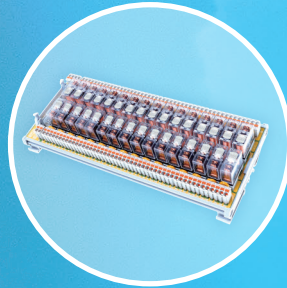
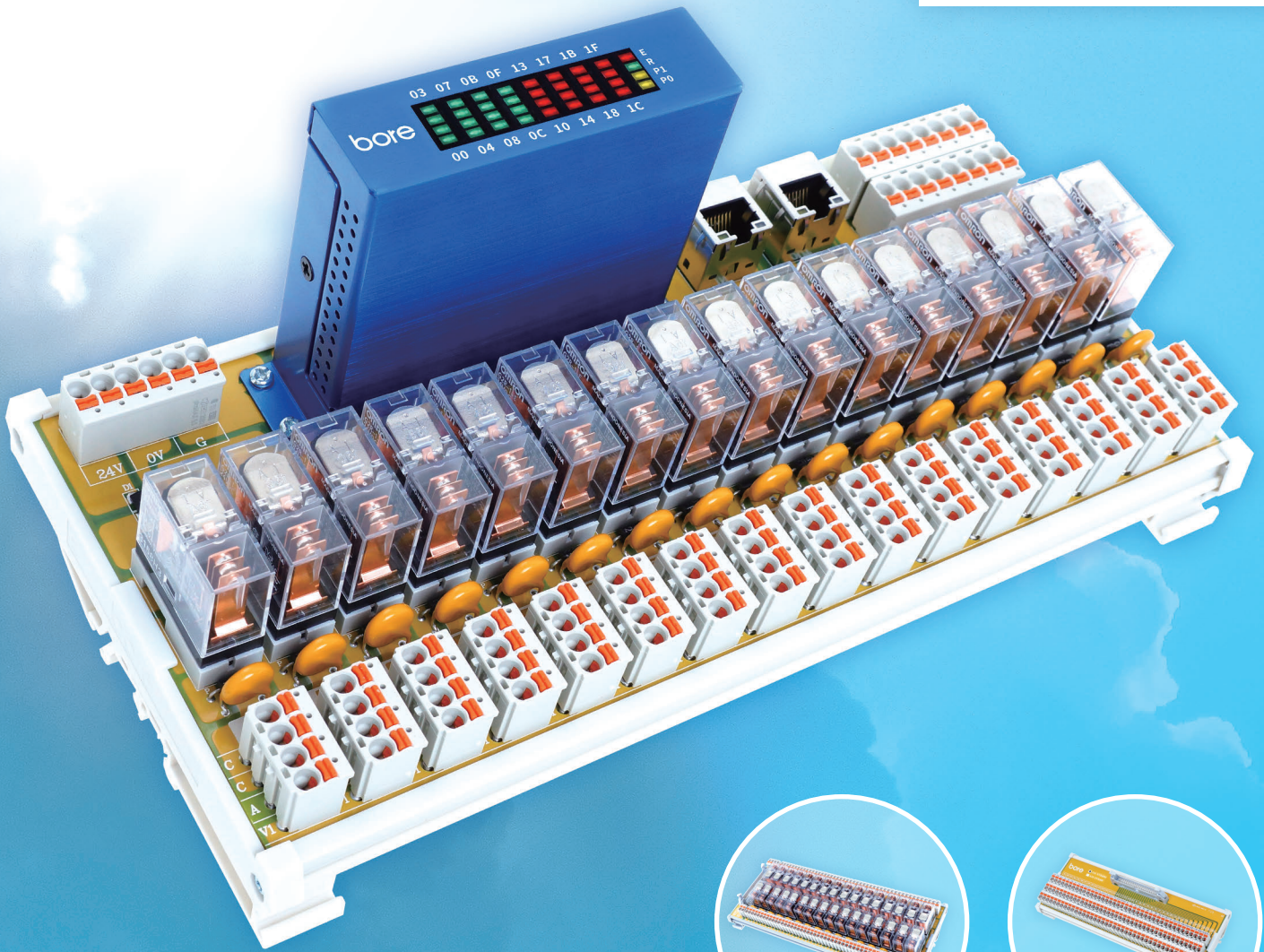


CE FC RoHS

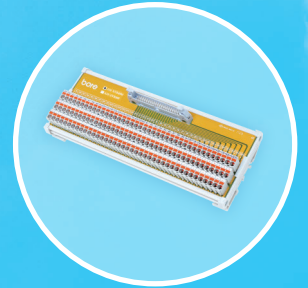


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Slave I/O Module



Relay Module



Interface Module

bore I/O Wire-Saving Module

Product Overview

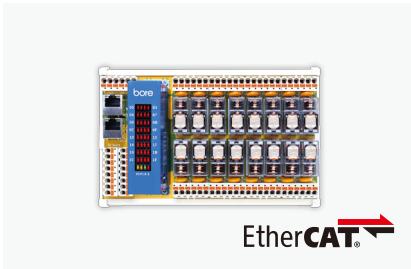
bore I/O Wire-Saving Module

I/O Relay Modules & Interface Modules from Bore Automation are the cost-effective solutions and compatible to various PLC and CNC controllers.

With easy configuration and fast wiring, choose from our extensive and consistent range of products for your industrial control application.

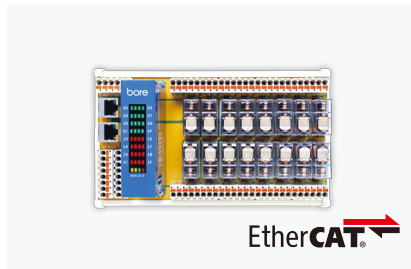
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P.12



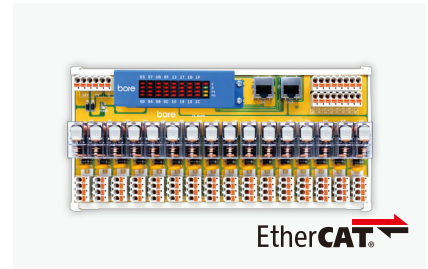
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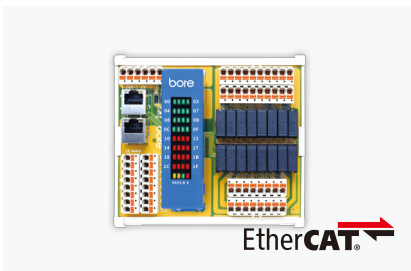
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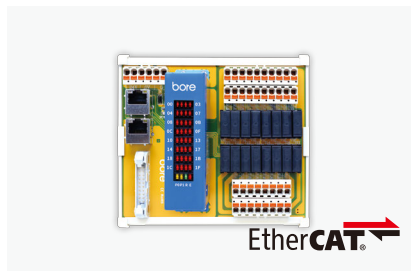
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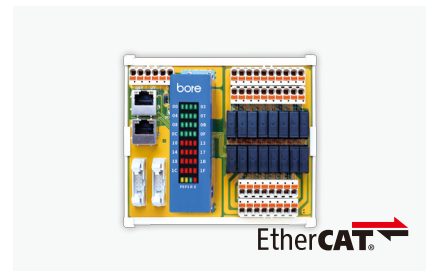
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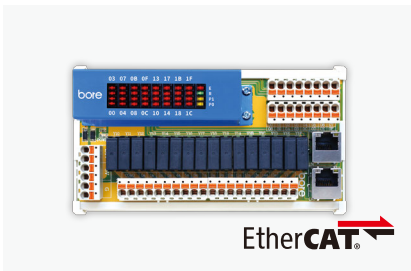
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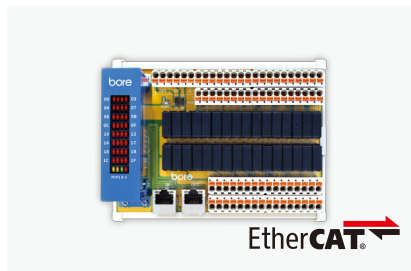
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P.18



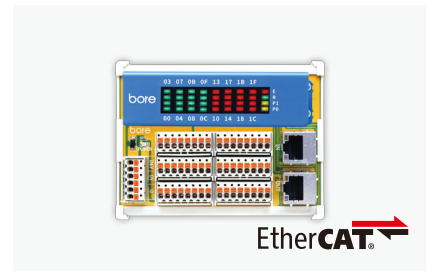
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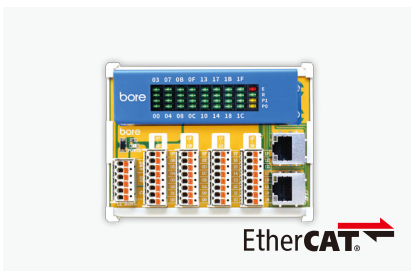
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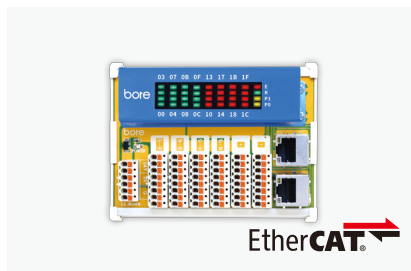
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P.20



BO-□D32ND1

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BO-ID32NK1

P.21

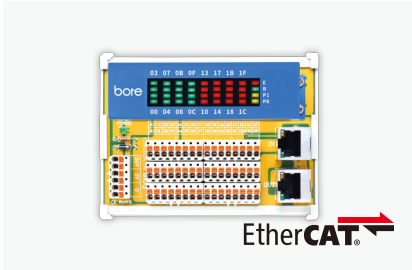


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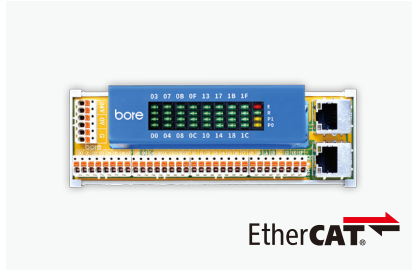
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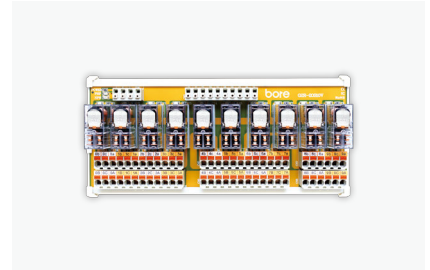
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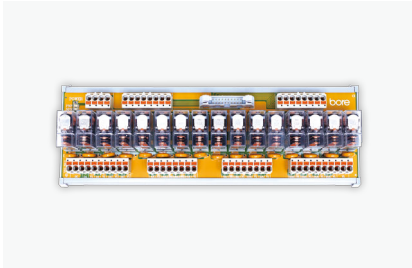
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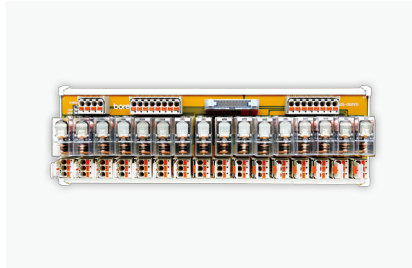
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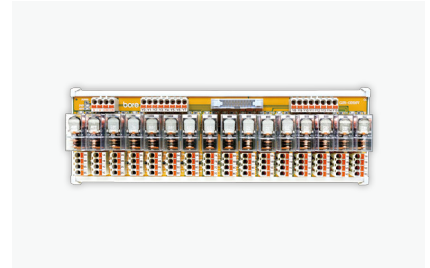
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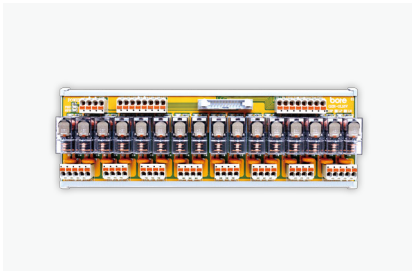
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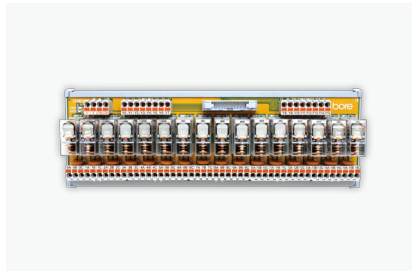
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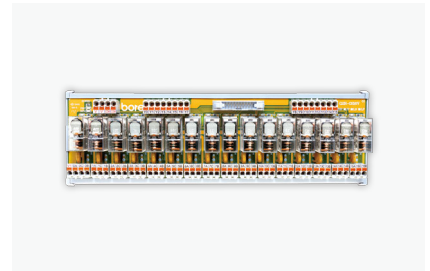
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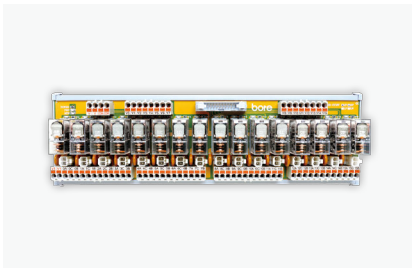
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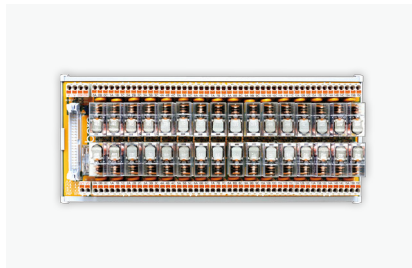
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P.26



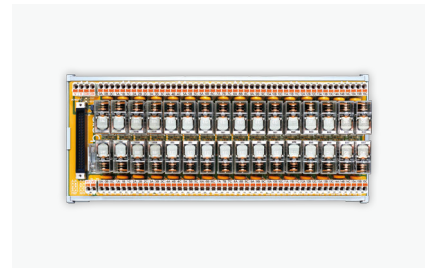
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G2R-OR32VF□-SP

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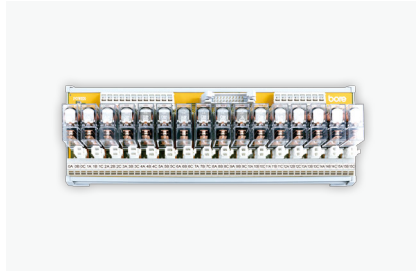
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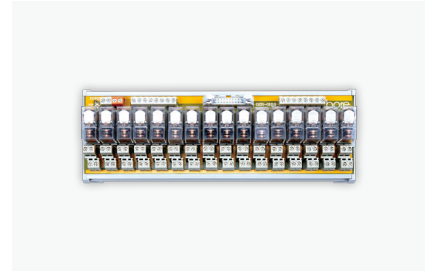
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P.28



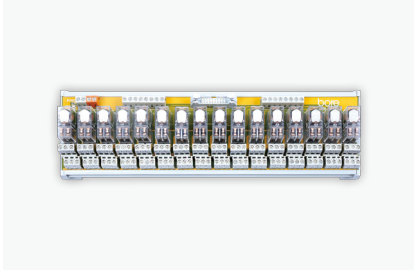
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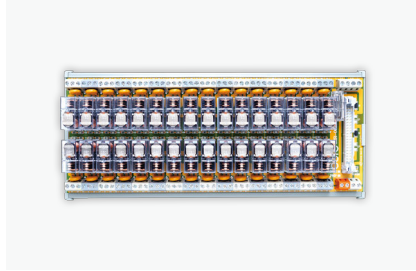
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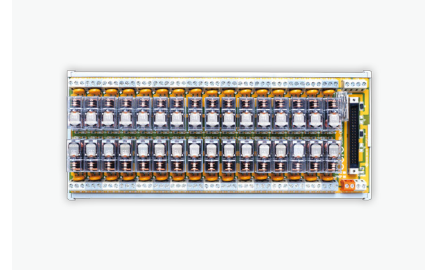
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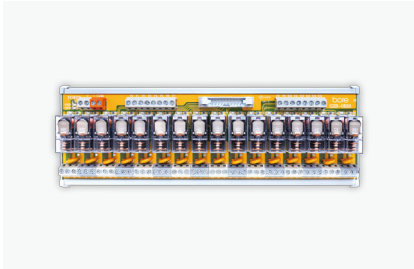
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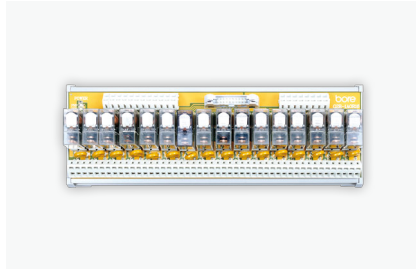
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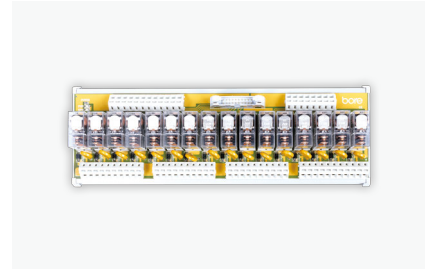
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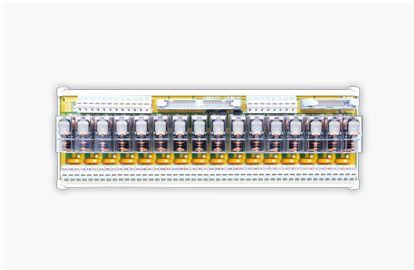
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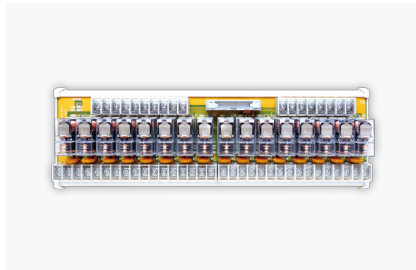
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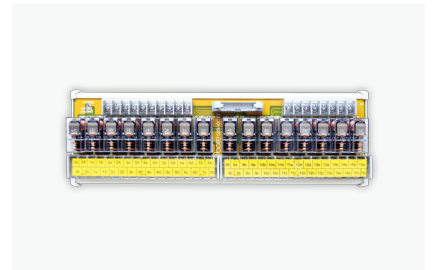
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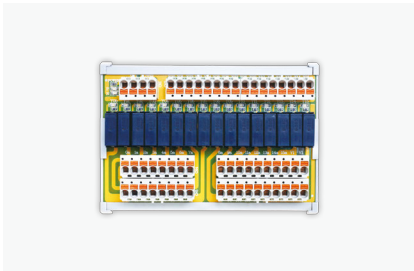
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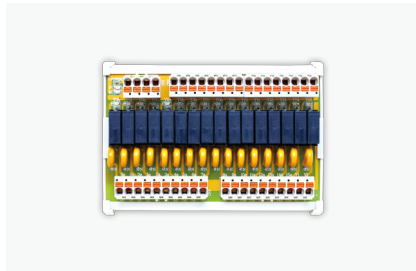
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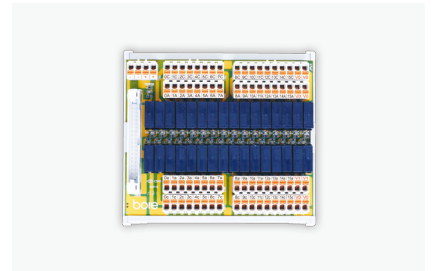
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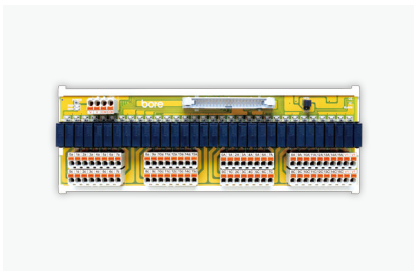
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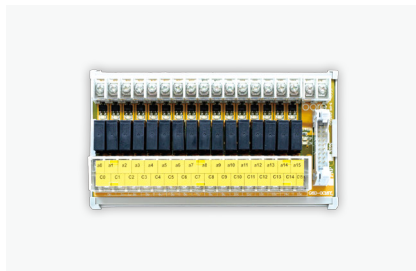
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G6D-OC□□Y

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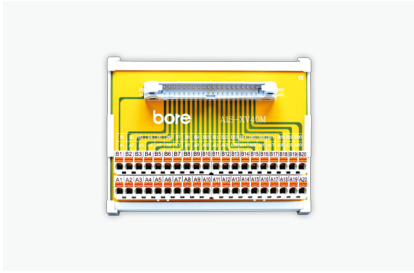
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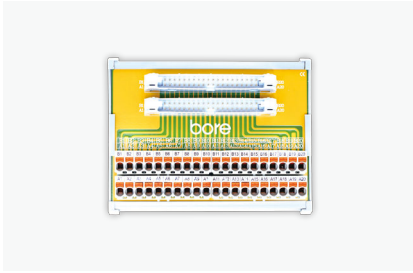
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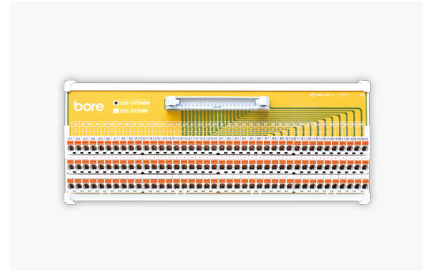
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P.37



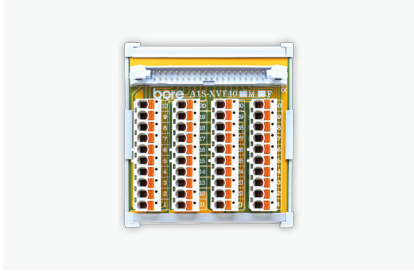
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P.38



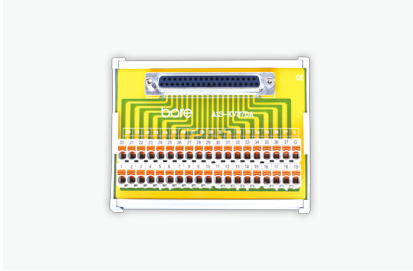
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P.38



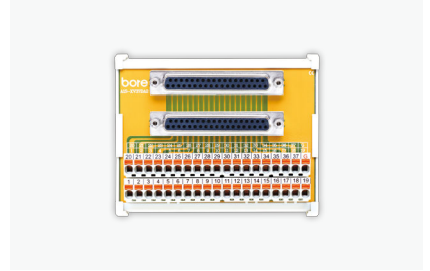
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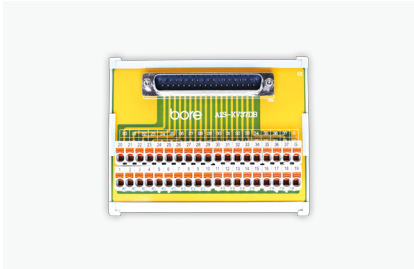
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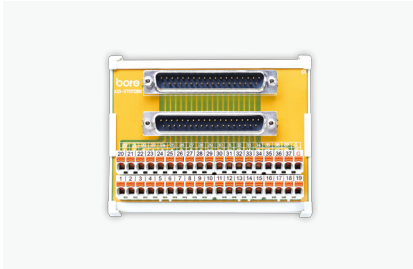
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P.40



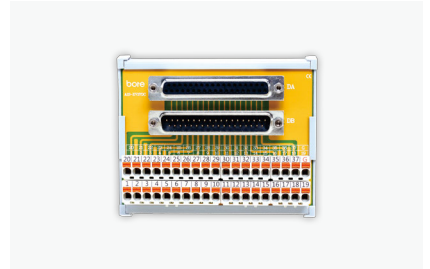
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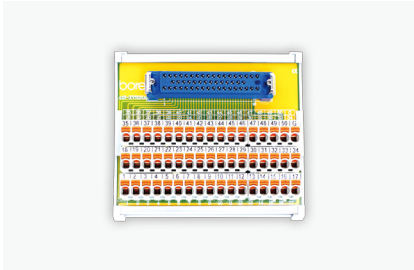
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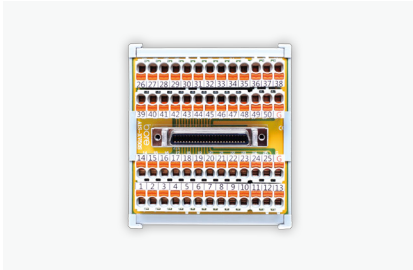
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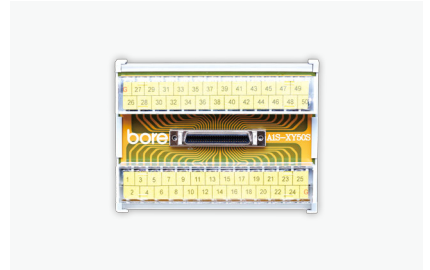
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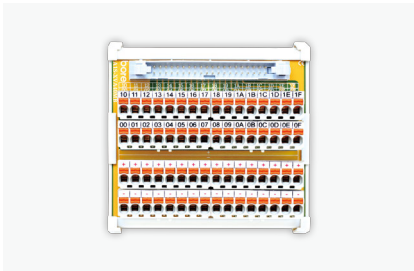
A1S-XY□□S

P.42



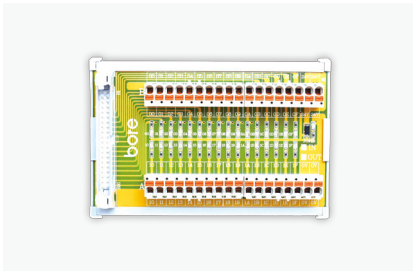
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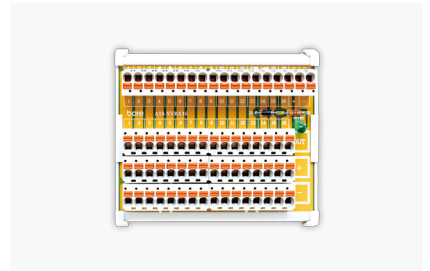
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P.43



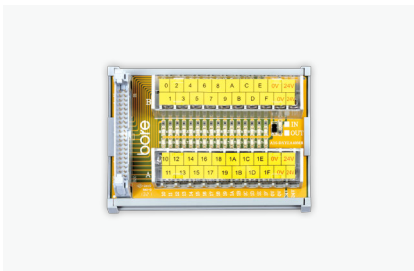
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P.44



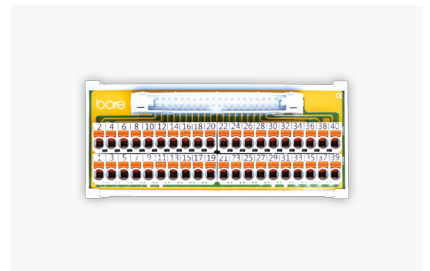
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P.45



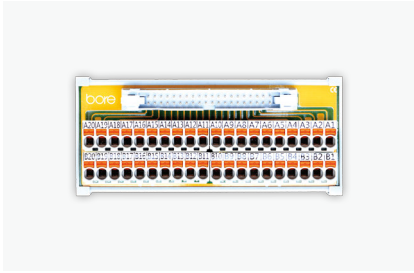
CJ1-XV□□MA

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CJ1-XV□□MC

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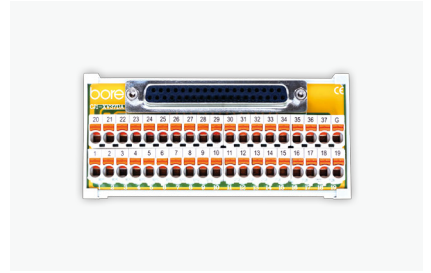
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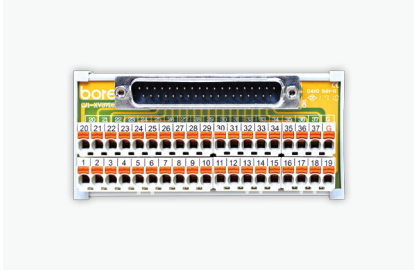
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CJ1-XV□□DB

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CJ1-XV□□S

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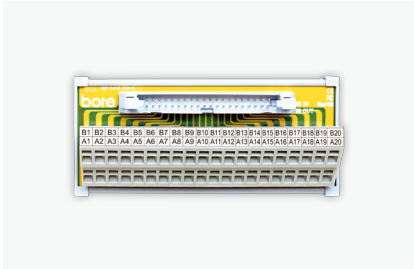
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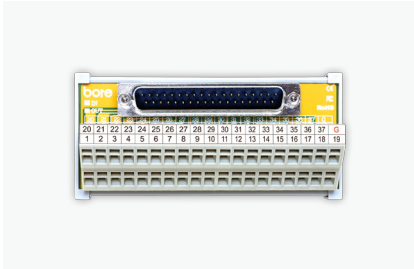
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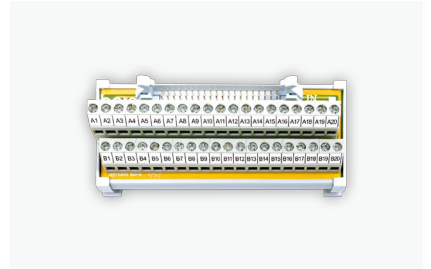
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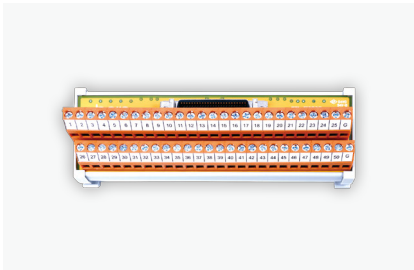
CJ1-XO□□M

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CJ1-XO□□S

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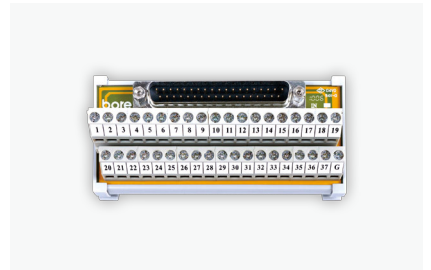
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CJ1-XO□□DB

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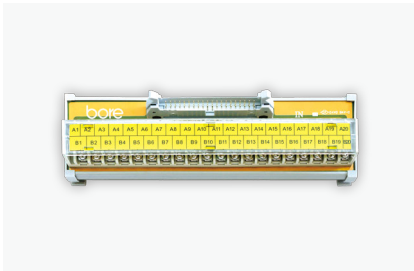
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CJ1-XY□□M

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CJ1-XY□□DA,DB

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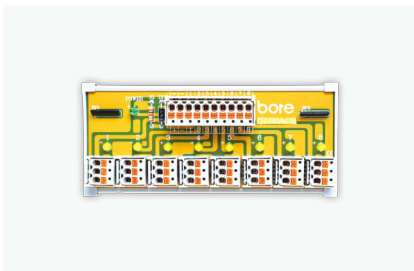
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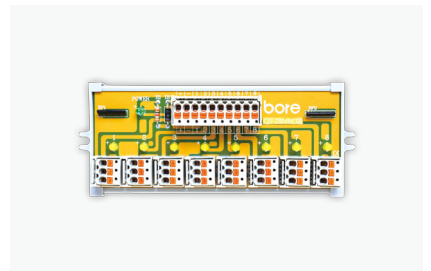
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P.54



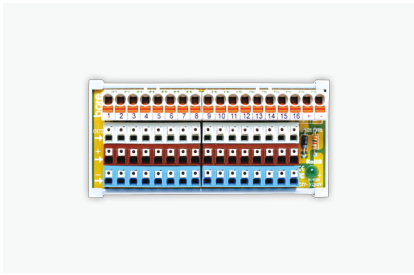
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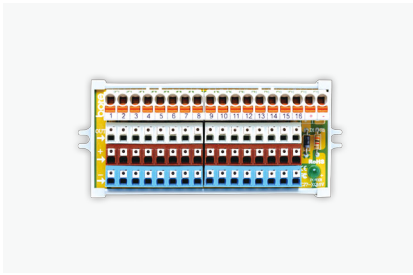
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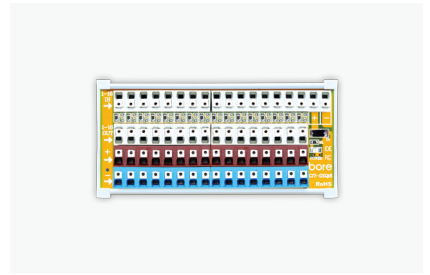
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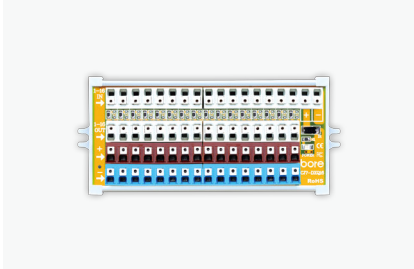
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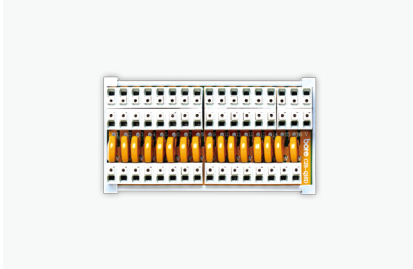
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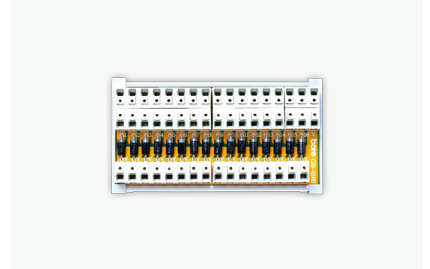
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P.57



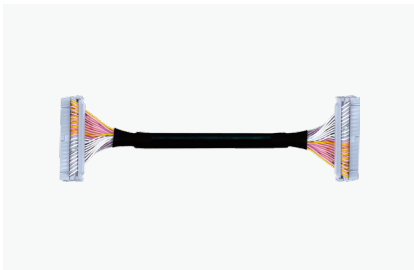
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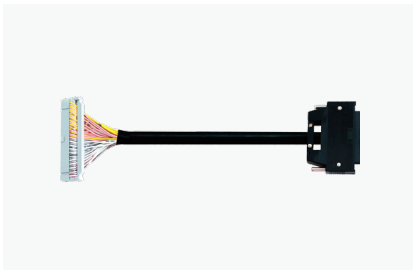
CJ1-M□□M-40C

P.59



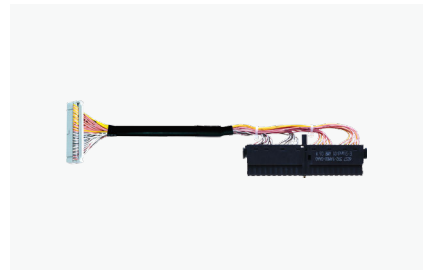
CJ1-M□□B-40C

P.59



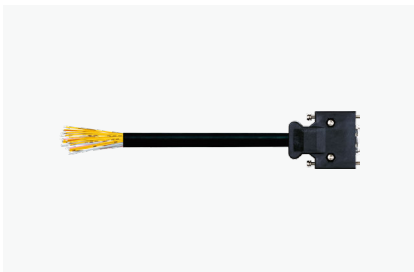
CJ1-M□□E-40C

P.59



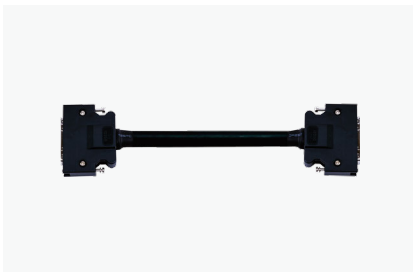
CJ1-A□□S-20CG

P.60



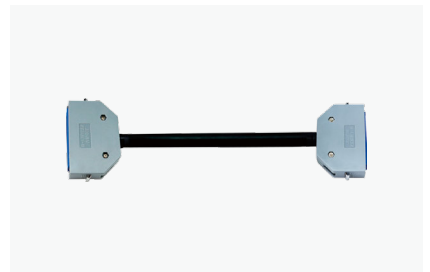
CJ1-S□□S-50CG

P.60



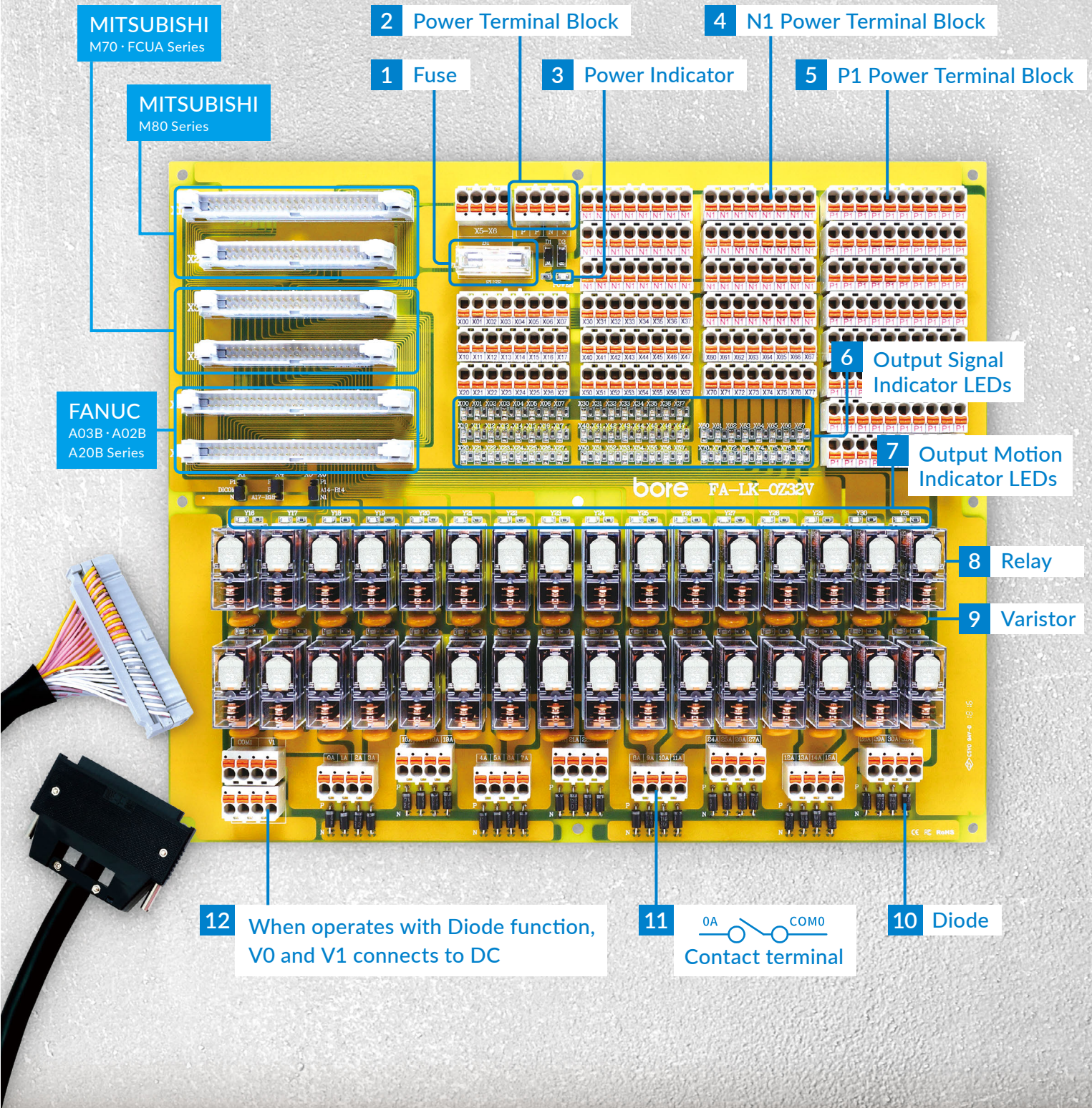
CJ1-HA□□HA-50C

P.60



We are a professional and reliable supplier for your industry

- Bore is your expert partner, supporting you with innovative solutions and reliable products in machinery, manufacturing and industrial automation industry.
- Our wide ranges of products are compliance with CE, FCC, RoHS, TUV approved.
- We supply reliable solutions to the leading OEMs in the market.



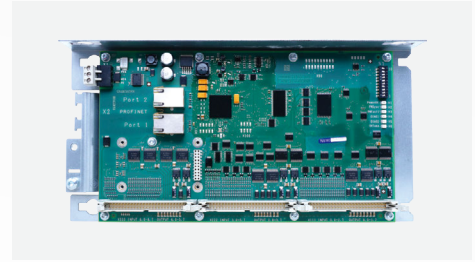
The PCB board solution is designed applicable to FANUC · SIMENS · MITSUBISHI PLC application NC I/O control series integrated design

1

Your PLC

6FC5311-0AA00-0AA0

- SIEMENS I/O unit
- 72IN/48OUT

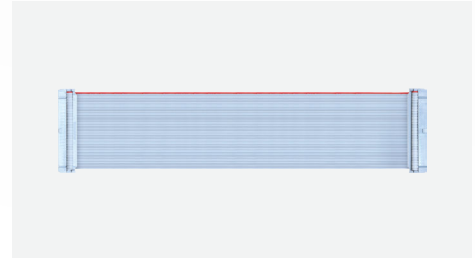


2

Correspond to Bore Cable Assembly

FP-M100M-50C

- 50 pin Double-headed IDC/MIL pierced connector



3

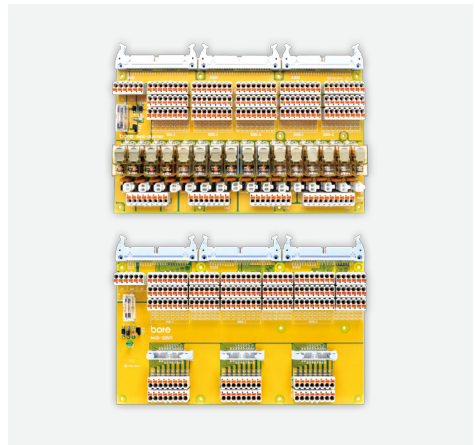
Correspond to Bore Relay Module & Interface Module

840D-OL16VMS-XP-ID

- 72IN/48OUT Relay module with IDEC relay
- Adopt with Wago PUSH-IN Type PCB Terminal Block

840D-XS50V

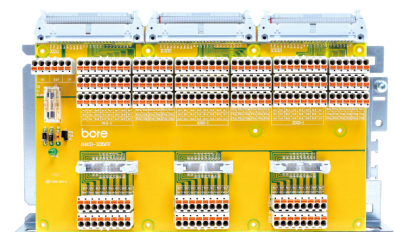
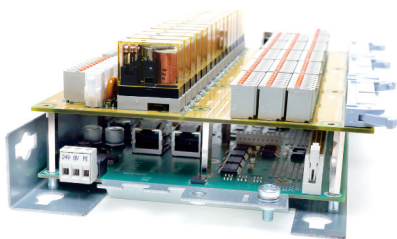
- 72IN/48OUT Interface module with IDC/MIL connector
- Adopt with Wago PUSH-IN Type PCB Terminal Block



Model No.	Dimension (L x W x H in mm)
840D-OL16VMS-XP-ID	254.0 x 172.0 x 33.5
840D-XS50V	254.0 x 172.0 x 26.5

4

Product Application Examples



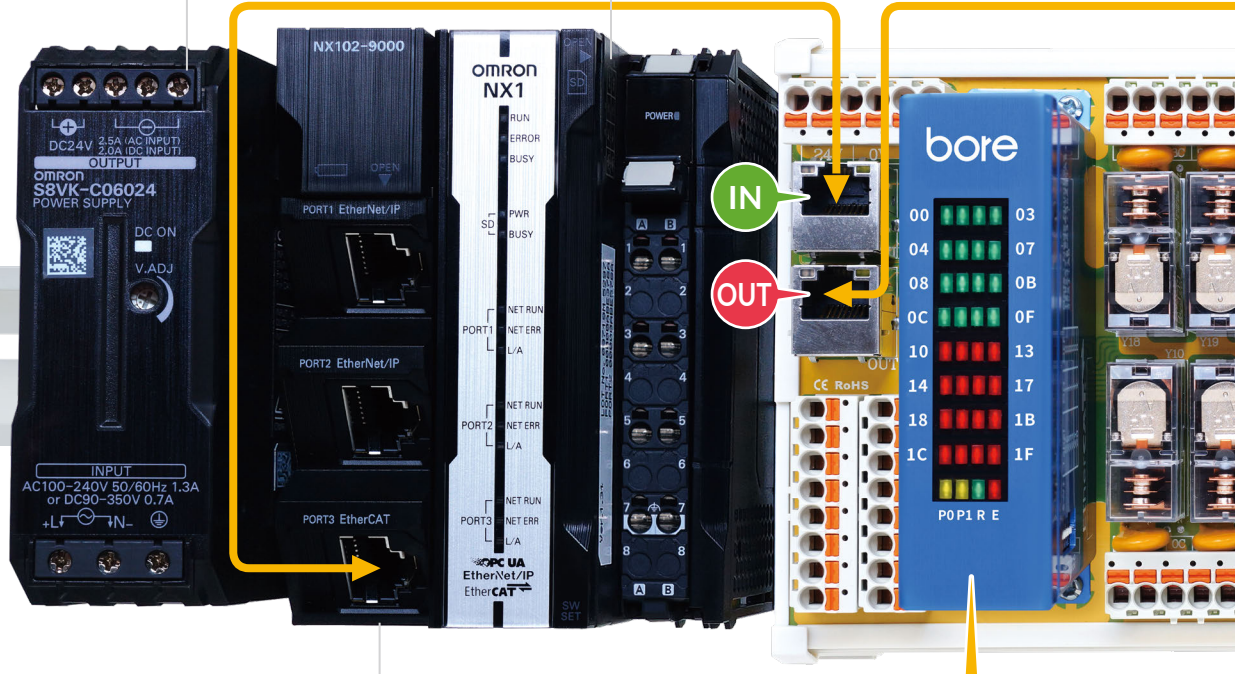
List of **bore** products are correspond to **SIMENS PLC 6FC5311 series application**

840D series relay module & interface module

bore EtherCAT[®] Slave I/O Module | Application

OMRON Power Supply
S8VK-C06024

OMRON CPU Unit
NX102-9000



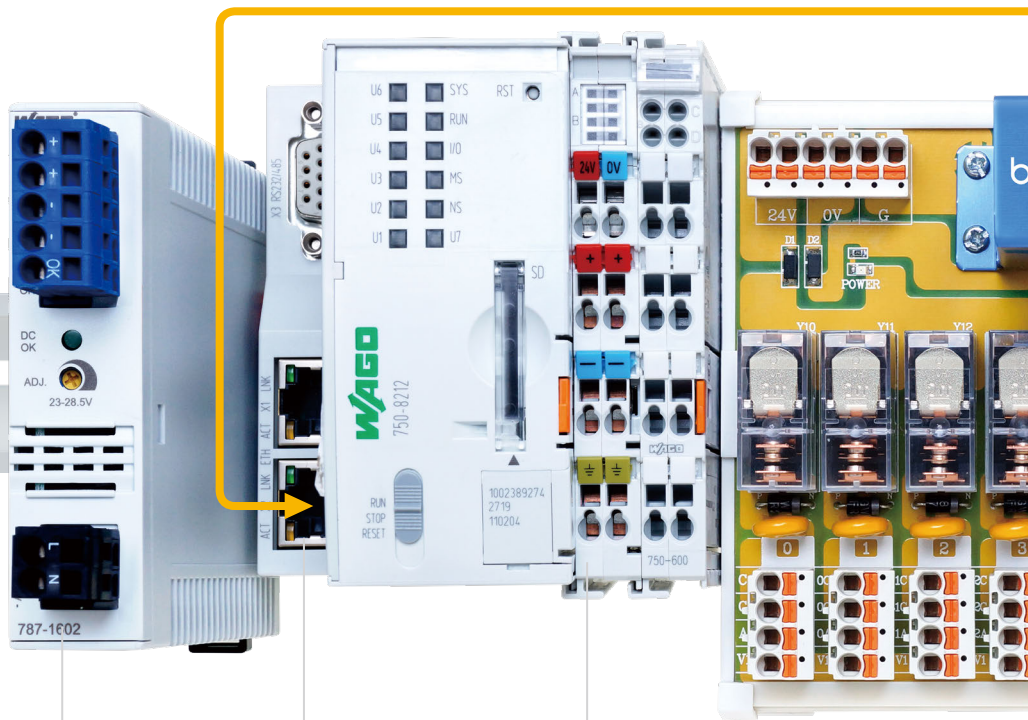
EtherCAT[®] Port

16IN/16OUT

WAGO Power Supply
787-1602

EtherCAT[®] Port

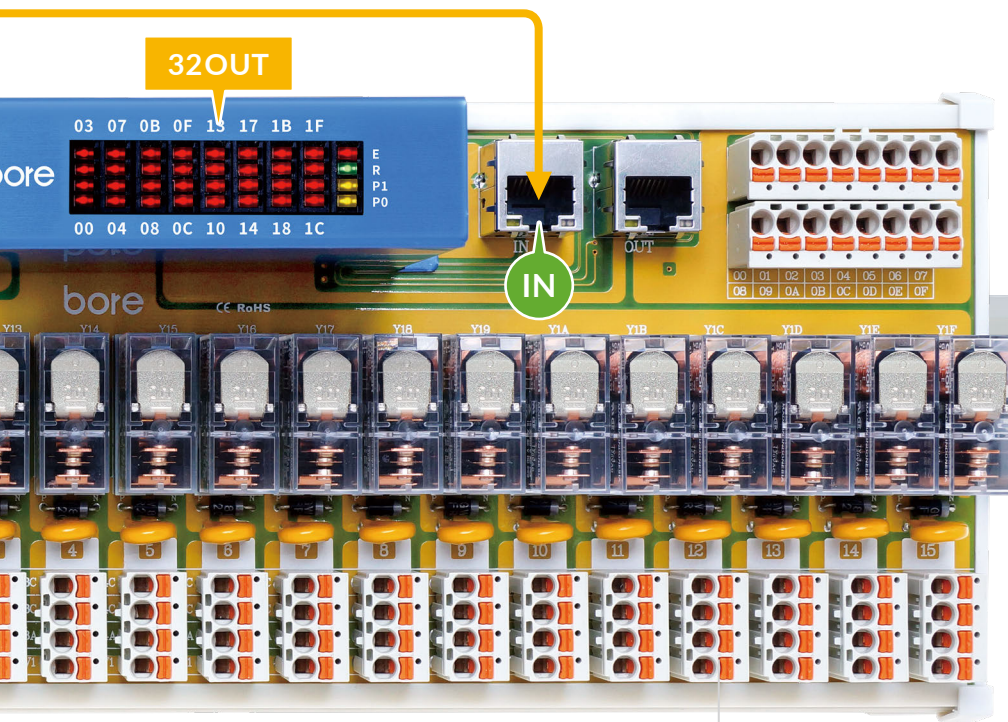
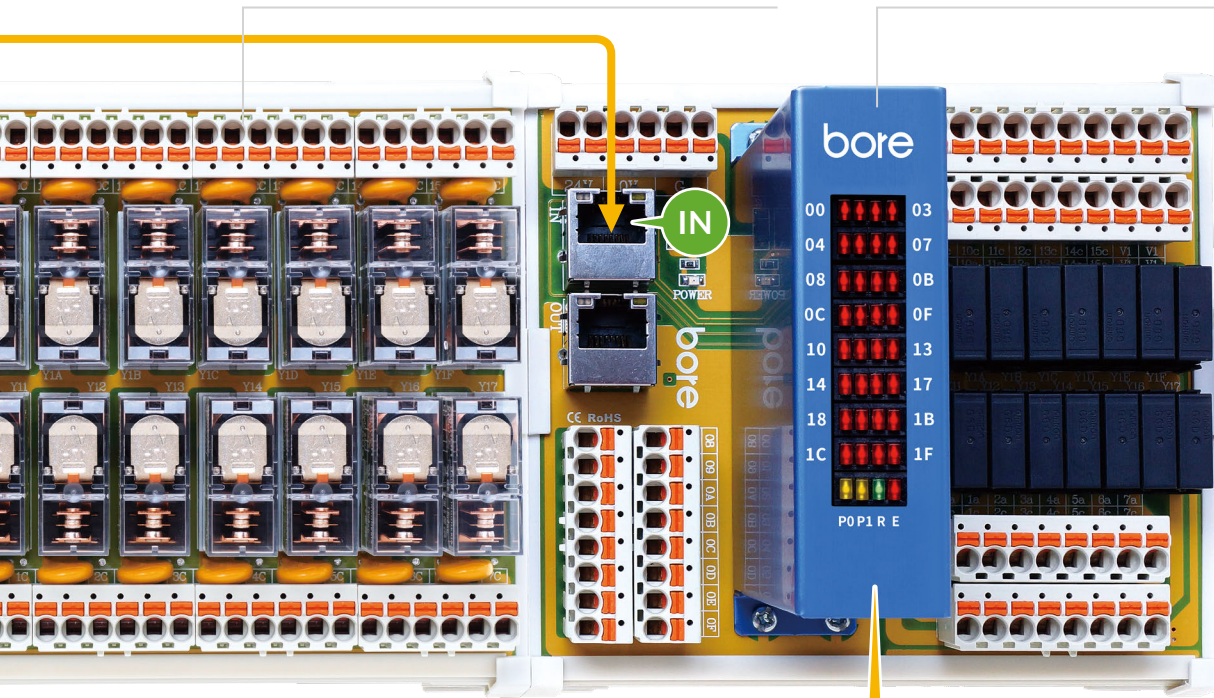
WAGO PLC
750-8212



Board range of compatible EtherCAT I/O Slave Module supports various EtherCAT Master PLC controller.

bore EtherCAT Slave I/O Module
BO-OA16MNA-S-O1

bore EtherCAT Slave I/O Module
BO-OC16DNA-N-O2



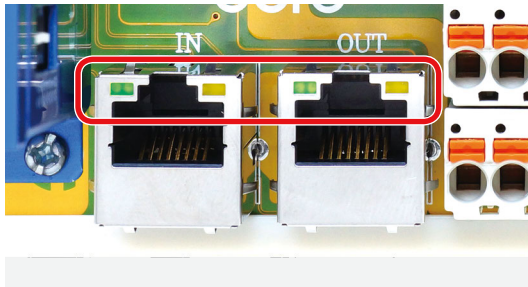
bore EtherCAT Slave I/O Module
BO-OI16DNA-NS-O1

1 EtherCAT Indicators



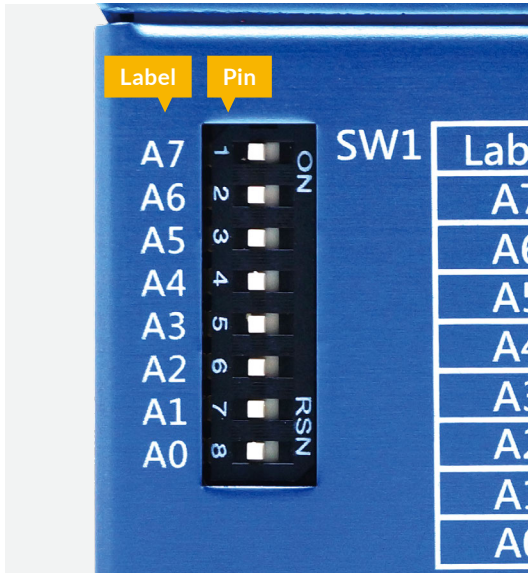
Code	LED indicators	Status
P0	● Yellow Light	DC +24V In Normal Level
P1	● Yellow Light	DC +5V Supply for Internal
R	● Green Light	In Normal Communication
E	● Red Light	Error Communication

2 RJ45 Indicators



Link / Activity Indicator	
Light Color	● Yellow Light
Blinking	There is activity on this port
Off	No link is established
Speed Indicator	
Light Color	● Green Light
Green On	Operating as a 100 / 1000-Mbps connection
Off	Operating as a 10-Mbps connection

3 DIP Switch for Address Setting

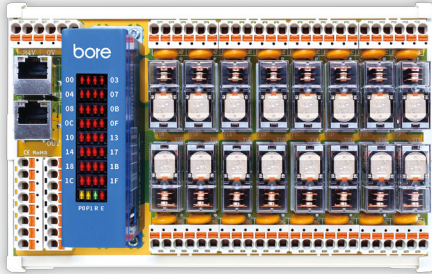


Pin	Label	On	Off
1	A7	1	0
2	A6	1	0
3	A5	1	0
4	A4	1	0
5	A3	1	0
6	A2	1	0
7	A1	1	0
8	A0	1	0

※ Node Number = $128 \cdot A7 + 64 \cdot A6 + 32 \cdot A5 + 16 \cdot A4 + 8 \cdot A3 + 4 \cdot A2 + 2 \cdot A1 + 1 \cdot A0$
 ※ Default values are all off.

BO-OA16□NA-□-O1 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OA16□NA-□-O1	348.8 mA	186.0 x 121.0 x 102.8

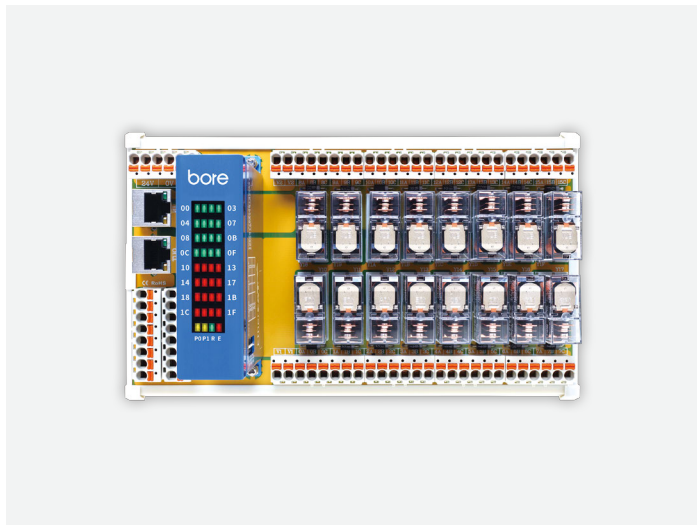
EtherCAT Technical Data	
Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50µs; Off to On, about 8µs
Working Temperature	0 ~ 60°C

Relay Technical Data			
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G2R-1-E-DC24	Connector Type	RJ45 Connector
Coil Rated Voltage	DC - 24V	Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Contact Max. Current	16A	Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)		
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OA16DNA-S-O1	● 32OUT	Varistor (SP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OA16DNA-P-O1		Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OA16DNA-N-O1		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OA16MNA-S-O1	● 16IN ● 16OUT	Varistor (SP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OA16MNA-P-O1		Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OA16MNA-N-O1		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OR16□NA-□-O1 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OR16□NA-□-O1	348.8 mA	198.0 x 121.0 x 102.8

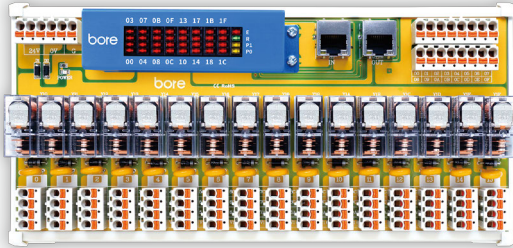
EtherCAT Technical Data	
Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs
Working Temperature	0 ~ 60°C

Relay Technical Data			
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G2R-1-E-DC24	Connector Type	RJ45 Connector
Coil Rated Voltage	DC - 24V	Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Contact Max. Current	16A	Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)		
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OR16DNA-S-O1	● 32OUT	Varistor (SP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OR16DNA-P-O1		Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OR16DNA-N-O1		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OR16MNA-S-O1	● 16IN ● 16OUT	Varistor (SP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OR16MNA-P-O1		Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OR16MNA-N-O1		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OI16□NA-□-O1 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OI16□NA-□-O1	348.8 mA	247.0 x 121.0 x 102.8

EtherCAT Technical Data

Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs
Working Temperature	0 ~ 60°C

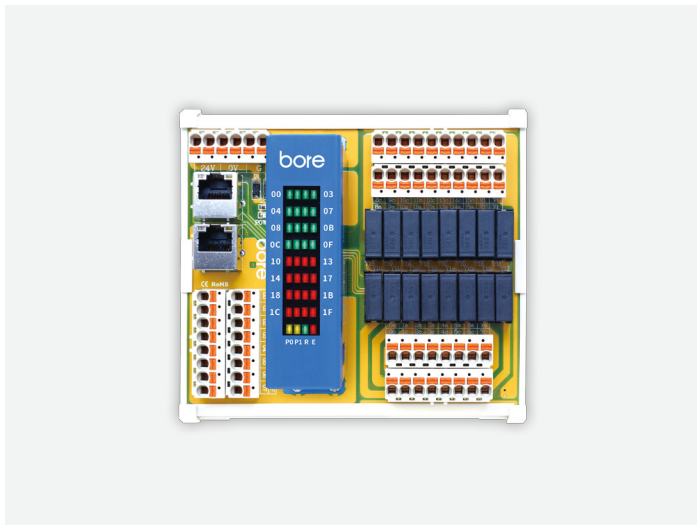
Relay Technical Data

Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G2R-1-E-DC24	Connector Type	RJ45 Connector
Coil Rated Voltage	DC - 24V	Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Contact Max. Current	16A	Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)		
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OI16DNA-S-O1	● 32OUT	Varistor (SP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16DNA-P-O1		Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16DNA-N-O1		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16DNA-PS-O1		Varistor (SP) and Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16DNA-NS-O1		Varistor (SP) and Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16MNA-S-O1	● 16IN ● 16OUT	Varistor (SP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16MNA-P-O1		Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16MNA-N-O1		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16MNA-PS-O1		Varistor (SP) and Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OI16MNA-NS-O1		Varistor (SP) and Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OC16□NA-□-O2 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OC16□NA-□-O2	132.8 mA	130.0 x 121.0 x 102.8

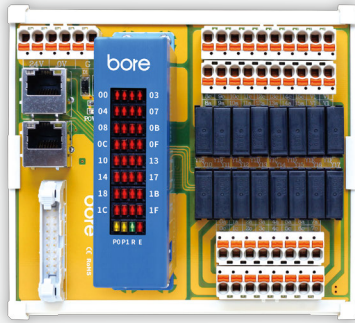
EtherCAT Technical Data	
Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50µs; Off to On, about 8µs
Working Temperature	0 ~ 60°C

Relay Technical Data			
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G6D-1A-ASI-DC24	Connector Type	RJ45 Connector
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A	Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)		
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr)		
	min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OC16DNA-P-O2	● 32OUT	Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16DNA-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16MNA-P-O2	● 16IN ● 16OUT	Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16MNA-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OC16□NB-□-O2 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OC16□NB-□-O2	132.8 mA	130.0 x 121.0 x 102.8

EtherCAT Technical Data

Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs
Working Temperature	0 ~ 60°C

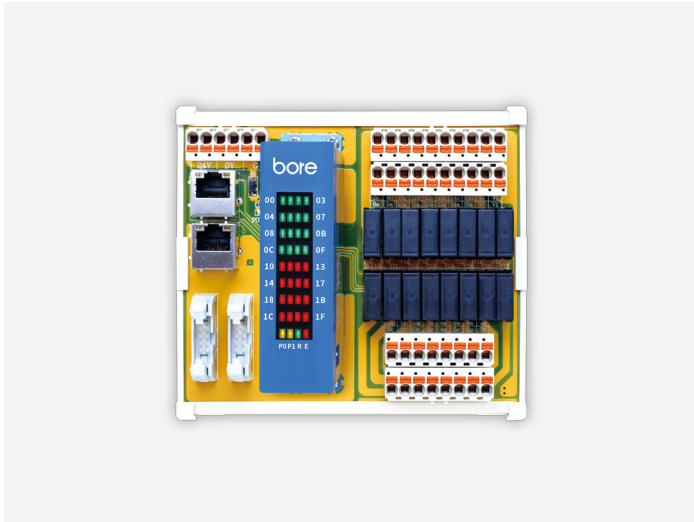
Relay Technical Data

Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G6D-1A-ASI-DC24	Connector Type	RJ45 Connector and IDC/MIL Connector
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A	Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)		
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr) min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OC16DNB-P-O2	● 32OUT	Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16DNB-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16MNB-P-O2	● 16IN ● 16OUT	Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16MNB-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OC16□NC-□-O2 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OC16□NC-□-O2	132.8 mA	130.0 x 121.0 x 102.8

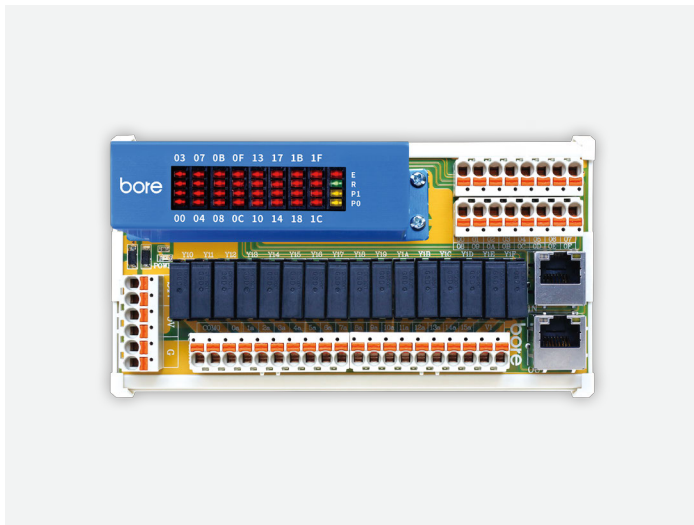
EtherCAT Technical Data	
Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs
Working Temperature	0 ~ 60°C

Relay Technical Data			
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G6D-1A-ASI-DC24	Connector Type	RJ45 Connector and IDC/MIL Connector
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A	Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)		
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr)		
	min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OC16DNC-P-O2	● 32OUT	Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16DNC-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16MNC-P-O2	● 16IN ● 16OUT	Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC16MNC-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OV16□ND-□-O2 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	BO-OV16□ND-□-O2	132.8 mA	155.5 x 86.0 x 102.3

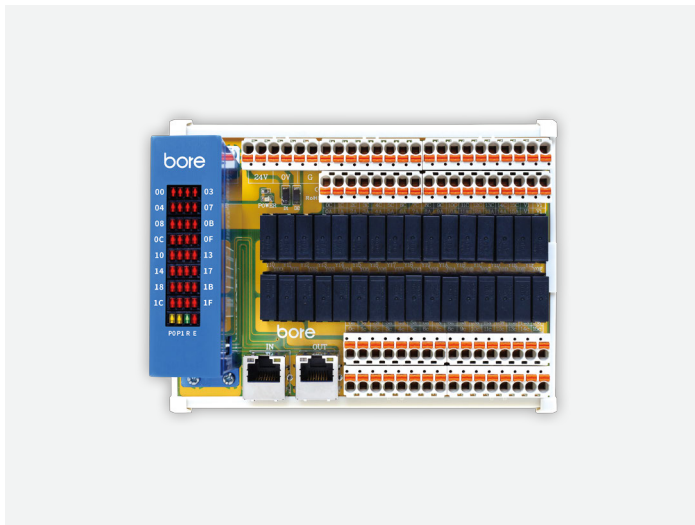
EtherCAT Technical Data	
Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs
Working Temperature	0 ~ 60°C

Relay Technical Data			
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G6D-1A-ASI-DC24	Connector Type	RJ45 Connector
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A	Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)		
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr)		
	min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OV16DND-P-O2	● 32OUT	Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OV16DND-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OV16MND-P-O2	● 16IN ● 16OUT	Fast Recovery Diode (COM load of contact is -) (LP)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OV16MND-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-OC32DN-□-O2 Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	BO-OC32DN-□-O2	265.6 mA	153.0 x 121.0 x 102.8

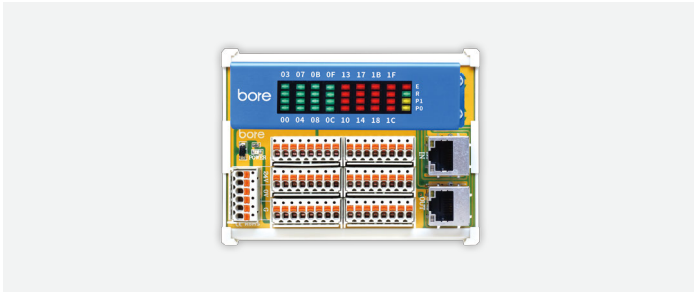
EtherCAT Technical Data	
Serial interface	Fast Ethernet, Full-Duplex
Cable Type	CAT5 UTP/STP Ethernet Cable
Surge Protection	10KV
I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%
Distributed Clock	1ms
Transmission Speed	100Mbps
Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs
Working Temperature	0 ~ 60°C

Relay Technical Data			
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block		
Relay Model No.	OMRON G6D-1A-ASI-DC24	Connector Type	RJ45 Connector
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A	Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min	Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)		
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr)		
	min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)		

Model No.	No. of Channels	Contact Protector	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-OC32DN-P-O2	• 32OUT	Fast Recovery Diode (COM load of contact is -) (LP)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-OC32DN-N-O2		Fast Recovery Diode (COM load of contact is +) (LN)	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-□D32NH1 Series

PUSH-IN Type



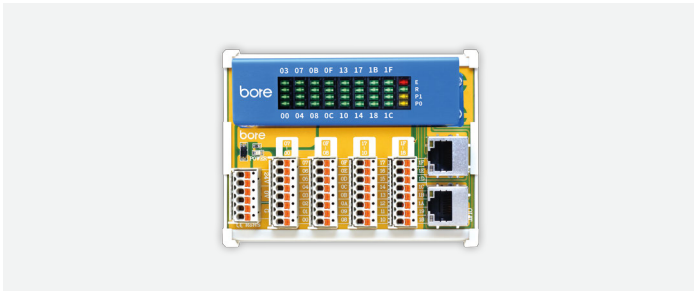
Technical Data			
Terminal Block Type	WAGO 3.5mm Pluggable PCB Terminal Block & Male Header		
Connector Type	RJ45 Connector		
Serial interface	Fast Ethernet, Full-Duplex		
Cable Type	CAT5 UTP/STP Ethernet Cable		
Surge Protection	10KV	I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%	Distributed Clock	1ms
Transmission Speed	100Mbps	Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs		
Working Temperature	0 ~ 60°C		

Pole	Model No.	Dimension (L x W x H in mm)
32	BO-□D32NH1	110.0 x 86.0 x 102.3

Model No.	No. of Channels	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-ID32NH1	● 32IN	NPN type	5.6KΩ / 0.5W	±5mA (Max)	X	X	X
BO-MD32NH1	● 16IN ● 16OUT	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-□D32NE Series

PUSH-IN Type



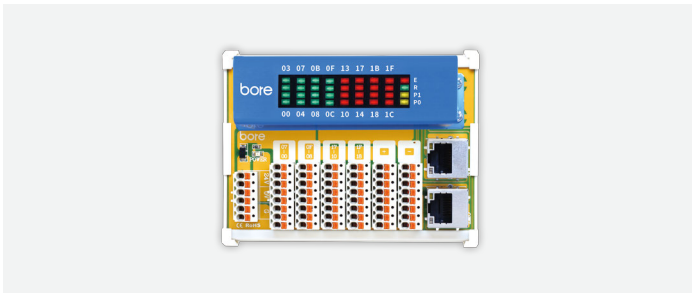
Technical Data			
Terminal Block Type	WAGO 3.5mm Pluggable PCB Terminal Block & Male Header		
Connector Type	RJ45 Connector		
Serial interface	Fast Ethernet, Full-Duplex		
Cable Type	CAT5 UTP/STP Ethernet Cable		
Surge Protection	10KV	I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%	Distributed Clock	1ms
Transmission Speed	100Mbps	Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs		
Working Temperature	0 ~ 60°C		

Pole	Model No.	Dimension (L x W x H in mm)
32	BO-□D32NE	110.0 x 86.0 x 102.3

Model No.	No. of Channels	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-ID32NE	● 32IN	NPN type	5.6KΩ / 0.5W	±5mA (Max)	X	X	X
BO-OD32NE	● 32OUT	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-MD32NE	● 16IN ● 16OUT	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-□D32ND1 Series

PUSH-IN Type



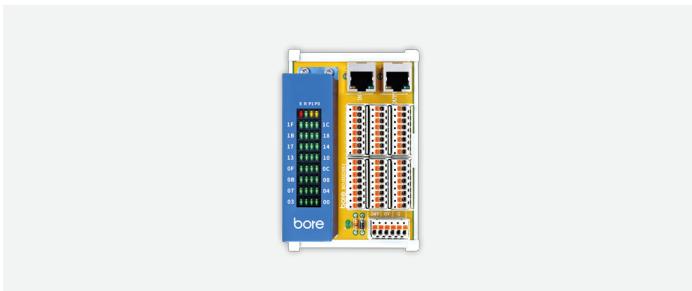
Technical Data			
Terminal Block Type	WAGO 3.5mm PUSH-IN Type PCB Terminal Block		
Connector Type	RJ45 Connector		
Serial interface	Fast Ethernet, Full-Duplex		
Cable Type	CAT5 UTP/STP Ethernet Cable		
Surge Protection	10KV	I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%	Distributed Clock	1ms
Transmission Speed	100Mbps	Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs		
Working Temperature	0 ~ 60°C		

Pole	Model No.	Dimension (L x W x H in mm)
32	BO-□D32ND1	110.0 x 86.0 x 102.3

Model No.	No. of Channels	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-ID32ND1	● 32IN	NPN type	5.6KΩ / 0.5W	±5mA (Max)	X	X	X
BO-MD32ND1	● 16IN ● 16OUT	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-ID32NK1

PUSH-IN Type



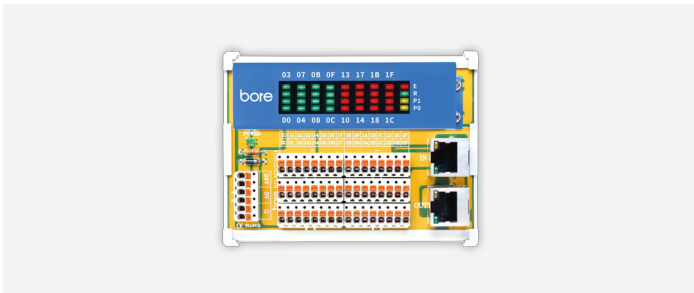
Technical Data			
Terminal Block Type	WAGO 3.5mm Pluggable PCB Terminal Block & Male Header		
Connector Type	RJ45 Connector		
Serial interface	Fast Ethernet, Full-Duplex		
Cable Type	CAT5 UTP/STP Ethernet Cable		
Surge Protection	10KV	I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%	Distributed Clock	1ms
Transmission Speed	100Mbps	Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs		
Working Temperature	0 ~ 60°C		

Pole	Model No.	Dimension (L x W x H in mm)
32	BO-ID32NK1	75.5 x 121.0 x 102.8

Model No.	No. of Channels	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-ID32NK1	● 32IN	NPN type	5.6KΩ / 0.5W	±5mA (Max)	X	X	X
BO-MD32NK1	● 16IN ● 16OUT	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-□D32NG1 Series

PUSH-IN Type



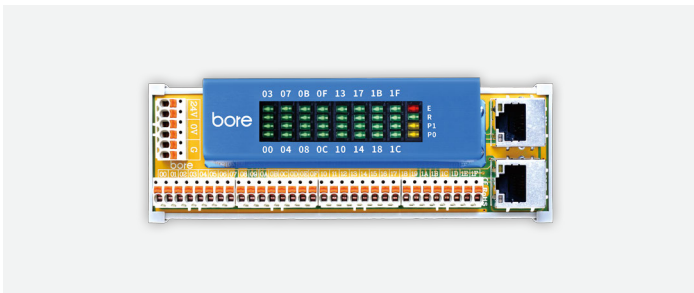
Technical Data			
Terminal Block Type	WAGO 3.5mm PUSH-IN Type PCB Terminal Block		
Connector Type	RJ45 Connector		
Serial interface	Fast Ethernet, Full-Duplex		
Cable Type	CAT5 UTP/STP Ethernet Cable		
Surge Protection	10KV	I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%	Distributed Clock	1ms
Transmission Speed	100Mbps	Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs		
Working Temperature	0 ~ 60°C		

Pole	Model No.	Dimension (L x W x H in mm)
32	BO-□D32NG1	110.0 x 86.0 x 102.3

Model No.	No. of Channels	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-ID32NG1	● 32IN	NPN type	5.6KΩ / 0.5W	±5mA (Max)	X	X	X
BO-MD32NG1	● 16IN ● 16OUT	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

BO-□D32NA Series

PUSH-IN Type



Technical Data			
Terminal Block Type	WAGO 3.5mm PUSH-IN Type PCB Terminal Block		
Connector Type	RJ45 Connector		
Serial interface	Fast Ethernet, Full-Duplex		
Cable Type	CAT5 UTP/STP Ethernet Cable		
Surge Protection	10KV	I/O Isolation Voltage	2.5KVrms
Power Input Voltage	+24V DC ± 10%	Distributed Clock	1ms
Transmission Speed	100Mbps	Power Consumption	3W typical
Response Time	On to Off, about 50μs; Off to On, about 8μs		
Working Temperature	0 ~ 60°C		

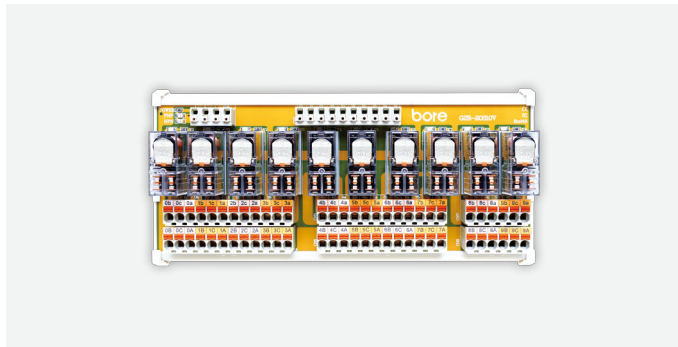
Pole	Model No.	Dimension (L x W x H in mm)
32	BO-□D32NA	141.0 x 48.0 x 97.4

Model No.	No. of Channels	Input Type	Input Impedance	Input Current	Output Type	Switch Capacity	Overcurrent Protection
BO-ID32NA	● 32IN	NPN type	5.6KΩ / 0.5W	±5mA (Max)	X	X	X
BO-OD32NA	● 32OUT	X	X	X	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)
BO-MD32NA	● 16IN ● 16OUT	NPN type	5.6KΩ / 0.5W	±5mA (Max)	NPN type	Each output Ch. is 100mA at 24VDC	1A (Max) for each port (8-Ch.)

bore Relay Module | G2R Series

G2R-2OS□□V Series

PUSH-IN Type

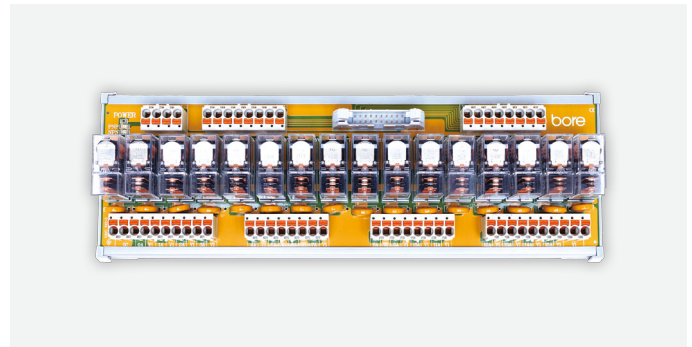


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-2OS02V	43.6 mA	46.0 x 86.0 x 57.8
4	G2R-2OS04V	87.2 mA	80.0 x 86.0 x 57.8
5	G2R-2OS05V	109.0 mA	97.0 x 86.0 x 57.8
6	G2R-2OS06V	130.8 mA	114.0 x 86.0 x 57.8
8	G2R-2OS08V	174.4 mA	148.0 x 86.0 x 57.8
10	G2R-2OS10V	218.0 mA	182.0 x 86.0 x 57.8
12	G2R-2OS12V	261.6 mA	216.0 x 86.0 x 57.8
16	G2R-2OS16V	348.8 mA	284.0 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block and DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-2-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	2c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 5A / DC - 30V : 5A
Inductive Load	AC - 250V : 2A / DC - 30V : 3A
Contact Max. Current	5A
Contact Max. Voltage	AC - 250V
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of different polarity)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OA□□V-SP Series

PUSH-IN Type

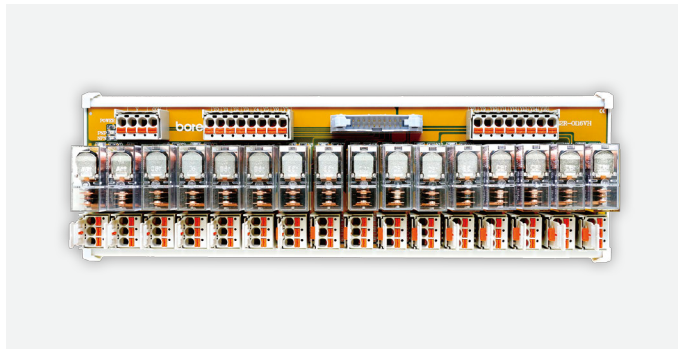


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OA02V-SP	43.6 mA	39.2 x 86.0 x 57.8
4	G2R-OA04V-SP	87.2 mA	69.0 x 86.0 x 57.8
5	G2R-OA05V-SP	109.0 mA	82.3 x 86.0 x 57.8
6	G2R-OA06V-SP	130.8 mA	97.2 x 86.0 x 57.8
8	G2R-OA08VM-SP	174.4 mA	127.0 x 86.0 x 57.8
10	G2R-OA10V-SP	218.0 mA	158.0 x 86.0 x 57.8
12	G2R-OA12V-SP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-OA16V-SP	348.8 mA	247.8 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OI□□VU Series

PUSH-IN Type

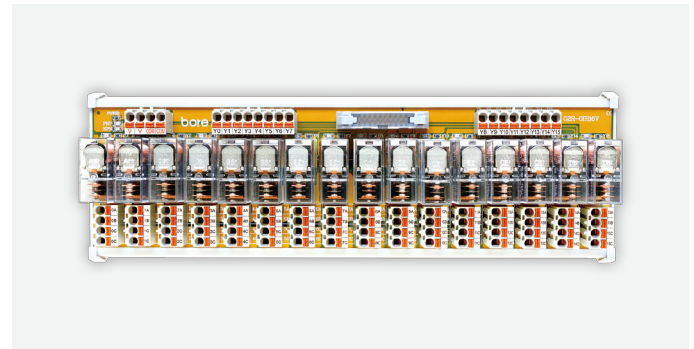


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OI02VU	43.6 mA	39.0 x 86.0 x 60.8
3	G2R-OI03VU	65.4 mA	54.0 x 86.0 x 60.8
4	G2R-OI04VU	87.2 mA	70.0 x 86.0 x 60.8
5	G2R-OI05VU	109.0 mA	86.0 x 86.0 x 60.8
6	G2R-OI06VU	130.8 mA	103.0 x 86.0 x 60.8
7	G2R-OI07VU	152.6 mA	119.0 x 86.0 x 60.8
8	G2R-OI08VU	174.4 mA	135.0 x 86.0 x 60.8
10	G2R-OI10VU	218.0 mA	166.0 x 86.0 x 60.8
12	G2R-OI12VU	261.6 mA	199.0 x 86.0 x 60.8
16	G2R-OI16VU	348.8 mA	263.0 x 86.0 x 60.8

Technical Data	
Terminal Block Type	WAGO 5.0mm Pluggable PCB Terminal Block & Male Header & Gripping Plate with Sliding Connector Release
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OIH□□V Series

PUSH-IN Type

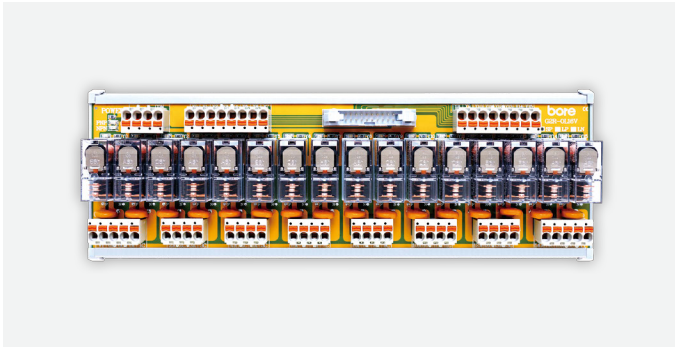


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OIH02V	43.6 mA	39.0 x 86.0 x 57.8
3	G2R-OIH03V	65.4 mA	54.0 x 86.0 x 57.8
4	G2R-OIH04V	87.2 mA	70.0 x 86.0 x 57.8
5	G2R-OIH05V	109.0 mA	86.0 x 86.0 x 57.8
6	G2R-OIH06V	130.8 mA	103.0 x 86.0 x 57.8
7	G2R-OIH07V	152.6 mA	118.0 x 86.0 x 57.8
8	G2R-OIH08V	174.4 mA	135.0 x 86.0 x 57.8
10	G2R-OIH10V	218.0 mA	166.0 x 86.0 x 57.8
12	G2R-OIH12V	261.6 mA	199.0 x 86.0 x 57.8
16	G2R-OIH16V	348.8 mA	263.0 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

bore Relay Module | G2R Series

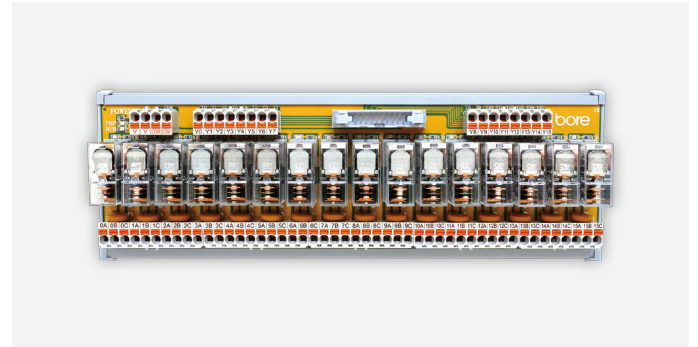
G2R-OL□□V-SP Series PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G2R-OL04V-SP	87.2 mA	69.0 x 86.0 x 57.8
5	G2R-OL05V-SP	109.0 mA	82.7 x 86.0 x 57.8
6	G2R-OL06V-SP	130.8 mA	97.7 x 86.0 x 57.8
8	G2R-OL08V-SP	174.4 mA	130.0 x 86.0 x 57.8
10	G2R-OL10V-SP	218.0 mA	157.5 x 86.0 x 57.8
12	G2R-OL12V-SP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-OL16V-SP	348.8 mA	247.8 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

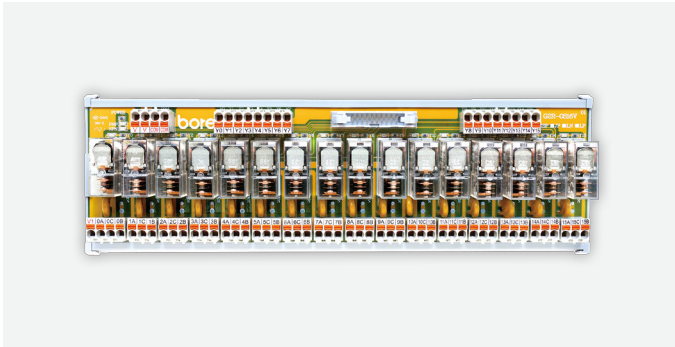
G2R-OR□□V-SP Series PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OR02V-SP	43.6 mA	38.0 x 86.0 x 57.8
3	G2R-OR03V-SP	65.4 mA	53.0 x 86.0 x 57.8
4	G2R-OR04V-SP	87.2 mA	69.0 x 86.0 x 57.8
5	G2R-OR05V-SP	109.0 mA	82.7 x 86.0 x 57.8
6	G2R-OR06V-SP	130.8 mA	97.7 x 86.0 x 57.8
7	G2R-OR07V-SP	152.6 mA	113.0 x 86.0 x 57.8
8	G2R-OR08V-SP	174.4 mA	127.0 x 86.0 x 57.8
10	G2R-OR10V-SP	218.0 mA	157.5 x 86.0 x 57.8
12	G2R-OR12V-SP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-OR16V-SP	348.8 mA	247.8 x 86.0 x 57.8
16	G2R-OR16VM-SP	348.8 mA	148.0 x 121.0 x 57.8
16	G2R-OR16VB-SP	348.8 mA	155.5 x 121.0 x 57.8
24	G2R-OR24VM-SP	523.2 mA	209.0 x 121.0 x 58.3
24	G2R-OR24VB-SP	523.2 mA	220.0 x 121.0 x 58.3
32	G2R-OR32VB-SP	697.6 mA	282.0 x 121.0 x 58.3

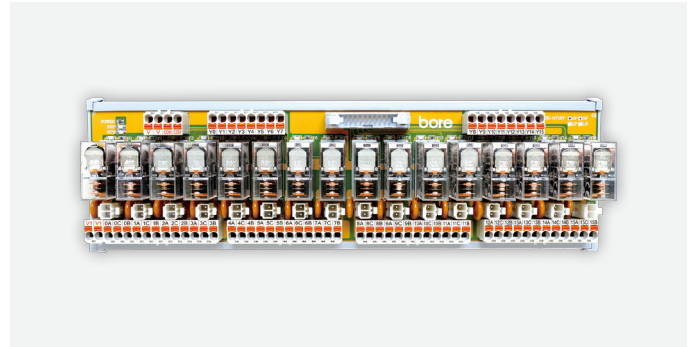
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OS□□V-SP Series PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G2R-OS04V-SP	87.2 mA	77.0 x 86.0 x 57.8
5	G2R-OS05V-SP	109.0 mA	93.0 x 86.0 x 57.8
6	G2R-OS06V-SP	130.8 mA	109.0 x 86.0 x 57.8
7	G2R-OS07V-SP	152.6 mA	125.0 x 86.0 x 57.8
8	G2R-OS08V-SP	174.4 mA	141.0 x 86.0 x 57.8
10	G2R-OS10V-SP	218.0 mA	170.0 x 86.0 x 57.8
12	G2R-OS12V-SP	261.6 mA	205.0 x 86.0 x 57.8
16	G2R-OS16V-SP	348.8 mA	268.5 x 86.0 x 57.8

G2R-OY□□V-JSP Series PUSH-IN Type



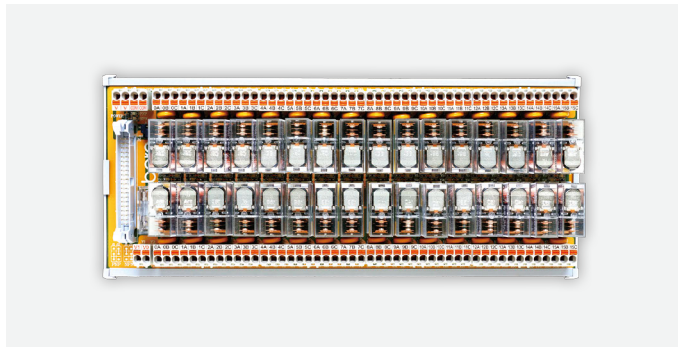
Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G2R-OY04V-JSP	87.2 mA	75.6 x 86.0 x 57.8
5	G2R-OY05V-JSP	109.0 mA	90.8 x 86.0 x 57.8
6	G2R-OY06V-JSP	130.8 mA	109.0 x 86.0 x 57.8
7	G2R-OY07V-JSP	152.6 mA	126.0 x 86.0 x 57.8
8	G2R-OY08V-JSP	174.4 mA	143.0 x 86.0 x 57.8
10	G2R-OY10V-JSP	218.0 mA	176.0 x 86.0 x 57.8
12	G2R-OY12V-JSP	261.6 mA	210.0 x 86.0 x 57.8
16	G2R-OY16V-JSP	348.8 mA	277.0 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Mechanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP) and Jumper Wire (JP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Mechanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

bore Relay Module | G2R Series

G2R-OR32VM□-SP Series PUSH-IN Type

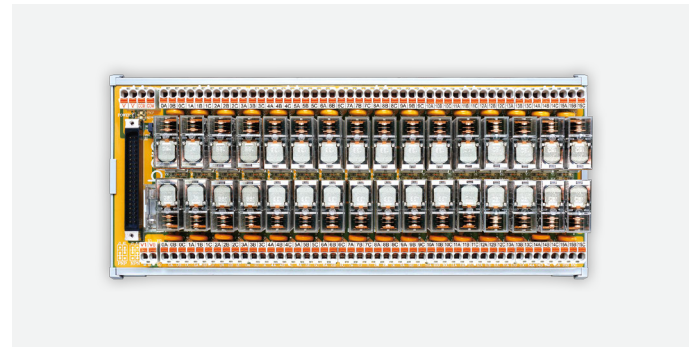


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	G2R-OR32VM□-SP	697.6 mA	277.5 x 121.0 x 58.3

Model No.	Correspond to PLC Brand	PLC Input Method
G2R-OR32VMB-SP	MITSUBISHI (QY41) FUJI (NP1Y32T09P1)	NPN
G2R-OR32VMK-SP	KEYENCE (KV-C32TC / KC-C64TC)	NPN
G2R-OR32VMO-SP	OMRON (CJ1W-OD231)	NPN
G2R-OR32VMP-SP	PANASONIC (FPG-C32T / FPG-C32T2)	NPN
G2R-OR32VMS-SP	SIEMENS (6ES7322)	PNP
G2R-OR32VMT-SP	DELTA (DVP-32SN)	NPN
G2R-OR32VMV-SP	ALLEN-BRADLEY (1746-OB32)	PNP
G2R-OR32VMVA-SP	ALLEN-BRADLEY (1746-OV32)	NPN
G2R-OR32VMY-SP	KOYO (D2-32TD1)	NPN

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OR32VF□-SP Series PUSH-IN Type



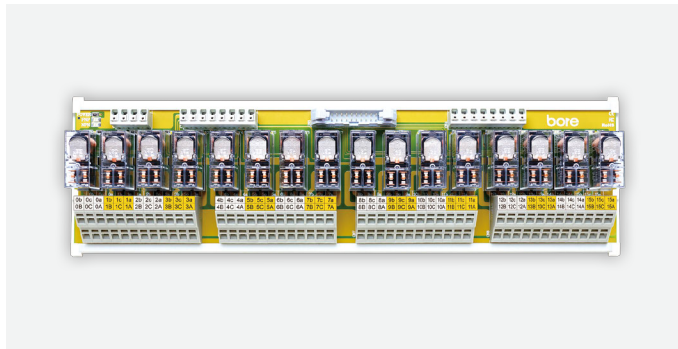
Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	G2R-OR32VF□-SP	697.6 mA	277.5 x 121.0 x 58.3

Model No.	Correspond to PLC Brand	PLC Input Method
G2R-OR32VFB-SP	MITSUBISHI (QY41) FUJI (NP1Y32T09P1)	NPN
G2R-OR32VFO-SP	OMRON (CJ1W-OD231)	NPN
G2R-OR32VFY-SP	KOYO (D2-32TD1)	NPN
G2R-OR32VFO-SP	HITACHI	NPN
G2R-OR32VFO-SP	YOKOGAWA	NPN

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	FUJITSU Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-2OS□□H Series

PUSH-IN Type

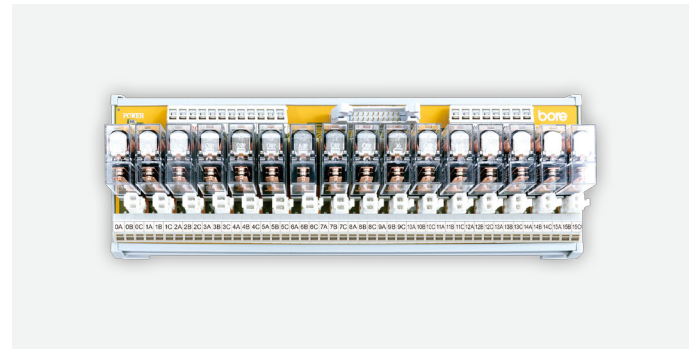


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-2OS02H	43.6 mA	47.0 x 86.0 x 57.8
3	G2R-2OS03H	65.4 mA	62.0 x 86.0 x 57.8
4	G2R-2OS04H	87.2 mA	77.0 x 86.0 x 57.8
5	G2R-2OS05H	109.0 mA	93.0 x 86.0 x 57.8
6	G2R-2OS06H	130.8 mA	113.0 x 86.0 x 57.8
7	G2R-2OS07H	152.6 mA	131.0 x 86.0 x 57.8
8	G2R-2OS08H	174.4 mA	148.0 x 86.0 x 57.8
10	G2R-2OS10H	218.0 mA	185.0 x 86.0 x 57.8
12	G2R-2OS12H	261.6 mA	217.0 x 86.0 x 57.8
16	G2R-2OS16H	348.8 mA	290.0 x 86.0 x 57.8

Technical Data	
Terminal Block Type	DECA 5.0mm PUSH-IN Type Stackable PCB Terminal Block and DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G2R-2-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	2c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 5A / DC - 30V : 5A
Inductive Load	AC - 250V : 2A / DC - 30V : 3A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of different polarity)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OR□□H-JP Series

PUSH-IN Type

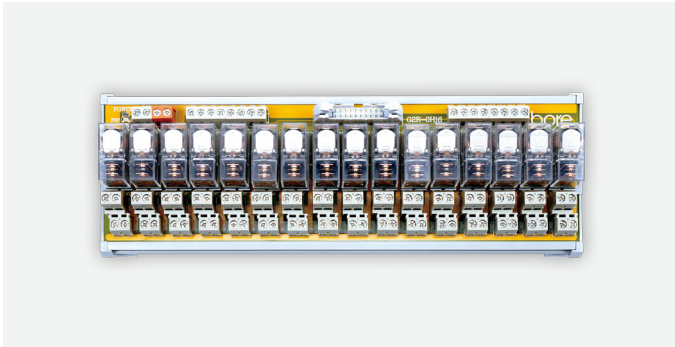


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OR02H-JP	43.6 mA	38.0 x 86.0 x 57.8
3	G2R-OR03H-JP	65.4 mA	53.0 x 86.0 x 57.8
4	G2R-OR04H-JP	87.2 mA	69.0 x 86.0 x 57.8
5	G2R-OR05H-JP	109.0 mA	82.7 x 86.0 x 57.8
6	G2R-OR06H-JP	130.8 mA	97.7 x 86.0 x 57.8
7	G2R-OR07H-JP	152.6 mA	113.0 x 86.0 x 57.8
8	G2R-OR08H-JP	174.4 mA	130.0 x 86.0 x 57.8
10	G2R-OR10H-JP	218.0 mA	157.5 x 86.0 x 57.8
12	G2R-OR12H-JP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-OR16H-JP	348.8 mA	247.8 x 86.0 x 57.8

Technical Data	
Terminal Block Type	DECA 5.0mm PUSH-IN Type Stackable PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Jumper Wire (JP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

bore Relay Module | G2R Series

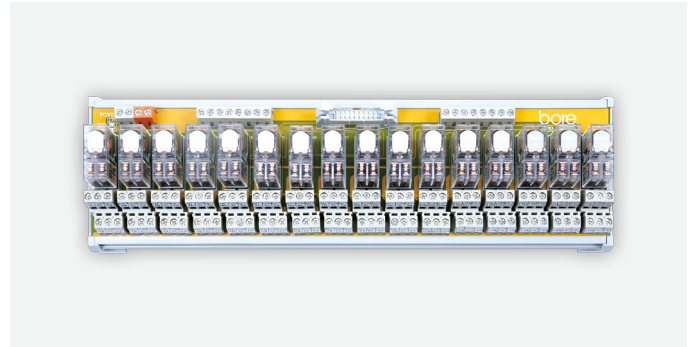
G2R-OH□□ Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OH02	43.6 mA	35.0 x 86.0 x 57.8
3	G2R-OH03	65.4 mA	50.0 x 86.0 x 57.8
4	G2R-OH04	87.2 mA	65.0 x 86.0 x 57.8
5	G2R-OH05	109.0 mA	80.0 x 86.0 x 57.8
6	G2R-OH06	130.8 mA	95.0 x 86.0 x 57.8
8	G2R-OH08	174.4 mA	125.0 x 86.0 x 57.8
10	G2R-OH10	218.0 mA	155.5 x 86.0 x 57.8
12	G2R-OH12	261.6 mA	185.0 x 86.0 x 57.8
16	G2R-OH16	348.8 mA	244.0 x 86.0 x 57.8
20	G2R-OH20	436.0 mA	303.0 x 86.0 x 57.8

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Mechanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

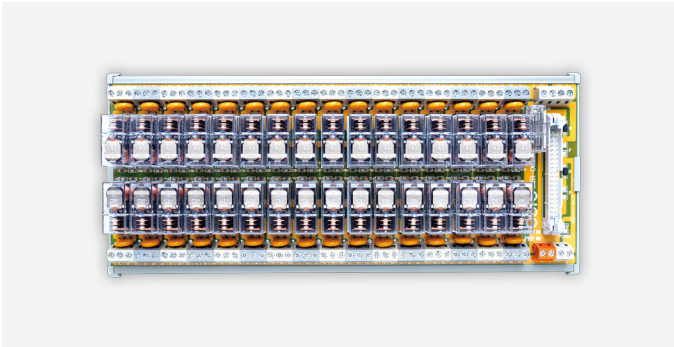
G2R-2OC□□ Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-2OC02	43.6 mA	40.0 x 86.0 x 57.8
3	G2R-2OC03	65.4 mA	59.0 x 86.0 x 57.8
4	G2R-2OC04	87.2 mA	77.0 x 86.0 x 57.8
5	G2R-2OC05	109.0 mA	95.0 x 86.0 x 57.8
6	G2R-2OC06	130.8 mA	112.5 x 86.0 x 57.8
8	G2R-2OC08	174.4 mA	148.0 x 86.0 x 57.8
10	G2R-2OC10	218.0 mA	183.5 x 86.0 x 57.8
12	G2R-2OC12	261.6 mA	219.0 x 86.0 x 57.8
16	G2R-2OC16	348.8 mA	290.0 x 86.0 x 57.8
20	G2R-2OC20	436.0 mA	361.0 x 86.0 x 57.8

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Relay Model No.	OMRON G2R-2-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	2c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 5A / DC - 30V : 5A
Inductive Load	AC - 250V : 2A / DC - 30V : 3A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of different polarity)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Mechanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OC32M□-SP Series

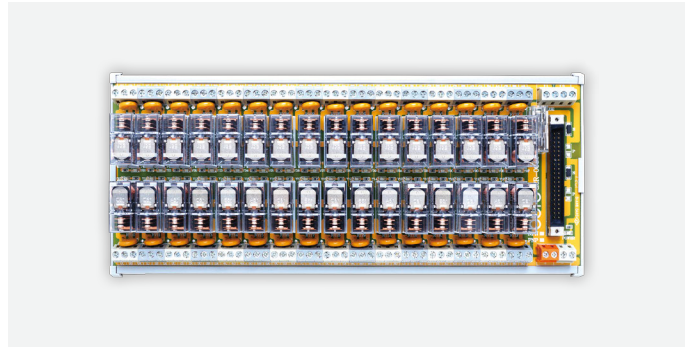


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	G2R-OC32M□-SP	697.6 mA	277.5 x 121.0 x 58.3

Model No.	Correspond to PLC Brand
G2R-OC32MB-SP	MITSUBISHI (QY41) FUJI (NP1Y32T09P1)
G2R-OC32MO-SP	OMRON (CJ1W-OD231)
G2R-OC32MP-SP	PANASONIC (FPG-C32T / FPG-C32T2)
G2R-OC32MT-SP	DELTA (DVP-32SN)

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OC32F□-SP Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	G2R-OC32F□-SP	697.6 mA	277.5 x 121.0 x 58.3

Model No.	Correspond to PLC Brand
G2R-OC32FB-SP	MITSUBISHI (QY41) FUJI (NP1Y32T09P1)
G2R-OC32FO-SP	OMRON (CJ1W-OD231)
G2R-OC32FP-SP	PANASONIC (FPG-C32T / FPG-C32T2)
G2R-OC32FT-SP	DELTA (DVP-32SN)

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	FUJITSU Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

bore Relay Module | G2R Series

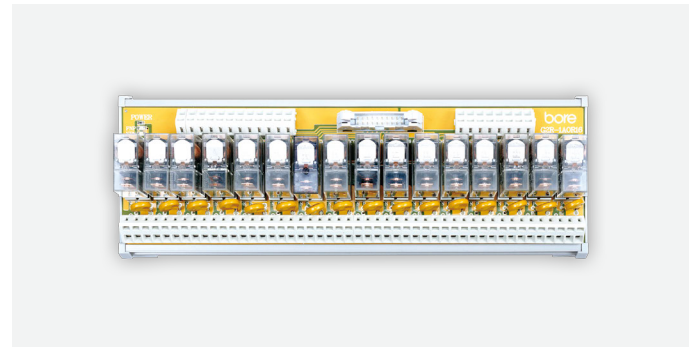
G2R-OR□□-SP Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OR02-SP	43.6 mA	38.0 x 86.0 x 57.8
3	G2R-OR03-SP	65.4 mA	53.0 x 86.0 x 57.8
4	G2R-OR04-SP	87.2 mA	69.0 x 86.0 x 57.8
5	G2R-OR05-SP	109.0 mA	82.7 x 86.0 x 57.8
6	G2R-OR06-SP	130.8 mA	97.7 x 86.0 x 57.8
8	G2R-OR08-SP	174.4 mA	130.0 x 86.0 x 57.8
10	G2R-OR10-SP	218.0 mA	157.5 x 86.0 x 57.8
12	G2R-OR12-SP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-OR16-SP	348.8 mA	247.8 x 86.0 x 57.8
24	G2R-OR24-SP	523.2 mA	219.0 x 121.0 x 57.8
16	G2R-OR16A-SP	348.8 mA	155.5 x 121.0 x 57.8
24	G2R-OR24A-SP	523.2 mA	230.5 x 121.0 x 57.8

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

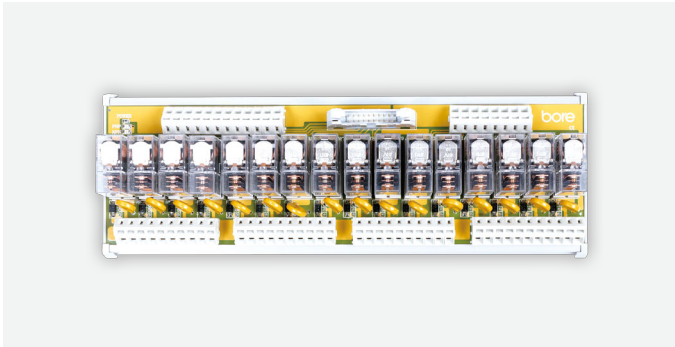
G2R-1AOR□□W-SP Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G2R-1AOR04W-SP	87.2 mA	69.0 x 86.0 x 57.8
5	G2R-1AOR05W-SP	109.0 mA	82.7 x 86.0 x 57.8
6	G2R-1AOR06W-SP	130.8 mA	97.7 x 86.0 x 57.8
8	G2R-1AOR08W-SP	174.4 mA	130.0 x 86.0 x 57.8
10	G2R-1AOR10W-SP	218.0 mA	157.5 x 86.0 x 57.8
12	G2R-1AOR12W-SP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-1AOR16W-SP	348.8 mA	247.8 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm Stackable PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

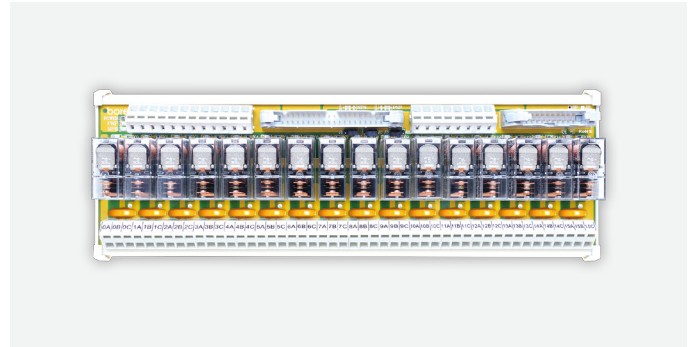
G2R-OD□□W-SLP Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G2R-OD04W-SLP	87.2 mA	66.5 x 86.0 x 57.8
5	G2R-OD05W-SLP	109.0 mA	82.7 x 86.0 x 57.8
6	G2R-OD06W-SLP	130.8 mA	97.7 x 86.0 x 57.8
8	G2R-OD08W-SLP	174.4 mA	130.0 x 86.0 x 57.8
12	G2R-OD12W-SLP	261.6 mA	187.8 x 86.0 x 57.8
16	G2R-OD16W-SLP	348.8 mA	247.8 x 86.0 x 57.8

Technical Data	
Terminal Block Type	WAGO 5.0mm Stackable PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP) and Fast Recovery Diode (COM load of contact is -) (LP)
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Mechanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

G2R-OR16WM□-SP Series



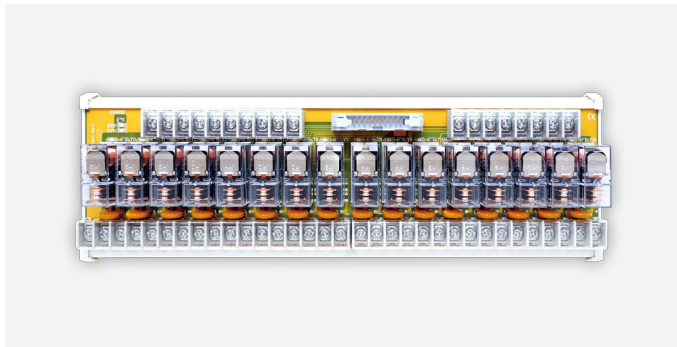
Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
16	G2R-OR16WM□-SP	348.8 mA	251.0 x 86.0 x 57.8

Model No.	Input Method	Correspond to PLC Brand	PLC Input Method
G2R-OR16WMBA1-SP	NPN/PNP	mitsubishi CNC (FCUA-DX101)	PNP
G2R-OR16WMBC1-SP	NPN/PNP	mitsubishi CNC (FCUA-DX100)	NPN
G2R-OR16WMB-SP	NPN/PNP	mitsubishi (QY41) FUJI (NP1Y32T09P1)	NPN
G2R-OR16WMKA-SP	NPN/PNP	KEYENCE (KV-C16XTD)	NPN
G2R-OR16WMW-SP	NPN/PNP	WAGO (750-1500)	PNP

Technical Data	
Terminal Block Type	WAGO 5.0mm Stackable PCB Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1c
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Mechanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr)
	DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

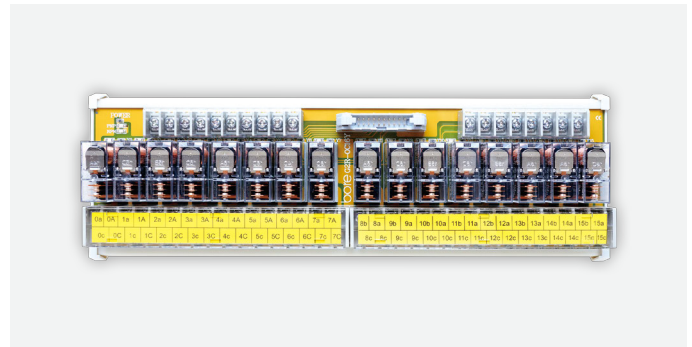
bore Relay Module | G2R Series

G2R-1AOC□□Y-SP Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-1AOC02Y-SP	43.6 mA	45.0 x 86.0 x 57.8
3	G2R-1AOC03Y-SP	65.4 mA	61.0 x 86.0 x 57.8
4	G2R-1AOC04Y-SP	87.2 mA	75.6 x 86.0 x 57.8
5	G2R-1AOC05Y-SP	109.0 mA	90.8 x 86.0 x 57.8
6	G2R-1AOC06Y-SP	130.8 mA	106.0 x 86.0 x 57.8
7	G2R-1AOC07Y-SP	152.6 mA	121.3 x 86.0 x 57.8
8	G2R-1AOC08Y-SP	174.4 mA	136.5 x 86.0 x 57.8
10	G2R-1AOC10Y-SP	218.0 mA	170.0 x 86.0 x 57.8
12	G2R-1AOC12Y-SP	261.6 mA	199.0 x 86.0 x 57.8
16	G2R-1AOC16Y-SP	348.8 mA	260.0 x 86.0 x 57.8

G2R-OC□□Y Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G2R-OC02Y	43.6 mA	43.0 x 86.0 x 57.8
3	G2R-OC03Y	65.4 mA	55.0 x 86.0 x 57.8
4	G2R-OC04Y	87.2 mA	74.0 x 86.0 x 57.8
5	G2R-OC05Y	109.0 mA	89.2 x 86.0 x 57.8
6	G2R-OC06Y	130.8 mA	103.6 x 86.0 x 57.8
7	G2R-OC07Y	152.6 mA	119.0 x 86.0 x 57.8
8	G2R-OC08Y	174.4 mA	135.0 x 86.0 x 57.8
10	G2R-OC10Y	218.0 mA	170.0 x 86.0 x 57.8
12	G2R-OC12Y	261.6 mA	202.1 x 86.0 x 57.8
16	G2R-OC16Y	348.8 mA	263.0 x 86.0 x 57.8

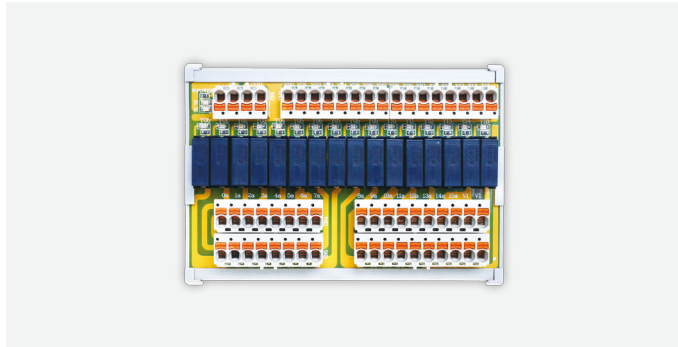
Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Relay Model No.	OMRON G2R-1-E-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1c
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Coil Rated Voltage	DC - 24V
Resistive Load	AC - 250V : 16A / DC - 30V : 16A
Inductive Load	AC - 250V : 8A / DC - 30V : 8A
Contact Max. Current	16A
Dielectric Strength (Between coil and contacts)	AC - 5,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 1,000V, 50/60 Hz for 1 min
Machanical Endurance	AC min. 10,000,000 operation (at operation frequency of 18,000 perations/hr) DC min. 20,000,000 operation (at operation frequency of 18,000 operations/hr)
Electrical Endurance	min. 100,000 operation (Specified Load) (at operation frequency of 1,800 operations/hr)

bore Relay Module | G6D Series

G6D-OC□□V Series

PUSH-IN Type

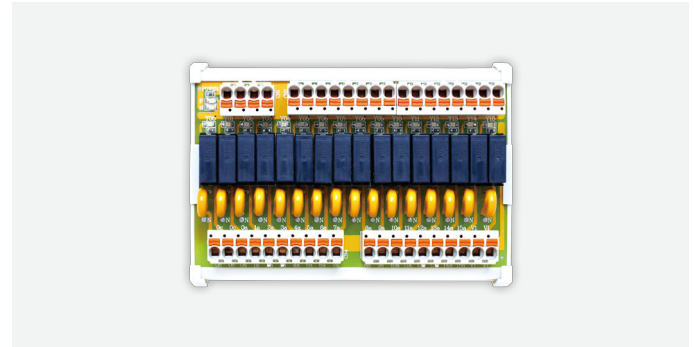


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G6D-OC04V	33.2 mA	35.0 x 86.0 x 43.8
8	G6D-OC08V	66.4 mA	65.0 x 86.0 x 43.8
8	G6D-OC08VM	66.4 mA	65.0 x 86.0 x 50.8
12	G6D-OC12V	99.6 mA	93.0 x 86.0 x 43.8
12	G6D-OC12VM	99.6 mA	93.0 x 86.0 x 50.8
16	G6D-OC16V	132.8 mA	121.3 x 86.0 x 43.8
16	G6D-OC16VM	132.8 mA	121.3 x 86.0 x 50.8
24	G6D-OC24V	199.2 mA	178.0 x 86.0 x 43.8
24	G6D-OC24VM□	199.2 mA	178.0 x 86.0 x 50.8
32	G6D-OC32VM□	265.6 mA	161.0 x 121.0 x 51.3
32	G6D-OC32VM□X	265.6 mA	235.0 x 86.0 x 50.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G6D-1A-ASI-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr) min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)

G6D-OV□□V-SP Series

PUSH-IN Type



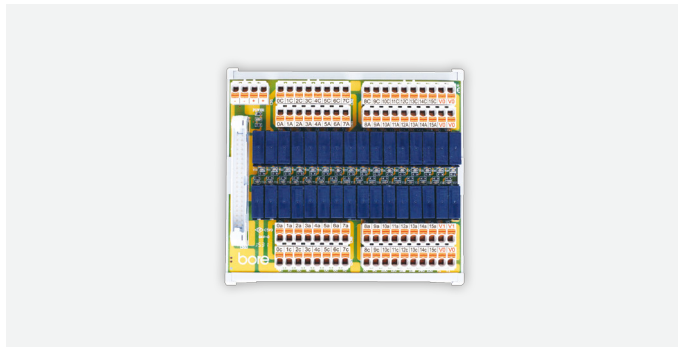
Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G6D-OV02V-SP	16.6 mA	35.0 x 86.0 x 43.8
4	G6D-OV04V-SP	33.2 mA	35.0 x 86.0 x 43.8
8	G6D-OV08V-SP	66.4 mA	65.0 x 86.0 x 43.8
8	G6D-OV08VM-SP	66.4 mA	65.0 x 86.0 x 50.8
12	G6D-OV12V-SP	99.6 mA	93.0 x 86.0 x 43.8
12	G6D-OV12VM-SP	99.6 mA	93.0 x 86.0 x 50.8
16	G6D-OV16V-SP	132.8 mA	121.3 x 86.0 x 43.8
16	G6D-OV16VM-SP	132.8 mA	121.3 x 86.0 x 50.8
24	G6D-OV24V-SP	199.2 mA	178.0 x 86.0 x 43.8
24	G6D-OV24VM□-SP	199.2 mA	178.0 x 86.0 x 50.8
32	G6D-OV32VM□-SP	265.6 mA	130.0 x 121.0 x 51.3
32	G6D-OV32VM□X-SP	265.6 mA	235.0 x 86.0 x 50.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G6D-1A-ASI-DC24
Connector Type	IDC/MIL Connector
Contact Protector	Varistor (SP)
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr) min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)

bore Relay Module | G6D Series

G6D-OR32VM□ Series

PUSH-IN Type



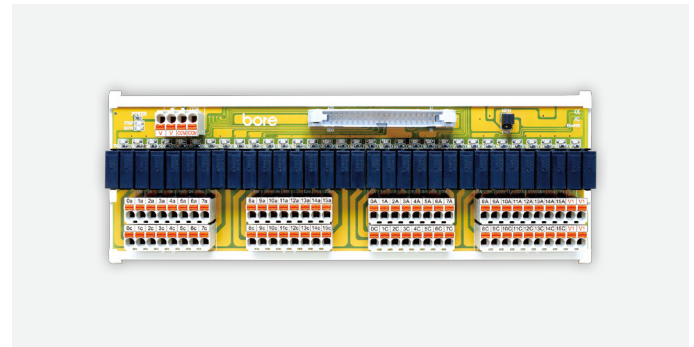
Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	G6D-OR32VM□	265.6 mA	130.0 x 121.0 x 51.3

Model No.	Input Method	Correspond to PLC Brand	PLC Input Method
G6D-OR32VMB	NPN	MITSUBISHI (QY41) FUJI (NP1Y32T09P1)	NPN
G6D-OR32VMK	NPN	KEYENCE (KV-C32TC / KC-C64TC)	NPN
G6D-OR32VMO	NPN	OMRON (CJ1W-OD231)	NPN
G6D-OR32VMOC	NPN	OMRON (CJ1W-OD233)	NPN
G6D-OR32VMP	NPN	PANASONIC (FPG-C32T / FPG-C32T2)	NPN
G6D-OR32VMS	PNP	SIEMENS (6ES7321 / 6ES7322)	PNP
G6D-OR32VMT	NPN	DELTA (DVP-32SN)	NPN
G6D-OR32VMV	PNP	ALLEN-BRADLEY (1746-OB32)	PNP
G6D-OR32VMVA	NPN	ALLEN-BRADLEY (1746-OV32)	NPN
G6D-OR32VMY	NPN	KOYO (D2-32TD1)	NPN
G6D-OR32VMO	NPN	HITACHI	NPN
G6D-OR32VMO	NPN	YOKOGAWA	NPN

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G6D-1A-ASI-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1a
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr)
	min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)

G6D-OC32V□X Series

PUSH-IN Type

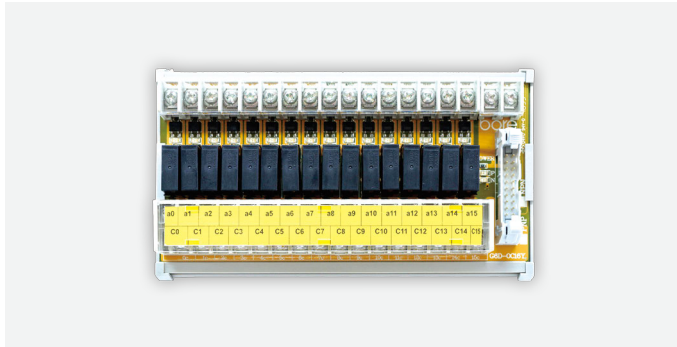


Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
32	G6D-OC32V□X	265.6 mA	235.0 x 86.0 x 50.8

Model No.	Correspond to PLC Brand	PLC Input Method
G6D-OC32VX	General Version	None
G6D-OC32VMBX	MITSUBISHI (QY41) FUJI (NP1Y32T09P1)	NPN
G6D-OC32VMKX	KEYENCE (KV-C32TC / KC-C64TC)	NPN
G6D-OC32VMOX	OMRON (CJ1W-OD231)	NPN
G6D-OC32VMOCX	OMRON (CJ1W-OD233)	NPN
G6D-OC32VMSX	SIEMENS (6ES7322)	PNP
G6D-OC32VMTX	DELTA (DVP-32SN)	NPN
G6D-OC32VMVX	ALLEN-BRADLEY (1746-OB32)	PNP
G6D-OC32VMYX	KOYO (D2-32TD1)	NPN

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Relay Model No.	OMRON G6D-1A-ASI-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr)
	min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)

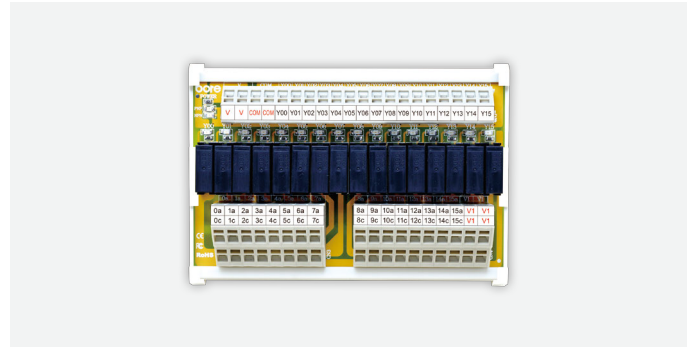
G6D-OC□□Y Series



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
4	G6D-OC04YA	33.2 mA	53.0 x 86.0 x 47.3
6	G6D-OC06Y	49.8 mA	68.0 x 86.0 x 47.3
6	G6D-OC06YA	49.8 mA	68.0 x 86.0 x 47.3
8	G6D-OC08YA	66.4 mA	84.0 x 86.0 x 47.3
12	G6D-OC12YA	99.6 mA	113.0 x 86.0 x 47.3
16	G6D-OC16Y	132.8 mA	149.0 x 86.0 x 50.8
16	G6D-OC16YA	132.8 mA	91.5 x 86.0 x 51.3
16	G6D-OC16YM2	132.8 mA	108.0 x 86.0 x 51.3
32	G6D-OC32YMB	265.6 mA	153.0 x 86.0 x 51.3

G6D-OC□□H Series

PUSH-IN Type



Channel	Model No.	Coil Rated Current	Dimension (L x W x H in mm)
2	G6D-OC02H	16.6 mA	35.2 x 86.0 x 51.3
3	G6D-OC03H	24.9 mA	35.2 x 86.0 x 51.3
4	G6D-OC04H	33.2 mA	35.2 x 86.0 x 51.3
5	G6D-OC05H	41.5 mA	45.0 x 86.0 x 51.3
6	G6D-OC06H	49.8 mA	50.3 x 86.0 x 51.3
7	G6D-OC07H	58.1 mA	57.5 x 86.0 x 51.3
8	G6D-OC08H	66.4 mA	65.0 x 86.0 x 51.3
8	G6D-OC08HM	66.4 mA	65.0 x 86.0 x 51.3
10	G6D-OC10H	83.0 mA	80.0 x 86.0 x 51.3
10	G6D-OC10HM	83.0 mA	80.0 x 86.0 x 51.3
12	G6D-OC12H	99.6 mA	93.0 x 86.0 x 51.3
12	G6D-OC12HM	99.6 mA	93.0 x 86.0 x 51.3
16	G6D-OC16H	132.8 mA	121.3 x 86.0 x 51.3
16	G6D-OC16HM	132.8 mA	121.3 x 86.0 x 51.3
20	G6D-OC20H	166.0 mA	177.0 x 86.0 x 51.3
24	G6D-OC24H	199.2 mA	178.0 x 86.0 x 51.3

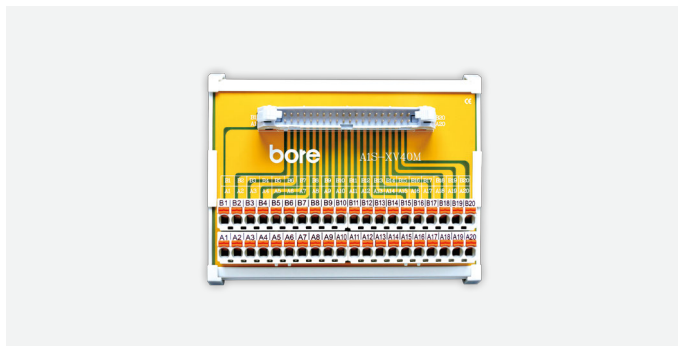
Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Relay Model No.	OMRON G6D-1A-ASI-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr) min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)

Technical Data	
Terminal Block Type	DECA 5.0mm PUSH-IN Type Stackable PCB Terminal Block
Relay Model No.	OMRON G6D-1A-ASI-DC24
Connector Type	IDC/MIL Connector
Contact Protector	None
Contact Form	1a
Input Method	NPN / PNP
Power Indicator LEDs	● Green Light
Relay Indicator LEDs	● Red Light
Ratings Contact Rated Load	AC - 250V:5A / DC - 30V:5A
Contact Max. Current	5A
Dielectric Strength (Between coil and contacts)	AC - 3,000V, 50/60 Hz for 1 min
Dielectric Strength (Between contacts of the same polarity)	AC - 750V, 50/60 Hz for 1 min
Machanical Endurance	20,000,000 operations min. (at 18,000 operations/hr)
Electrical Endurance	min. 70,000 operation (Resistive Load AC - 250V:5A / DC - 30V:5A) (at operation frequency of 1,800 operations/hr) min. 300,000 operation (Resistive Load AC - 250V:2A / DC - 30V:2A) (at operation frequency of 1,800 operations/hr)

bore Interface Module | A1S Series

A1S-XV□□M Series

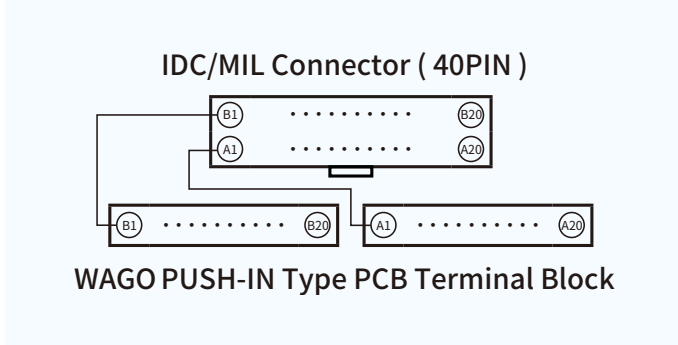
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
10	A1S-XV10M	38.0 x 86.0 x 50.8
14	A1S-XV14M	43.0 x 86.0 x 50.8
16	A1S-XV16M	48.0 x 86.0 x 50.8
20	A1S-XV20M	58.0 x 86.0 x 50.8
26	A1S-XV26M	74.0 x 86.0 x 50.8
30	A1S-XV30M	84.0 x 86.0 x 50.8
34	A1S-XV34M	93.0 x 86.0 x 50.8
40	A1S-XV40M	109.0 x 86.0 x 50.8
50	A1S-XV50M	133.0 x 86.0 x 50.8
60	A1S-XV60M	161.0 x 86.0 x 50.8

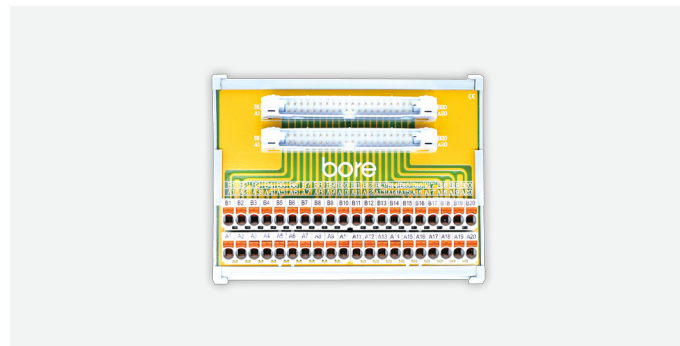
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV40M



A1S-XV□□M2 Series

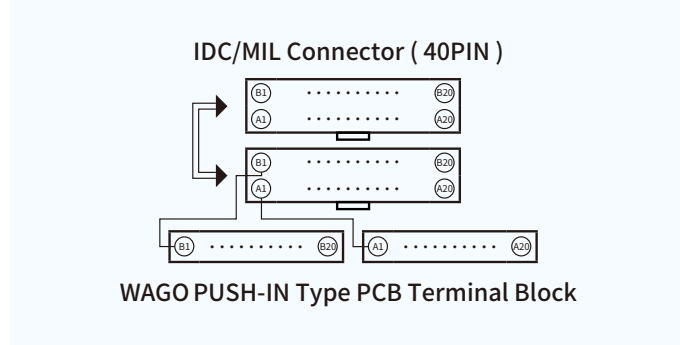
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
10	A1S-XV10M2	40.0 x 86.0 x 50.8
14	A1S-XV14M2	48.0 x 86.0 x 50.8
16	A1S-XV16M2	48.0 x 86.0 x 50.8
20	A1S-XV20M2	58.0 x 86.0 x 50.8
26	A1S-XV26M2	74.0 x 86.0 x 50.8
30	A1S-XV30M2	84.0 x 86.0 x 50.8
34	A1S-XV34M2	93.0 x 86.0 x 50.8
40	A1S-XV40M2	109.0 x 86.0 x 50.8
50	A1S-XV50M2	133.0 x 86.0 x 50.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector x 2
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

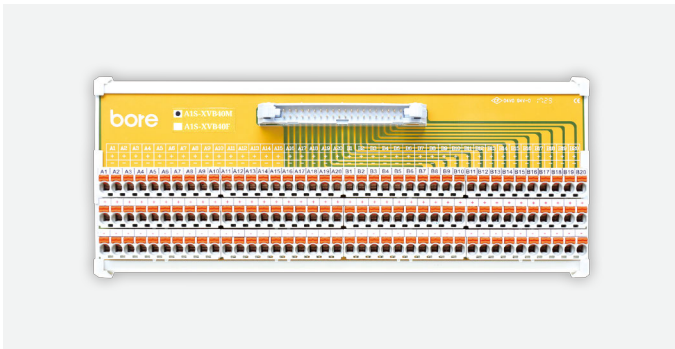
Circuit | A1S-XV40M2



I/O Wire-Saving Module

A1S-XVB□□M Series

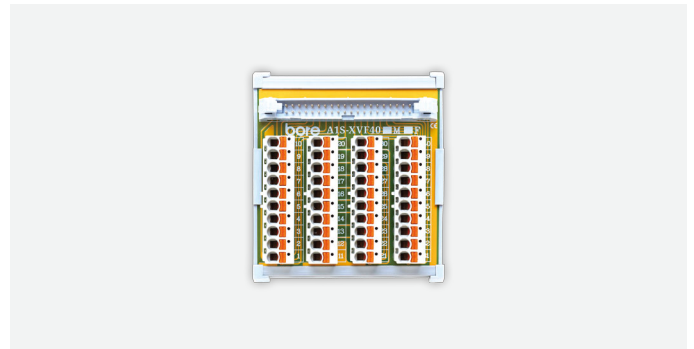
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
10	A1S-XVB10M	58.0 x 86.0 x 50.8
16	A1S-XVB16M	88.0 x 86.0 x 50.8
20	A1S-XVB20M	108.0 x 86.0 x 50.8
26	A1S-XVB26M	138.0 x 86.0 x 50.8
30	A1S-XVB30M	158.0 x 86.0 x 50.8
34	A1S-XVB34M	182.0 x 86.0 x 50.8
40	A1S-XVB40M	208.0 x 86.0 x 50.8
50	A1S-XVB50M	258.0 x 86.0 x 50.8

A1S-XVF□□M Series

PUSH-IN Type



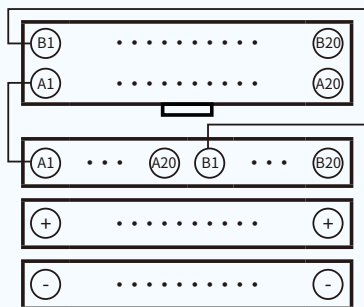
Pole	Model No.	Dimension (L x W x H in mm)
10	A1S-XVF10M	38.0 x 86.0 x 50.8
20	A1S-XVF20M	52.0 x 86.0 x 50.8
30	A1S-XVF30M	65.0 x 86.0 x 50.8
40	A1S-XVF40M	75.6 x 86.0 x 50.8
50	A1S-XVF50M	89.2 x 86.0 x 50.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XVB40M

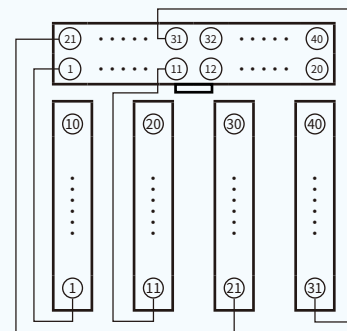
IDC/MIL Connector (40PIN)



WAGO PUSH-IN Type
PCB Terminal Block

Circuit | A1S-XVF40M

IDC/MIL Connector (40PIN)

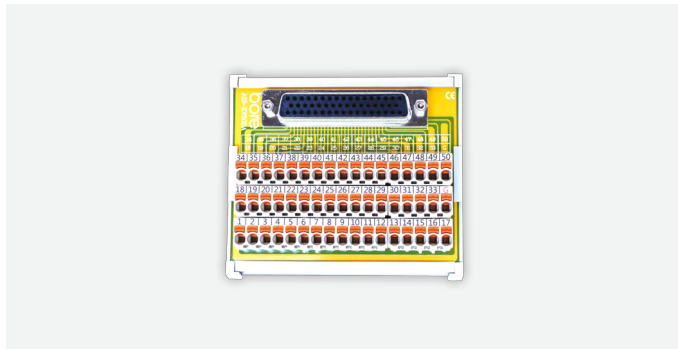


WAGO PUSH-IN
Type PCB Terminal Block

bore Interface Module | A1S Series

A1S-XV□□DA Series

PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
9	A1S-XV09DA	40.0 x 86.0 x 41.8
15	A1S-XV15DA	48.0 x 86.0 x 41.8
15	A1S-XV15DA1	40.0 x 86.0 x 41.8
25	A1S-XV25DA	75.6 x 86.0 x 41.8
26	A1S-XV26DA	54.0 x 86.0 x 41.8
37	A1S-XV37DA	106.0 x 86.0 x 41.8
44	A1S-XV44DA	86.0 x 86.0 x 41.8
50	A1S-XV50DA	95.0 x 86.0 x 41.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Female Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV50DA

D-SUB Female Connector (50PIN)



WAGO PUSH-IN Type PCB Terminal Block

A1S-XV□□DA2 Series

PUSH-IN Type

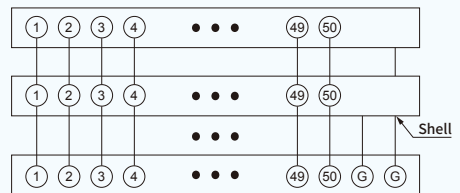


Pole	Model No.	Dimension (L x W x H in mm)
9	A1S-XV09DA2	40.0 x 86.0 x 41.8
15	A1S-XV15DA2	48.0 x 86.0 x 41.8
15	A1S-XV15DA12	48.0 x 86.0 x 41.8
25	A1S-XV25DA2	75.6 x 86.0 x 41.8
26	A1S-XV26DA2	78.0 x 86.0 x 41.8
37	A1S-XV37DA2	106.0 x 86.0 x 41.8
44	A1S-XV44DA2	125.0 x 86.0 x 41.8
50	A1S-XV50DA2	136.5 x 86.0 x 41.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Female Connector x 2
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV50DA2

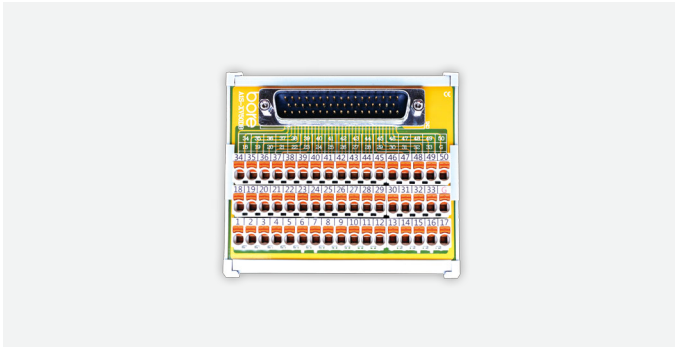
D-SUB Female Connector (50PIN) x 2



WAGO PUSH-IN Type PCB Terminal Block

A1S-XV□□DB Series

PUSH-IN Type

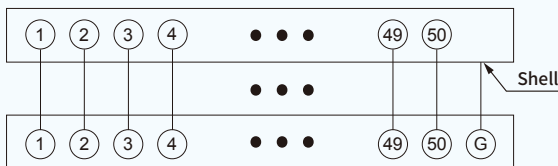


Pole	Model No.	Dimension (L x W x H in mm)
9	A1S-XV09DB	40.0 x 86.0 x 41.8
15	A1S-XV15DB	48.0 x 86.0 x 41.8
15	A1S-XV15DB1	40.0 x 86.0 x 41.8
25	A1S-XV25DB	75.6 x 86.0 x 41.8
26	A1S-XV26DB	54.0 x 86.0 x 41.8
37	A1S-XV37DB	106.0 x 86.0 x 41.8
44	A1S-XV44DB	86.0 x 86.0 x 41.8
50	A1S-XV50DB	95.0 x 86.0 x 41.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV50DB

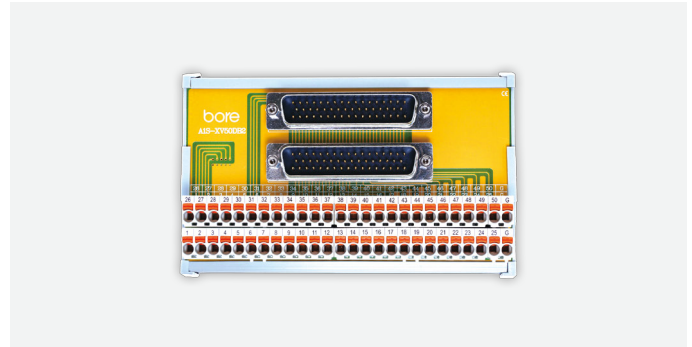
D-SUB Male Connector (50PIN)



WAGO PUSH-IN Type PCB Terminal Block

A1S-XV□□DB2 Series

PUSH-IN Type

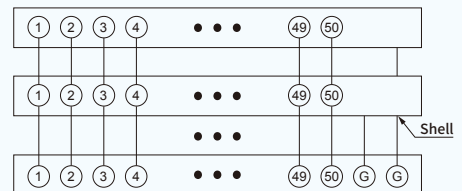


Pole	Model No.	Dimension (L x W x H in mm)
9	A1S-XV09DB2	40.0 x 86.0 x 41.8
15	A1S-XV15DB2	48.0 x 86.0 x 41.8
15	A1S-XV15DB12	40.0 x 86.0 x 41.8
25	A1S-XV25DB2	75.6 x 86.0 x 41.8
26	A1S-XV26DB2	78.0 x 86.0 x 41.8
37	A1S-XV37DB2	106.0 x 86.0 x 41.8
44	A1S-XV44DB2	125.0 x 86.0 x 41.8
50	A1S-XV50DB2	136.5 x 86.0 x 41.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Male Connector x 2
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV50DB2

D-SUB Male Connector (50PIN) x 2



WAGO PUSH-IN Type PCB Terminal Block

bore Interface Module | A1S Series

A1S-XV□□DC Series

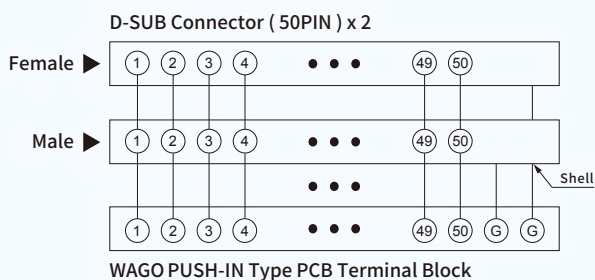
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
9	A1S-XV09DC	40.0 x 86.0 x 41.8
15	A1S-XV15DC	48.0 x 86.0 x 41.8
25	A1S-XV25DC	75.2 x 86.0 x 41.8
37	A1S-XV37DC	103.0 x 86.0 x 41.8
50	A1S-XV50DC	136.5 x 86.0 x 41.8

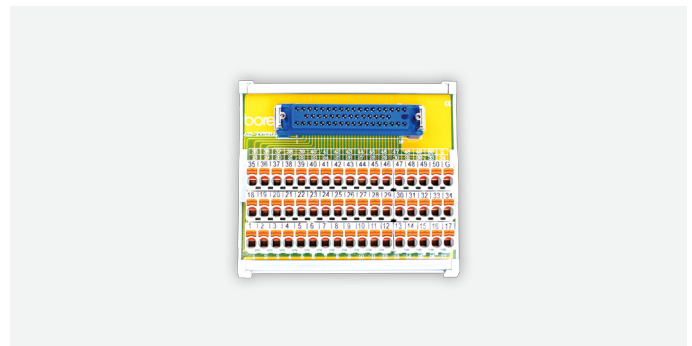
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Female Connector D-SUB Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV50DC



A1S-XV□□HA · HB Series

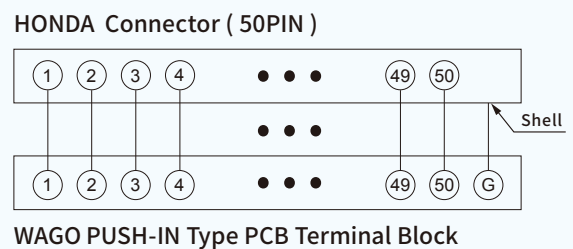
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
20	A1S-XV20HA	43.0 x 86.0 x 41.8
34	A1S-XV34HA	69.0 x 86.0 x 41.8
50	A1S-XV50HA	93.0 x 86.0 x 41.8
20	A1S-XV20HB	43.0 x 86.0 x 41.8
34	A1S-XV34HB	69.0 x 86.0 x 41.8
50	A1S-XV50HB	93.0 x 86.0 x 41.8

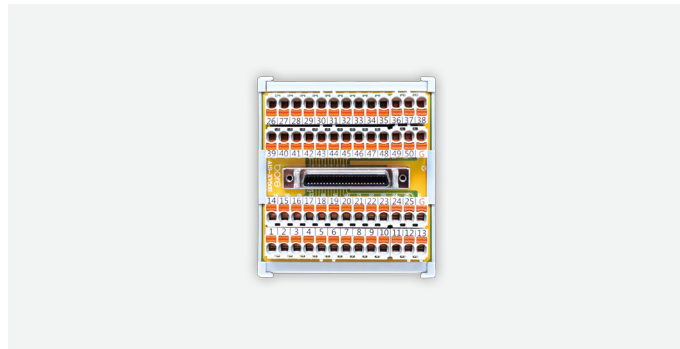
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	HA = Applied HONDA Female Connector HB = Applied HONDA Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XV50HA



A1S-XV□□S Series

PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
50	A1S-XV50S	74.0 x 86.0 x 41.8
68	A1S-XV68S	99.0 x 86.0 x 41.8
100	A1S-XV100S	141.0 x 86.0 x 41.8

A1S-XY□□S Series



Pole	Model No.	Dimension (L x W x H in mm)
50	A1S-XY50S	111.5 x 86.0 x 47.3
68	A1S-XY68S	141.0 x 86.0 x 47.3
100	A1S-XY100S	210.0 x 86.0 x 47.3

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	SCSII Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Connector Type	SCSII Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 22 AWG

Circuit | A1S-XV50S

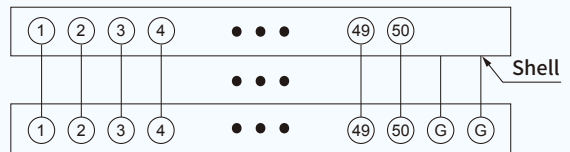
SCSII Connector (50PIN)



WAGO PUSH-IN Type PCB Terminal Block

Circuit | A1S-XY50S

SCSII Connector (50PIN)

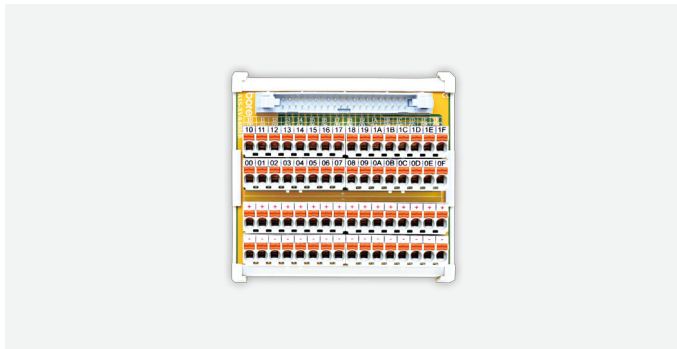


DECA Barrier Terminal Block

bore Interface Module | A1S Series

A1S-XVA40M□ Series

PUSH-IN Type

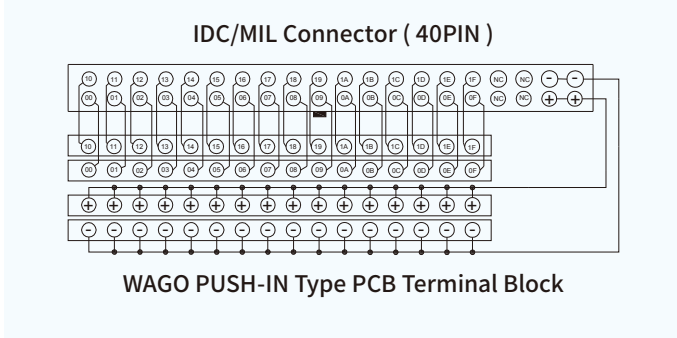


Pole	Model No.	Dimension (L x W x H in mm)
40	A1S-XVA40M□	89.2 x 86.0 x 50.8

Model No.	Correspond to PLC Brand
A1S-XVA40MB	mitsubishi (QX41 / QX71) FUJI (NP1Y32T09P1)
A1S-XVA34MK	KEYENCE (KV-C32XC)
A1S-XVA40MOA	OMRON (CJ1W-ID231)
A1S-XVA40MS	SIEMENS
A1S-XVA40MT	DELTA (DVP-32SN)
A1S-XVA40MT	DELTA (AH32AM10N-5C)
A1S-XVA40MVA	ALLEN-BRADLEY (1746-OV32)

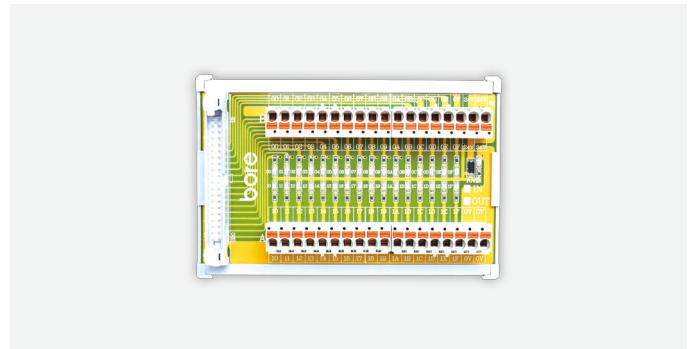
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XVA40MB



A1S-DXVC40M□ Series

PUSH-IN Type

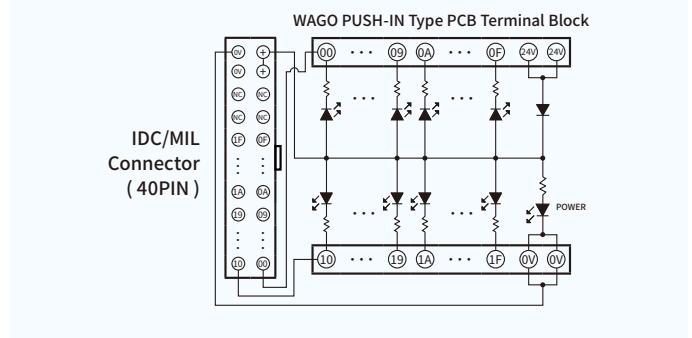


Pole	Model No.	Dimension (L x W x H in mm)
40	A1S-DXVC40M□	125.0 x 86.0 x 50.8

Model No.	Correspond to PLC Brand
A1S-DXVC40MB	mitsubishi (QX41 / QX71) FUJI (NP1Y32T09P1)
A1S-DXVC34MK	KEYENCE (KV-C32XC)
A1S-DXVC40MOA	OMRON (CJ1W-ID231)
A1S-DXVC40MOB	OMRON (CJ1W-OD231)
A1S-DXVC40MOC	OMRON (CJ1W-OD233)
A1S-DXVC40MS	SIEMENS
A1S-DXVC40MT	DELTA (DVP-32SN)
A1S-DXVC40MV	ALLEN-BRADLEY (PNP) (1746-OB32)
A1S-DXVC40MVA	ALLEN-BRADLEY (NPN) (1746-OV32)
A1S-DXVC40MY	KOYO (D2-32TD1)

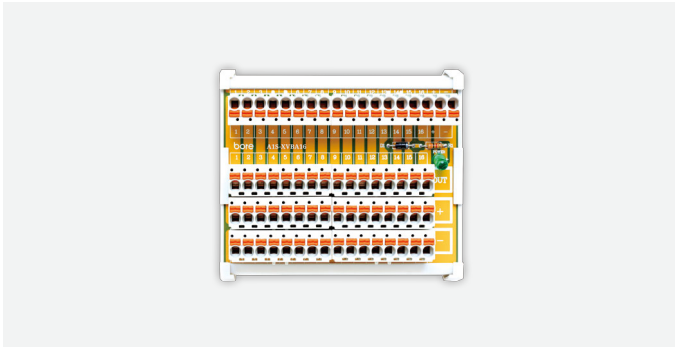
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	● Yellow Light
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-DXVC40MB



A1S-XVBA□□ Series

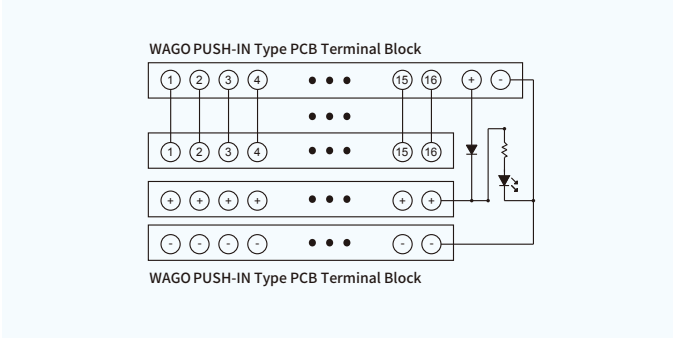
PUSH-IN Type



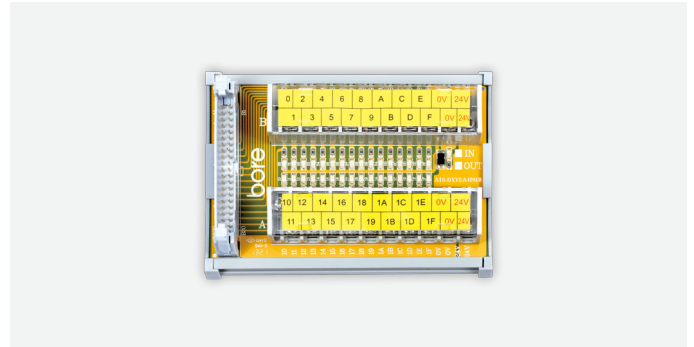
Pole	Model No.	Dimension (L x W x H in mm)
4	A1S-XVBA04	38.0 x 86.0 x 41.8
5	A1S-XVBA05	43.0 x 86.0 x 41.8
6	A1S-XVBA06	48.0 x 86.0 x 41.8
7	A1S-XVBA07	53.0 x 86.0 x 41.8
8	A1S-XVBA08	58.0 x 86.0 x 41.8
9	A1S-XVBA09	61.0 x 86.0 x 41.8
10	A1S-XVBA10	66.5 x 86.0 x 41.8
12	A1S-XVBA12	77.0 x 86.0 x 41.8
14	A1S-XVBA14	86.0 x 86.0 x 41.8
16	A1S-XVBA16	97.7 x 86.0 x 41.8

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Relay Indicator LEDs	None
Rated Voltage	DC-30V
Rated Current	2A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | A1S-XVBA16



A1S-DXYEA40M□ Series

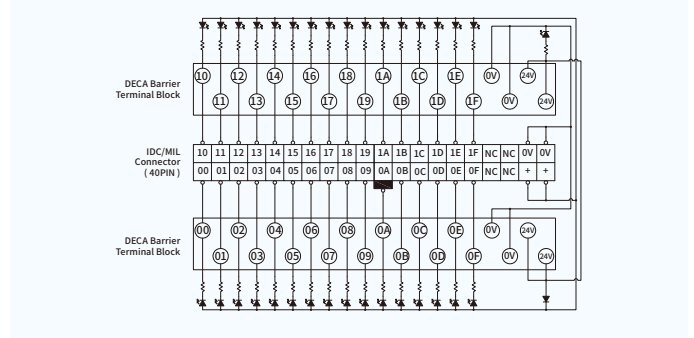


Pole	Model No.	Dimension (L x W x H in mm)
40	A1S-DXYEA40M□	113.0 x 86.0 x 50.8

Model No.	Correspond to PLC Brand
A1S-DXYEA40MB	MITSUBISHI (QX41 / QX71) FUJI (NP1Y32T09P1)
A1S-DXYEA34MK	KEYENCE (KV-C32XC)
A1S-DXYEA40MOA	OMRON (CJ1W-ID231)
A1S-DXYEA40MOB	OMRON (CJ1W-OD231)
A1S-DXYEA40MOC	OMRON (CJ1W-OD233)
A1S-DXYEA40MS	SIEMENS
A1S-DXYEA40MT	DELTA (DVP-32SN)
A1S-DXYEA40MV	ALLEN-BRADLEY (PNP) (1746-OB32)
A1S-DXYEA40MVA	ALLEN-BRADLEY (NPN) (1746-OV32)
A1S-DXYEA40MY	KOYO (D2-32TD1)

Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	● Yellow Light
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 22 AWG

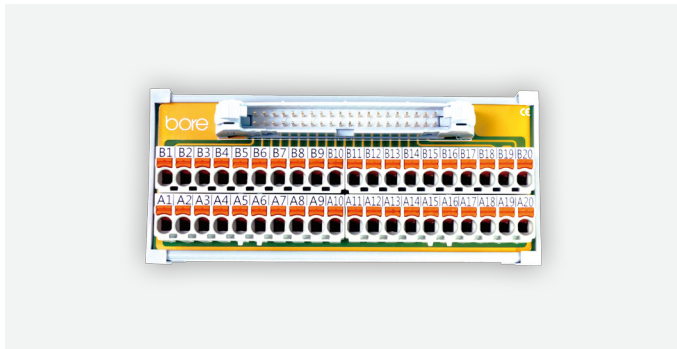
Circuit | A1S-DXYEA40MB



bore Interface Module | CJ1 Series

CJ1-XV□□M Series

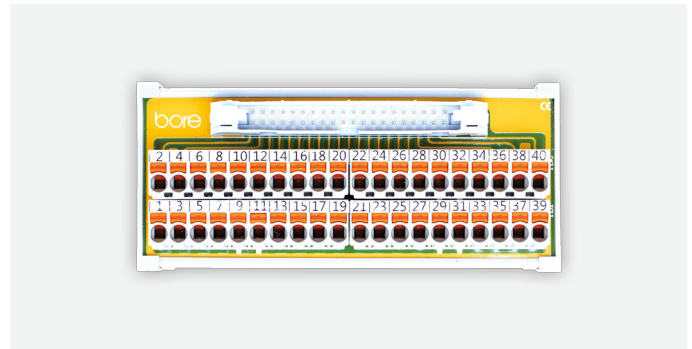
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XV10M	38.0 x 48.0 x 45.9
14	CJ1-XV14M	43.0 x 48.0 x 45.9
16	CJ1-XV16M	49.0 x 48.0 x 45.9
20	CJ1-XV20M	58.0 x 48.0 x 45.9
26	CJ1-XV26M	73.0 x 48.0 x 45.9
30	CJ1-XV30M	83.0 x 48.0 x 45.9
34	CJ1-XV34M	93.0 x 48.0 x 45.9
40	CJ1-XV40M	108.0 x 48.0 x 45.9
50	CJ1-XV50M	133.0 x 48.0 x 45.9
60	CJ1-XV60M	161.0 x 48.0 x 45.9
64	CJ1-XV64M	170.5 x 48.0 x 45.9

CJ1-XV□□MA Series

PUSH-IN Type

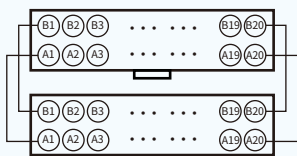


Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XV10MA	38.0 x 48.0 x 45.9
14	CJ1-XV14MA	43.0 x 48.0 x 45.9
16	CJ1-XV16MA	49.0 x 48.0 x 45.9
20	CJ1-XV20MA	58.0 x 48.0 x 45.9
26	CJ1-XV26MA	73.0 x 48.0 x 45.9
30	CJ1-XV30MA	83.0 x 48.0 x 45.9
34	CJ1-XV34MA	93.0 x 48.0 x 45.9
40	CJ1-XV40MA	108.0 x 48.0 x 45.9
50	CJ1-XV50MA	133.0 x 48.0 x 45.9
60	CJ1-XV60MA	161.0 x 48.0 x 45.9
64	CJ1-XV64MA	170.5 x 48.0 x 45.9

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-XV40M

IDC/MIL Connector (40PIN)



WAGO PUSH-IN Type
PCB Terminal Block

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-XV40MA

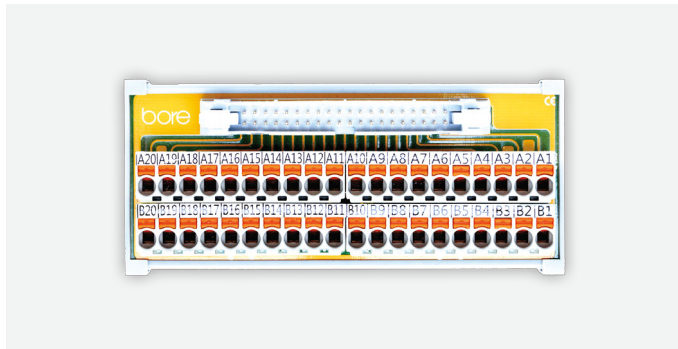
IDC/MIL Connector (40PIN)



WAGO PUSH-IN Type PCB Terminal Block

CJ1-XV□□MC Series

PUSH-IN Type

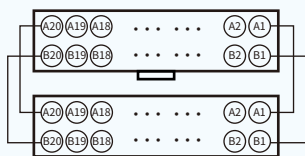


Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XV10MC	38.0 x 48.0 x 45.9
14	CJ1-XV14MC	43.0 x 48.0 x 45.9
16	CJ1-XV16MC	49.0 x 48.0 x 45.9
20	CJ1-XV20MC	58.0 x 48.0 x 45.9
26	CJ1-XV26MC	73.0 x 48.0 x 45.9
30	CJ1-XV30MC	83.0 x 48.0 x 45.9
34	CJ1-XV34MC	93.0 x 48.0 x 45.9
40	CJ1-XV40MC	108.0 x 48.0 x 45.9
50	CJ1-XV50MC	133.0 x 48.0 x 45.9
60	CJ1-XV60MC	161.0 x 48.0 x 45.9

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-XV40MC

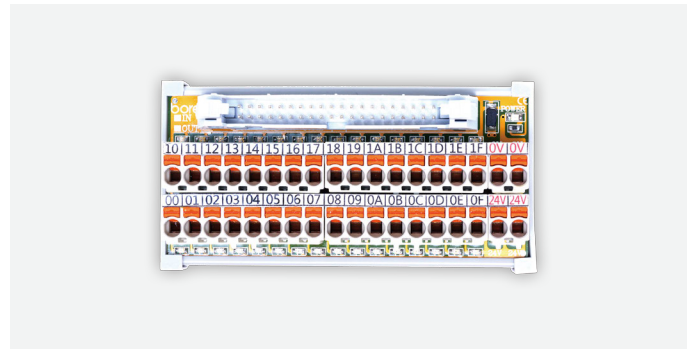
IDC/MIL Connector (40PIN)



WAGO PUSH-IN Type PCB Terminal Block

CJ1-DXV40M□ Series

PUSH-IN Type



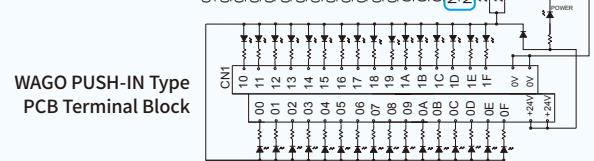
Pole	Model No.	Dimension (L x W x H in mm)
40	CJ1-DXV40M□	95.0 x 48.0 x 45.9
40	CJ1-DXV40MT	103.0 x 48.0 x 45.9

Model No.	Correspond to PLC Brand
CJ1-DXV40MB	MITSUBISHI (QX41 / QX71) FUJI (NP1Y32T09P1)
CJ1-DXV34MK	KEYENCE (KV-C32XC)
CJ1-DXV40MOA	OMRON (CJ1W-ID231)
CJ1-DXV40MOB	OMRON (CJ1W-OD231)
CJ1-DXV40MOC	OMRON (CJ1W-OD233)
CJ1-DXV40MP	PANASONIC
CJ1-DXV40MS	SIEMENS
CJ1-DXV40MT	DELTA (DVP-32SN)
CJ1-DXV40MV	ALLEN-BRADLEY (PNP) (1746-OB32)
CJ1-DXV40MVA	ALLEN-BRADLEY (NPN) (1746-OV32)
CJ1-DXV40MY	KOYO (D2-32TD1)

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	● Yellow Light
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-DXV40MB

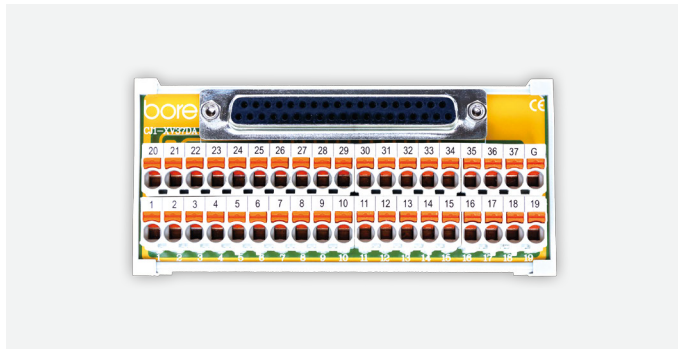
IDC / MIL Connector (40PIN)



bore Interface Module | CJ1 Series

CJ1-XV□□DA Series

PUSH-IN Type

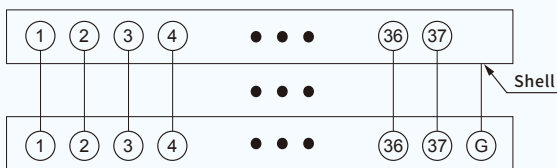


Pole	Model No.	Dimension (L x W x H in mm)
9	CJ1-XV09DA	38.0 x 48.0 x 36.9
15	CJ1-XV15DA	49.0 x 48.0 x 36.9
15	CJ1-XV15DA1	49.0 x 48.0 x 36.9
25	CJ1-XV25DA	73.0 x 48.0 x 36.9
26	CJ1-XV26DA	75.0 x 48.0 x 36.9
37	CJ1-XV37DA	103.0 x 48.0 x 36.9
44	CJ1-XV44DA	126.5 x 48.0 x 36.9
50	CJ1-XV50DA	138.0 x 48.0 x 36.9

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Female Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-XV37DA

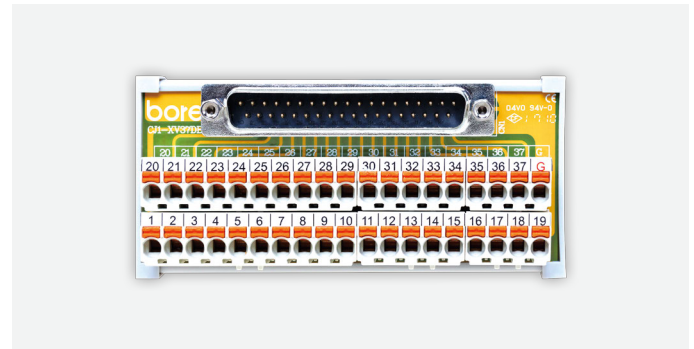
D-SUB Female Connector (37PIN)



WAGO PUSH-IN Type PCB Terminal Block

CJ1-XV□□DB Series

PUSH-IN Type

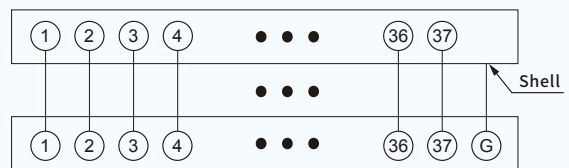


Pole	Model No.	Dimension (L x W x H in mm)
9	CJ1-XV09DB	38.0 x 48.0 x 36.9
15	CJ1-XV15DB	49.0 x 48.0 x 36.9
15	CJ1-XV15DB1	49.0 x 48.0 x 36.9
25	CJ1-XV25DB	73.0 x 48.0 x 36.9
26	CJ1-XV26DB	75.0 x 48.0 x 36.9
37	CJ1-XV37DB	103.0 x 48.0 x 36.9
44	CJ1-XV44DB	126.5 x 48.0 x 36.9
50	CJ1-XV50DB	138.0 x 48.0 x 36.9

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	D-SUB Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-XV37DB

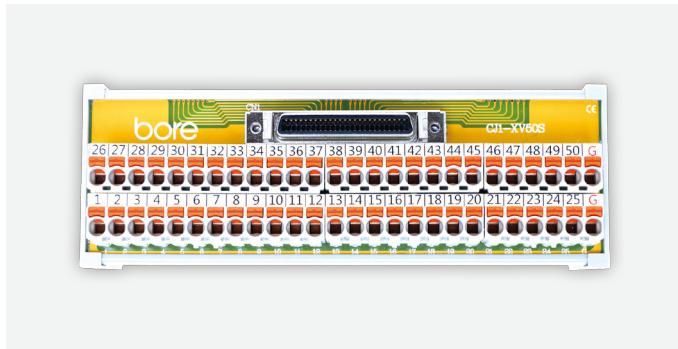
D-SUB Male Connector (37PIN)



WAGO PUSH-IN Type PCB Terminal Block

CJ1-XV□□S Series

PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
14	CJ1-XV14S	49.0 x 48.0 x 36.9
20	CJ1-XV20S	63.0 x 48.0 x 36.9
26	CJ1-XV26S	78.0 x 48.0 x 36.9
36	CJ1-XV36S	103.0 x 48.0 x 36.9
50	CJ1-XV50S	138.0 x 48.0 x 36.9

Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	SCSI Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

Circuit | CJ1-XV50S

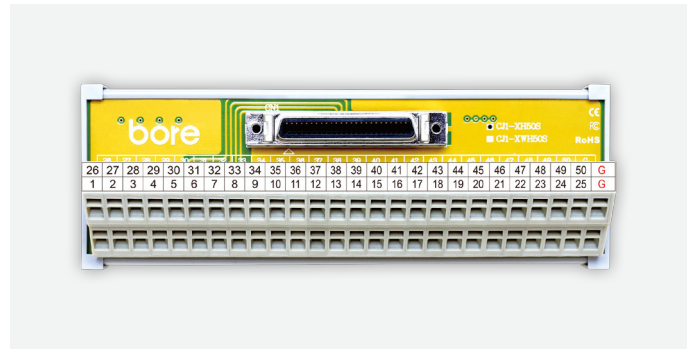
SCSI Connector (50PIN)



WAGO PUSH-IN Type PCB Terminal Block

CJ1-XH□□S Series

PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
14	CJ1-XH14S	49.0 x 48.0 x 46.4
20	CJ1-XH20S	63.0 x 48.0 x 46.4
26	CJ1-XH26S	78.0 x 48.0 x 46.4
36	CJ1-XH36S	103.0 x 48.0 x 46.4
50	CJ1-XH50S	138.0 x 48.0 x 46.4

Technical Data	
Terminal Block Type	DECA 5.0mm PUSH-IN Type Stackable PCB Terminal Block
Connector Type	SCSI Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 28 AWG

Circuit | CJ1-XH50S

SCSI Connector (50PIN)

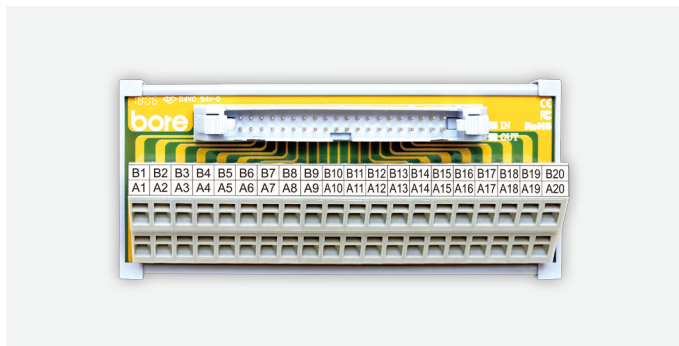


DECA PUSH-IN Type Stackable PCB Terminal Block

bore Interface Module | CJ1 Series

CJ1-XH□□M Series

PUSH-IN Type

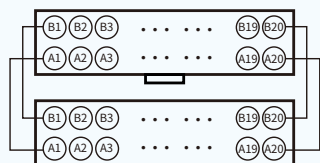


Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XH10M	38.0 x 48.0 x 46.4
14	CJ1-XH14M	43.0 x 48.0 x 46.4
16	CJ1-XH16M	49.0 x 48.0 x 46.4
20	CJ1-XH20M	58.0 x 48.0 x 46.4
26	CJ1-XH26M	73.0 x 48.0 x 46.4
30	CJ1-XH30M	83.0 x 48.0 x 46.4
34	CJ1-XH34M	93.0 x 48.0 x 46.4
40	CJ1-XH40M	108.0 x 48.0 x 46.4
50	CJ1-XH50M	133.0 x 48.0 x 46.4
60	CJ1-XH60M	161.0 x 48.0 x 46.4
64	CJ1-XH64M	170.5 x 48.0 x 46.4

Technical Data	
Terminal Block Type	DECA 5.0mm PUSH-IN Type Stackable PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 28 AWG

Circuit | CJ1-XH40M

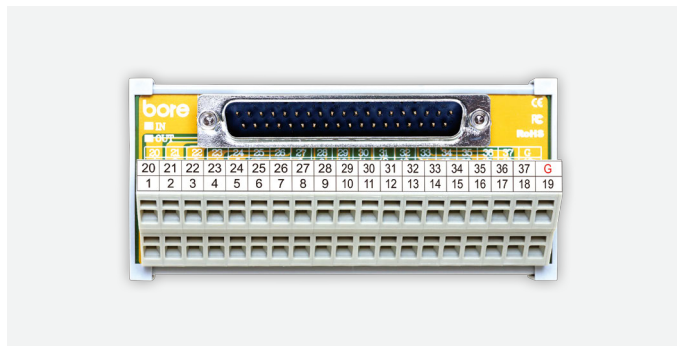
IDC/MIL Connector (40PIN)



DECA PUSH-IN Type
Stackable PCB Terminal Block

CJ1-XH□□DB Series

PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
9	CJ1-XH09DB	38.0 x 48.0 x 46.4
15	CJ1-XH15DB	49.0 x 48.0 x 46.4
15	CJ1-XH15DB1	49.0 x 48.0 x 46.4
25	CJ1-XH25DB	73.0 x 48.0 x 46.4
26	CJ1-XH26DB	83.0 x 48.0 x 46.4
37	CJ1-XH37DB	103.0 x 48.0 x 46.4
44	CJ1-XH44DB	126.5 x 48.0 x 46.4
50	CJ1-XH50DB	138.0 x 48.0 x 46.4

Technical Data	
Terminal Block Type	DECA 5.0mm PUSH-IN Type Stackable PCB Terminal Block
Connector Type	D-SUB Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 28 AWG

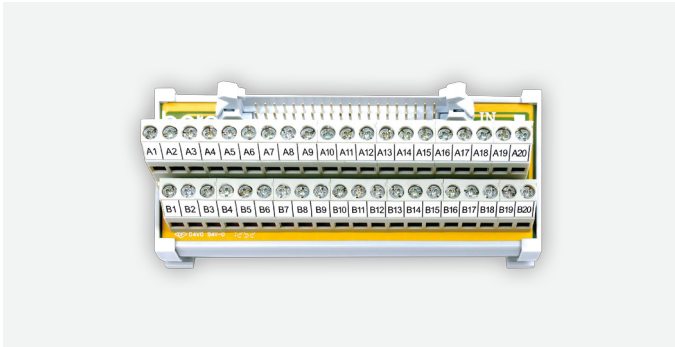
Circuit | CJ1-XH37DB

D-SUB Male Connector (37PIN)



DECA PUSH-IN Type Stackable PCB Terminal Block

CJ1-XO□□M Series

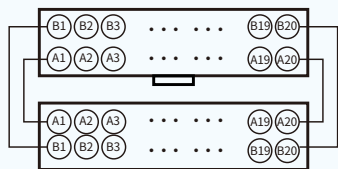


Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XO10M	38.0 x 48.0 x 52.4
14	CJ1-XO14M	43.0 x 48.0 x 52.4
16	CJ1-XO16M	49.0 x 48.0 x 52.4
20	CJ1-XO20M	58.0 x 48.0 x 52.4
26	CJ1-XO26M	73.0 x 48.0 x 52.4
30	CJ1-XO30M	83.0 x 48.0 x 52.4
34	CJ1-XO34M	93.0 x 48.0 x 52.4
40	CJ1-XO40M	108.0 x 48.0 x 52.4
50	CJ1-XO50M	133.0 x 48.0 x 52.4
60	CJ1-XO60M	161.0 x 48.0 x 52.4
64	CJ1-XO64M	170.5 x 48.0 x 52.4

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	10 ~ 28 AWG

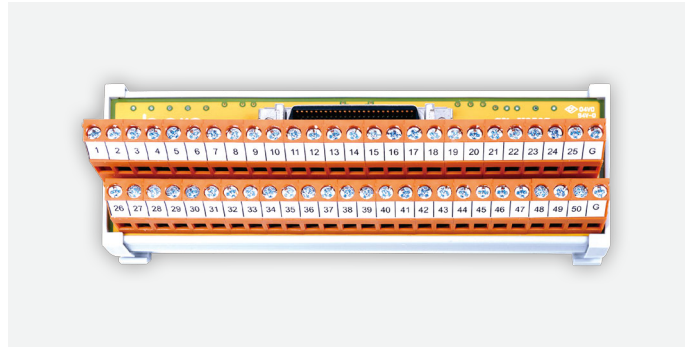
Circuit | CJ1-XO40M

IDC/MIL Connector (40PIN)



DECA PCB Terminal Block

CJ1-XO□□S Series



Pole	Model No.	Dimension (L x W x H in mm)
14	CJ1-XO14S	49.0 x 48.0 x 52.4
20	CJ1-XO20S	63.0 x 48.0 x 52.4
26	CJ1-XO26S	78.0 x 48.0 x 52.4
36	CJ1-XO36S	103.0 x 48.0 x 52.4
50	CJ1-XO50S	138.0 x 48.0 x 52.4

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Connector Type	SCSI Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	10 ~ 28 AWG

Circuit | CJ1-XO50S

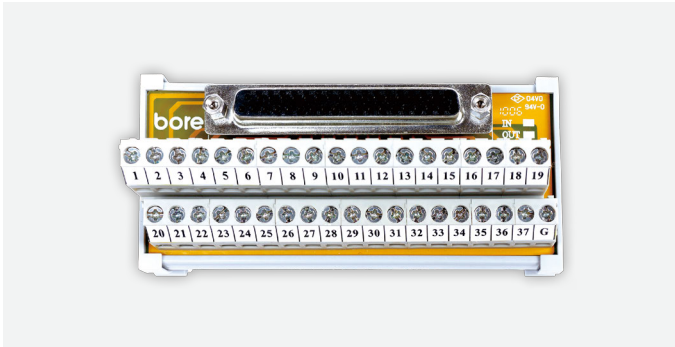
SCSI Connector (50PIN)



DECA PCB Terminal Block

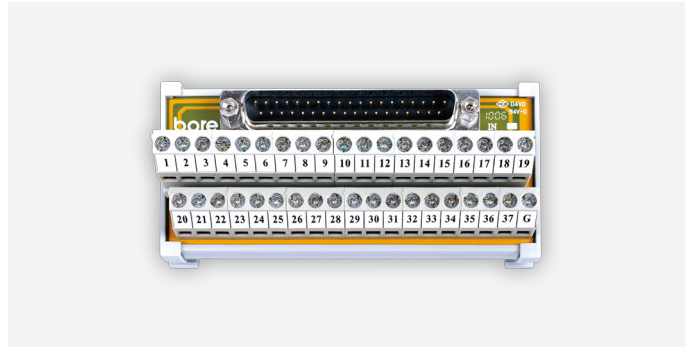
bore Interface Module | CJ1 Series

CJ1-XO□□DA Series



Pole	Model No.	Dimension (L x W x H in mm)
9	CJ1-XO09DA	38.0 x 48.0 x 52.4
15	CJ1-XO15DA	49.0 x 48.0 x 52.4
15	CJ1-XO15DA1	49.0 x 48.0 x 52.4
25	CJ1-XO25DA	73.0 x 48.0 x 52.4
26	CJ1-XO26DA	83.0 x 48.0 x 52.4
37	CJ1-XO37DA	103.0 x 48.0 x 52.4
44	CJ1-XO44DA	126.5 x 48.0 x 52.4
50	CJ1-XO50DA	141.0 x 48.0 x 52.4

CJ1-XO□□DB Series

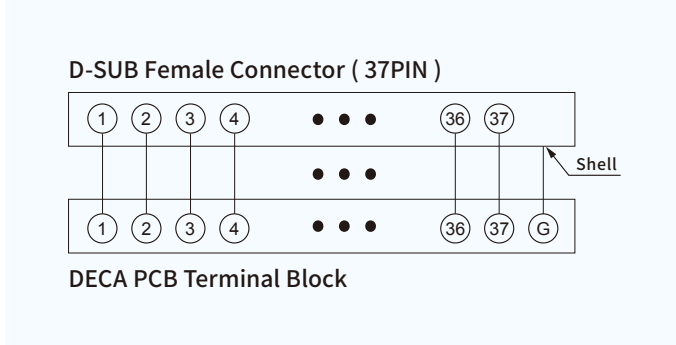


Pole	Model No.	Dimension (L x W x H in mm)
9	CJ1-XO09DB	38.0 x 48.0 x 52.4
15	CJ1-XO15DB	49.0 x 48.0 x 52.4
15	CJ1-XO15DB1	49.0 x 48.0 x 52.4
25	CJ1-XO25DB	73.0 x 48.0 x 52.4
26	CJ1-XO26DB	83.0 x 48.0 x 52.4
37	CJ1-XO37DB	103.0 x 48.0 x 52.4
44	CJ1-XO44DB	126.5 x 48.0 x 52.4
50	CJ1-XO50DB	141.0 x 48.0 x 52.4

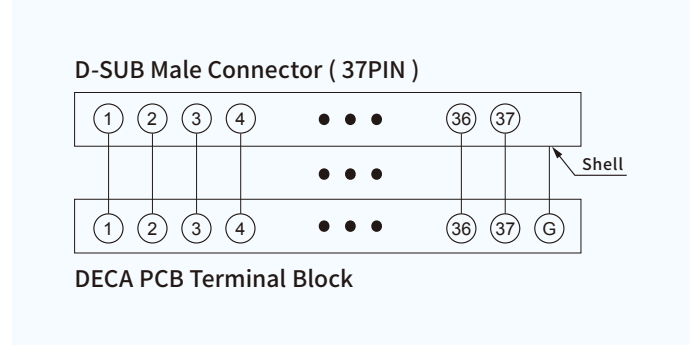
Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Connector Type	D-SUB Female Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	10 ~ 28 AWG

Technical Data	
Terminal Block Type	DECA 5.0mm PCB Terminal Block
Connector Type	D-SUB Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	10 ~ 28 AWG

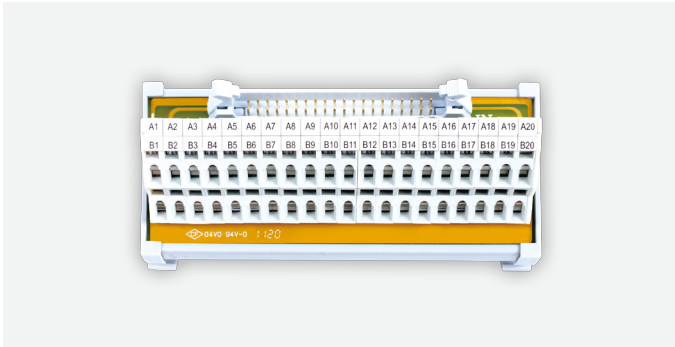
Circuit | CJ1-XV37DA



Circuit | CJ1-XV37DB



CJ1-XW□□M Series

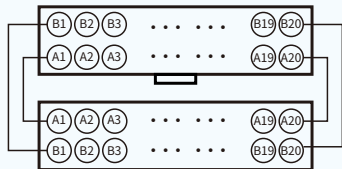


Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XW10M	38.0 x 48.0 x 47.6
14	CJ1-XW14M	43.0 x 48.0 x 47.6
16	CJ1-XW16M	49.0 x 48.0 x 47.6
20	CJ1-XW20M	58.0 x 48.0 x 47.6
26	CJ1-XW26M	73.0 x 48.0 x 47.6
30	CJ1-XW30M	83.0 x 48.0 x 47.6
34	CJ1-XW34M	93.0 x 48.0 x 47.6
40	CJ1-XW40M	108.0 x 48.0 x 47.6
50	CJ1-XW50M	133.0 x 48.0 x 47.6
60	CJ1-XW60M	161.0 x 48.0 x 47.6
64	CJ1-XW64M	170.5 x 48.0 x 47.6

Technical Data	
Terminal Block Type	WAGO 5.0mm PCB Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	12 ~ 28 AWG

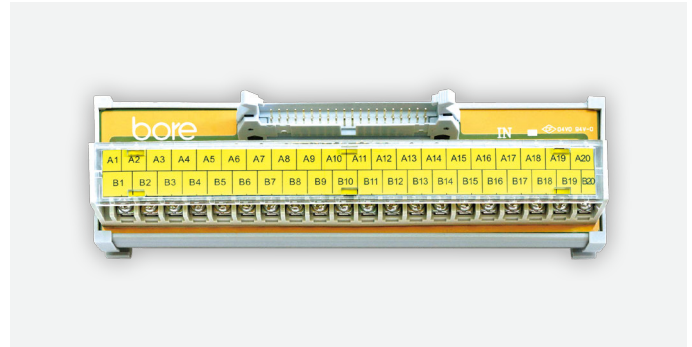
Circuit | CJ1-XW40M

IDC/MIL Connector (40PIN)



WAGO PCB Terminal Block

CJ1-XY□□M Series

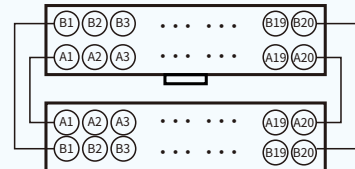


Pole	Model No.	Dimension (L x W x H in mm)
10	CJ1-XY10M	49.0 x 48.0 x 45.9
14	CJ1-XY14M	64.5 x 48.0 x 45.9
16	CJ1-XY16M	73.0 x 48.0 x 45.9
20	CJ1-XY20M	87.2 x 48.0 x 45.9
26	CJ1-XY26M	110.0 x 48.0 x 45.9
30	CJ1-XY30M	131.2 x 48.0 x 45.9
34	CJ1-XY34M	141.0 x 48.0 x 45.9
40	CJ1-XY40M	164.0 x 48.0 x 45.9
50	CJ1-XY50M	202.0 x 48.0 x 45.9
60	CJ1-XY60M	246.0 x 48.0 x 45.9

Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 22 AWG

Circuit | CJ1-XY40M

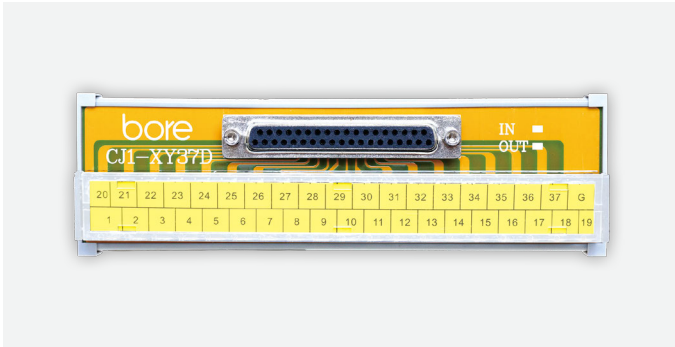
IDC/MIL Connector (40PIN)



DECA Barrier Terminal Block

bore Interface Module | CJ1 Series

CJ1-XY□□DA·DB Series

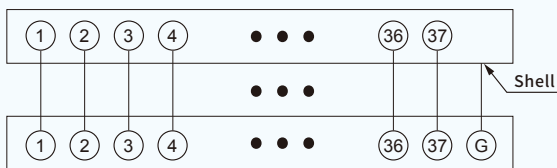


Pole	Model No.	Dimension (L x W x H in mm)
9	CJ1-XY09DA	49.0 x 48.0 x 42.4
15	CJ1-XY15DA	73.0 x 48.0 x 42.4
25	CJ1-XY25DA	110.0 x 48.0 x 42.4
37	CJ1-XY37DA	156.0 x 48.0 x 42.4
9	CJ1-XY09DB	49.0 x 48.0 x 42.4
15	CJ1-XY15DB	73.0 x 48.0 x 42.4
25	CJ1-XY25DB	110.0 x 48.0 x 42.4
37	CJ1-XY37DB	156.0 x 48.0 x 42.4

Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Connector Type	DA = Applied D-SUB Female Connector DB = Applied D-SUB Male Connector
Relay Indicator LEDs	None
Rated Voltage	AC-125V ~ DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 22 AWG

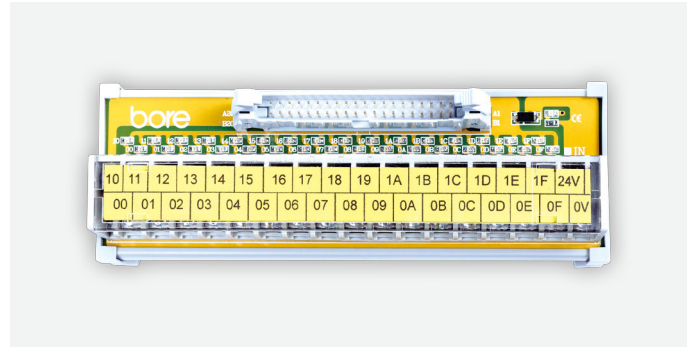
Circuit | CJ1-XY37DA

D-SUB Connector (37 PIN)



DECA Barrier Terminal Block

CJ1-DXYH40M□ Series

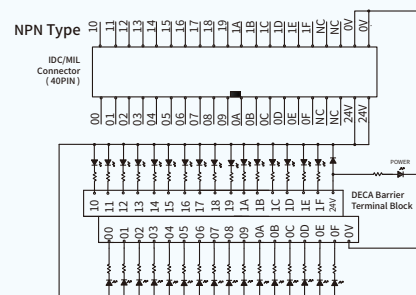


Pole	Model No.	Dimension (L x W x H in mm)
40	CJ1-DXYH40M□	141.0 x 48.0 x 45.9

Model No.	Correspond to PLC Brand
CJ1-DXYH40MB	MITSUBISHI (QX41 / QX71) FUJI (NP1Y32T09P1)
CJ1-DXYH34MK	KEYENCE (KV-C32XC)
CJ1-DXYH40MOA	OMRON (CJ1W-ID231)
CJ1-DXYH40MOB	OMRON (CJ1W-OD231)
CJ1-DXYH40MOC	OMRON (CJ1W-OD233)
CJ1-DXYH40MP	PANASONIC
CJ1-DXYH40MS	SIEMENS
CJ1-DXYH40MT	DELTA (DVP-32SN)
CJ1-DXYH40MV	ALLEN-BRADLEY (PNP) (1746-OB32)
CJ1-DXYH40MVA	ALLEN-BRADLEY (NPN) (1746-OV32)
CJ1-DXYH40MY	KOYO (D2-32TD1)

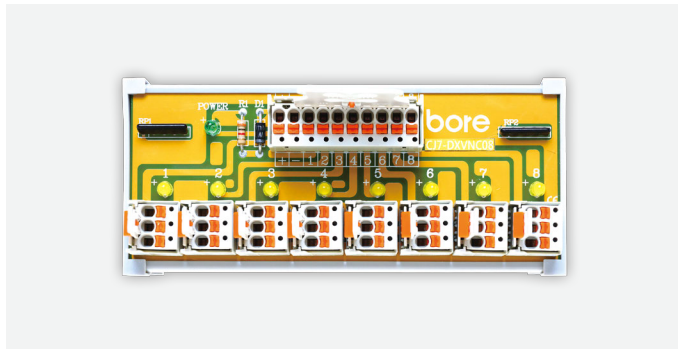
Technical Data	
Terminal Block Type	DECA 7.62mm Barrier Terminal Block
Connector Type	IDC/MIL Connector
Relay Indicator LEDs	● Yellow Light
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 22 AWG

Circuit | CJ1-DXYH40MB



CJ7-DXVNC□□ Series

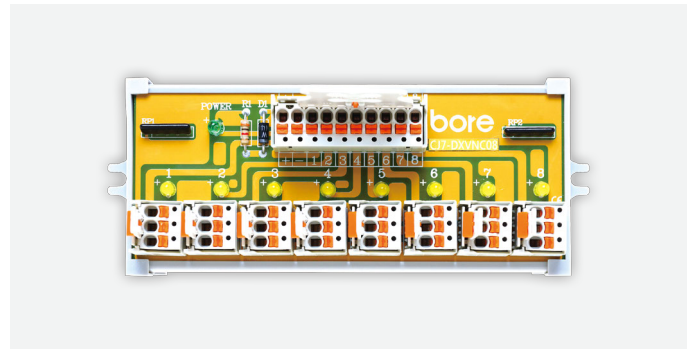
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
2	CJ7-DXVNC02	31.6 x 48.0 x 53.2
3	CJ7-DXVNC03	44.4 x 48.0 x 53.2
4	CJ7-DXVNC04	58.0 x 48.0 x 53.2
5	CJ7-DXVNC05	70.0 x 48.0 x 53.2
6	CJ7-DXVNC06	83.0 x 48.0 x 53.2
8	CJ7-DXVNC08	108.0 x 48.0 x 53.2
10	CJ7-DXVNC10	134.0 x 48.0 x 53.2
12	CJ7-DXVNC12	159.6 x 48.0 x 53.2
16	CJ7-DXVNC16	213.0 x 48.0 x 53.2

CJ7-DXVNC□□-F Series

PUSH-IN Type

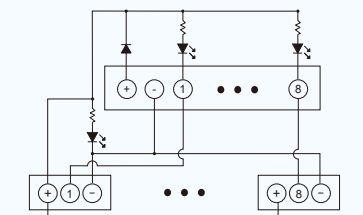


Pole	Model No.	Dimension (L x W x H in mm)
2	CJ7-DXVNC02-F	43.6 x 48.0 x 48.0
3	CJ7-DXVNC03-F	56.4 x 48.0 x 48.0
4	CJ7-DXVNC04-F	70.0 x 48.0 x 48.0
5	CJ7-DXVNC05-F	82.0 x 48.0 x 48.0
6	CJ7-DXVNC06-F	95.0 x 48.0 x 48.0
8	CJ7-DXVNC08-F	120.0 x 48.0 x 48.0
10	CJ7-DXVNC10-F	146.0 x 48.0 x 48.0
12	CJ7-DXVNC12-F	171.6 x 48.0 x 48.0
16	CJ7-DXVNC16-F	222.8 x 48.0 x 48.0

Technical Data	
Terminal Block Type	WAGO 3.5mm Pluggable PCB Terminal Block & Male Header & Gripping Plate with Sliding Connector Release
Connector Type	None
Relay Indicator LEDs	● Yellow Light
Base / Housing Version	DIN-Rail
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 28 AWG

Circuit | CJ7-DXVNC08

WAGO PUSH-IN Type PCB Terminal Block

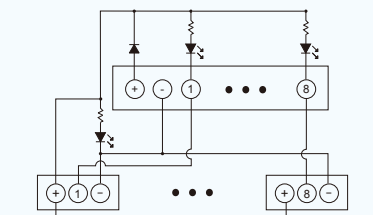


WAGO PUSH-IN Type PCB Terminal Block

Technical Data	
Terminal Block Type	WAGO 3.5mm Pluggable PCB Terminal Block & Male Header & Gripping Plate with Sliding Connector Release
Connector Type	None
Relay Indicator LEDs	● Yellow Light
Base / Housing Version	Screw Type
Rated Voltage	DC-30V
Rated Current	1A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	14 ~ 28 AWG

Circuit | CJ7-DXVNC08-F

WAGO PUSH-IN Type PCB Terminal Block

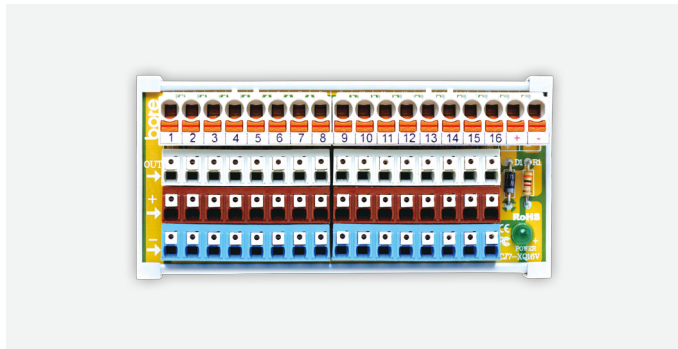


WAGO PUSH-IN Type PCB Terminal Block

bore Interface Module | CJ7 Series

CJ7-XQ□□V Series

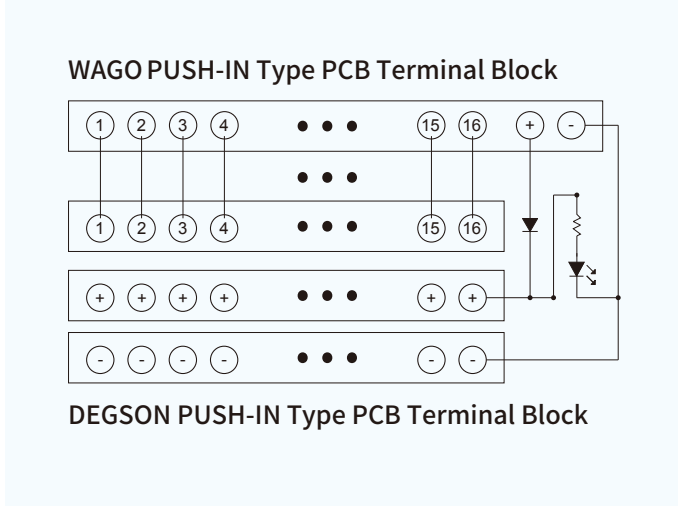
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
4	CJ7-XQ04V	40.0 x 48.0 x 36.9
5	CJ7-XQ05V	45.0 x 48.0 x 36.9
6	CJ7-XQ06V	49.0 x 48.0 x 36.9
7	CJ7-XQ07V	55.0 x 48.0 x 36.9
8	CJ7-XQ08V	60.0 x 48.0 x 36.9
10	CJ7-XQ10V	70.0 x 48.0 x 36.9
12	CJ7-XQ12V	78.0 x 48.0 x 36.9
16	CJ7-XQ16V	99.0 x 48.0 x 36.9
20	CJ7-XQ20V	119.0 x 48.0 x 36.9

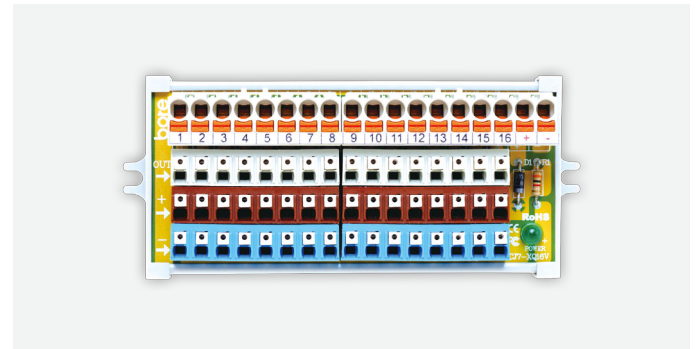
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block and DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Relay Indicator LEDs	None
Base / Housing Version	DIN-Rail
Rated Voltage	DC-30V
Rated Current	2A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	16 ~ 28 AWG

Circuit | CJ7-XQ16V



CJ7-XQ□□V-F Series

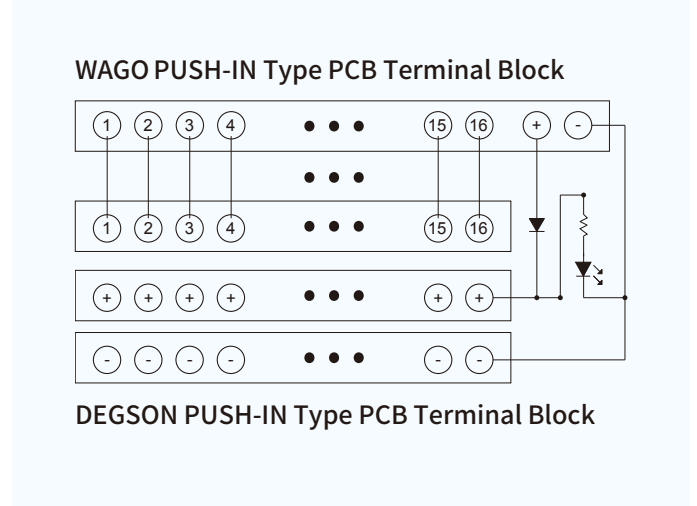
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
4	CJ7-XQ04V-F	52.0 x 48.0 x 31.7
5	CJ7-XQ05V-F	57.0 x 48.0 x 31.7
6	CJ7-XQ06V-F	61.0 x 48.0 x 31.7
7	CJ7-XQ07V-F	67.0 x 48.0 x 31.7
8	CJ7-XQ08V-F	72.0 x 48.0 x 31.7
10	CJ7-XQ10V-F	82.0 x 48.0 x 31.7
12	CJ7-XQ12V-F	90.0 x 48.0 x 31.7
16	CJ7-XQ16V-F	111.0 x 48.0 x 31.7
20	CJ7-XQ20V-F	131.0 x 48.0 x 31.7

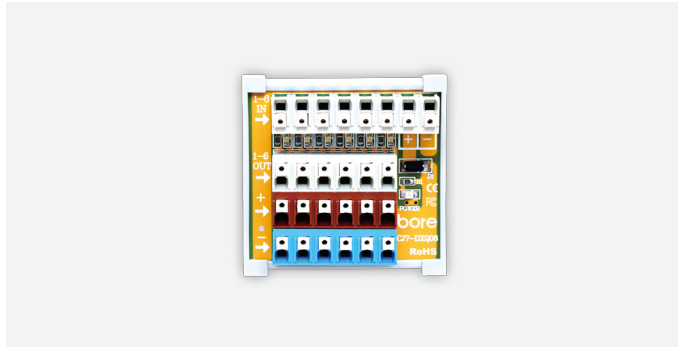
Technical Data	
Terminal Block Type	WAGO 5.0mm PUSH-IN Type PCB Terminal Block and DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Relay Indicator LEDs	None
Base / Housing Version	Screw Type
Rated Voltage	DC-30V
Rated Current	2A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	16 ~ 28 AWG

Circuit | CJ7-XQ16V-F



CJ7-DXQ□□ Series

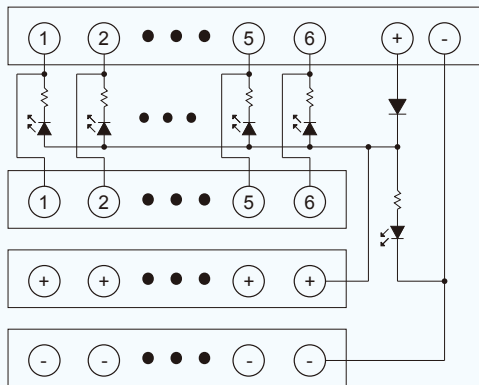
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
4	CJ7-DXQ04	38.0 x 48.0 x 34.3
5	CJ7-DXQ05	43.0 x 48.0 x 34.3
6	CJ7-DXQ06	49.0 x 48.0 x 34.3
8	CJ7-DXQ08	60.0 x 48.0 x 34.3
10	CJ7-DXQ10	73.0 x 48.0 x 34.3
12	CJ7-DXQ12	80.0 x 48.0 x 34.3
16	CJ7-DXQ16	99.0 x 48.0 x 34.3
20	CJ7-DXQ20	121.0 x 48.0 x 34.3

Technical Data	
Terminal Block Type	DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Relay Indicator LEDs	● Yellow Light
Base / Housing Version	DIN-Rail
Rated Voltage	DC-30V
Rated Current	3A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	16 ~ 28 AWG

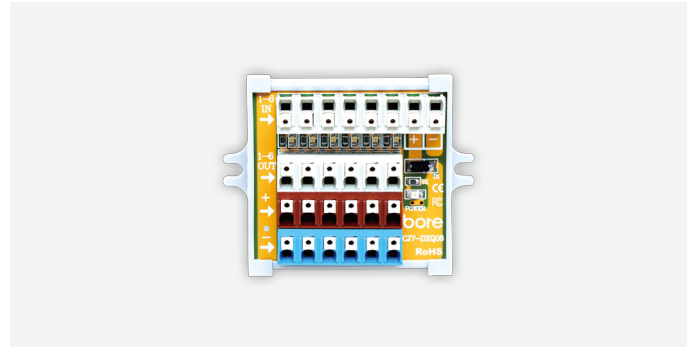
Circuit | CJ7-DXQ06



DEGSON PUSH-IN Type PCB Terminal Block

CJ7-DXQ□□-F Series

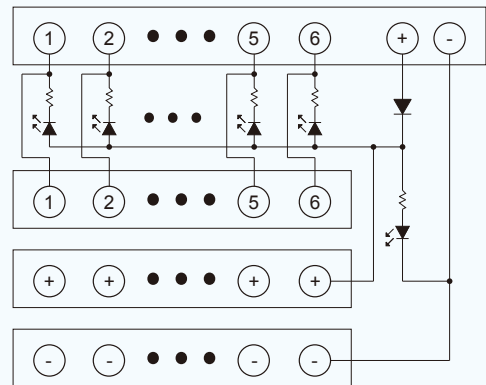
PUSH-IN Type



Pole	Model No.	Dimension (L x W x H in mm)
4	CJ7-DXQ04-F	50.0 x 48.0 x 29.1
5	CJ7-DXQ05-F	55.0 x 48.0 x 29.1
6	CJ7-DXQ06-F	61.0 x 48.0 x 29.1
8	CJ7-DXQ08-F	72.0 x 48.0 x 29.1
10	CJ7-DXQ10-F	85.0 x 48.0 x 29.1
12	CJ7-DXQ12-F	89.0 x 48.0 x 29.1
16	CJ7-DXQ16-F	111.0 x 48.0 x 29.1
20	CJ7-DXQ20-F	133.0 x 48.0 x 29.1

Technical Data	
Terminal Block Type	DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Relay Indicator LEDs	● Yellow Light
Base / Housing Version	Screw Type
Rated Voltage	DC-30V
Rated Current	3A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	16 ~ 28 AWG

Circuit | CJ7-DXQ06-F

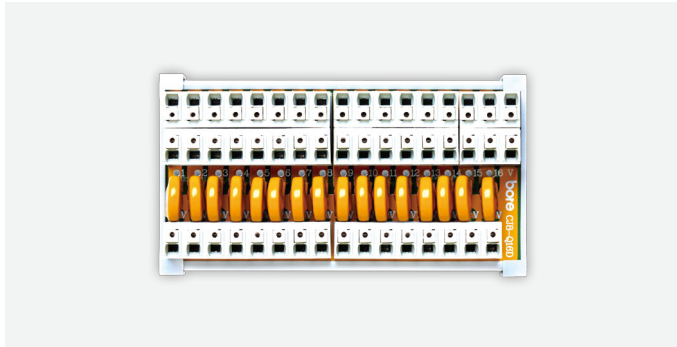


DEGSON PUSH-IN Type PCB Terminal Block

bore Interface Module | CJ7 Series

CJ7-XQB□□-SP Series

PUSH-IN Type

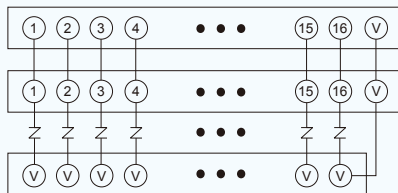


Pole	Model No.	Dimension (L x W x H in mm)
4	CJ7-XQB04-SP	28.0 x 48.0 x 34.3
5	CJ7-XQB05-SP	33.0 x 48.0 x 34.3
6	CJ7-XQB06-SP	38.0 x 48.0 x 34.3
7	CJ7-XQB07-SP	43.0 x 48.0 x 34.3
8	CJ7-XQB08-SP	48.0 x 48.0 x 34.3
9	CJ7-XQB09-SP	53.0 x 48.0 x 34.3
10	CJ7-XQB10-SP	58.0 x 48.0 x 34.3
12	CJ7-XQB12-SP	68.0 x 48.0 x 34.3
14	CJ7-XQB14-SP	78.0 x 48.0 x 34.3
16	CJ7-XQB16-SP	88.0 x 48.0 x 34.3

Technical Data	
Terminal Block Type	DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Contact Protector	Varistor (SP)
Relay Indicator LEDs	None
Base / Housing Version	DIN-Rail
Rated Voltage	DC-30V
Rated Current	2A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	16 ~ 28 AWG

Circuit | CJ7-XQB16-SP

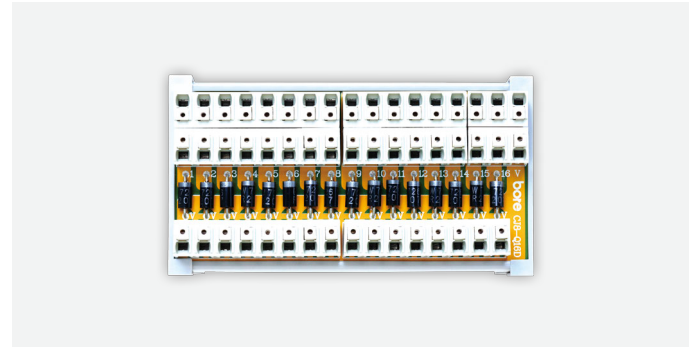
DEGSON PUSH-IN Type PCB Terminal Block



DEGSON PUSH-IN Type PCB Terminal Block

CJ7-XQB□□-LP Series

PUSH-IN Type

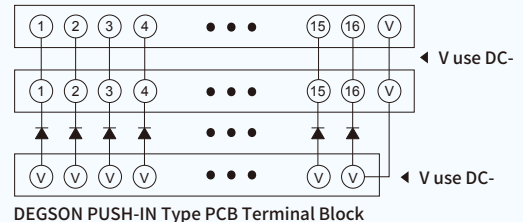


Pole	Model No.	Dimension (L x W x H in mm)
4	CJ7-XQB04-LP	28.0 x 48.0 x 34.3
5	CJ7-XQB05-LP	33.0 x 48.0 x 34.3
6	CJ7-XQB06-LP	38.0 x 48.0 x 34.3
7	CJ7-XQB07-LP	43.0 x 48.0 x 34.3
8	CJ7-XQB08-LP	48.0 x 48.0 x 34.3
9	CJ7-XQB09-LP	53.0 x 48.0 x 34.3
10	CJ7-XQB10-LP	58.0 x 48.0 x 34.3
12	CJ7-XQB12-LP	68.0 x 48.0 x 34.3
14	CJ7-XQB14-LP	78.0 x 48.0 x 34.3
16	CJ7-XQB16-LP	88.0 x 48.0 x 34.3

Technical Data	
Terminal Block Type	DEGSON 5.0mm PUSH-IN Type PCB Terminal Block
Connector Type	None
Contact Protector	Fast Recovery Diode (COM load of contact is -) (LP)
Relay Indicator LEDs	None
Base / Housing Version	DIN-Rail
Rated Voltage	DC-30V
Rated Current	2A
Insulation Resistance (Plastic parts)	Above 100MΩ
Wire Size	16 ~ 28 AWG

Circuit | CJ7-XQB16-LP

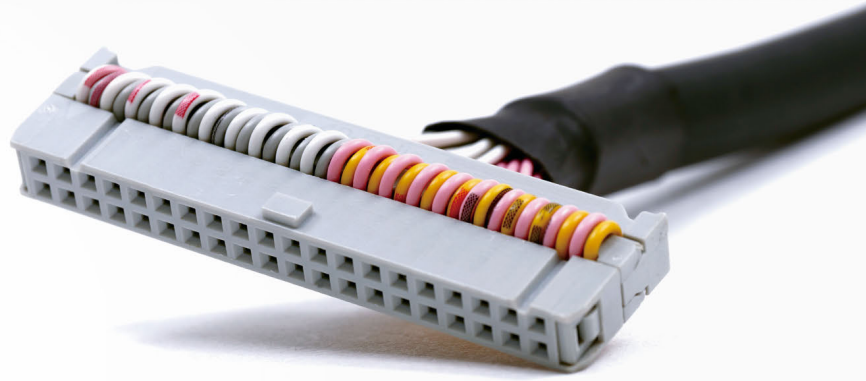
DEGSON PUSH-IN Type PCB Terminal Block



DEGSON PUSH-IN Type PCB Terminal Block

Cable Assembly

25 AWG Tinned Copper Wire



1

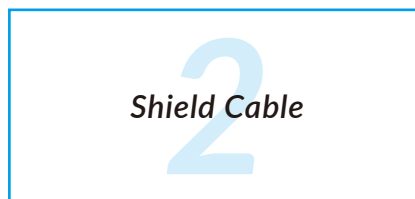
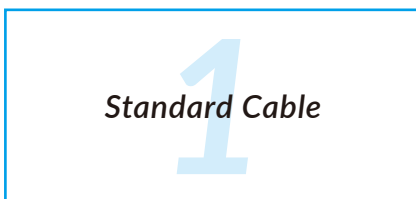
We offer various connector types for you to choose :



Code	Connector Types
A	Bare Wire
AO	Non-Insulated Cord End Clamping
AY	Spade Terminal Clamping (Y type Non-Insulated)
DA	D-SUB Female Socket Soldered
DB	D-SUB Male Socket Soldered
B	Fujitsu Soldered
F	Fujitsu Pierced
YF	90° Fujitsu Pierced
M	IDC/MIL Pierced Connector
2M	2 Set IDC/MIL Pierced
YML	90° IDC/MIL Pierced to the Left
YMR	91° IDC/MIL Pierced to the Right
S	SCSI/MDR Soldered
HA	HONDA Female Socket Soldered
HB	HONDA Male Socket Soldered
E	Siemens Dedicated Connector

2

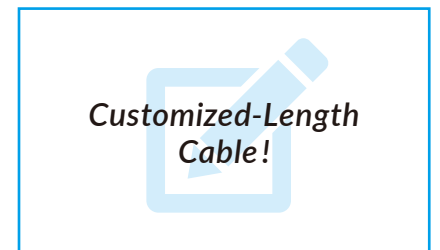
Types of cable :



3

Bore offers custom-length cable service to meet your unique needs.

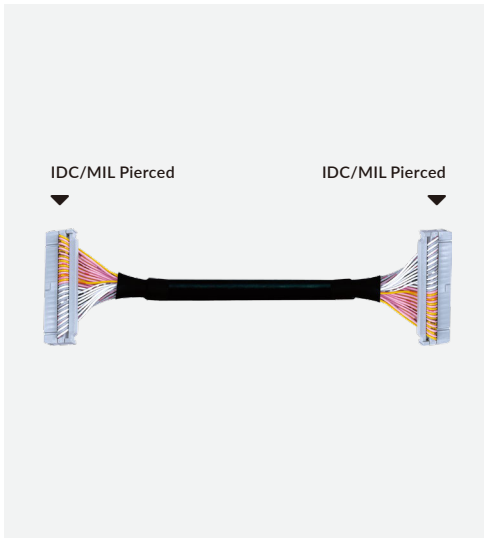
Code	Standard Length Cable	Code	Standard Length Cable
050	0.5m	500	5m
100	1m	600	6m
150	1.5m	700	7m
200	2m	800	8m
300	3m	900	9m
400	4m	1000	10m



CJ1-M□□M-40C Double-headed IDC/MIL pierced connector

40PIN

Standard Cable



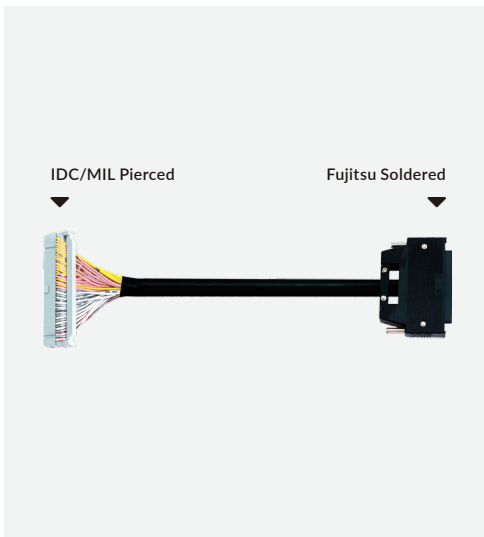
Length	Cable No.
0.5 m	CJ1-M050M-40C
1 m	CJ1-M100M-40C
1.5 m	CJ1-M150M-40C
2 m	CJ1-M200M-40C
3 m	CJ1-M300M-40C
4 m	CJ1-M400M-40C
5 m	CJ1-M500M-40C
6 m	CJ1-M600M-40C
7 m	CJ1-M700M-40C
8 m	CJ1-M800M-40C
9 m	CJ1-M900M-40C
10 m	CJ1-M1000M-40C
Customized Length	CJ1-M□□□M-40C

Cable Color Code		NO.	Color	NO.	Color
A1	B1	●1	●1	●1	●1
A2	B2	●2	●2	●2	●2
A3	B3	●3	●3	●3	●3
A4	B4	●4	●4	●4	●4
A5	B5	●5	●5	●5	●5
A6	B6	●1	●1	●1	●1
A7	B7	●2	●2	●2	●2
A8	B8	●3	●3	●3	●3
A9	B9	●4	●4	●4	●4
A10	B10	●5	●5	●5	●5
A11	B11	●1	W●1	●1	W●1
A12	B12	●2	W●2	●2	W●2
A13	B13	●3	W●3	●3	W●3
A14	B14	●4	W●4	●4	W●4
A15	B15	●5	W●5	●5	W●5
A16	B16	●1	W●1	●1	W●1
A17	B17	●2	W●2	●2	W●2
A18	B18	●3	W●3	●3	W●3
A19	B19	●4	W●4	●4	W●4
A20	B20	●5	W●5	●5	W●5

CJ1-M□□B-40C IDC/MIL pierced connector to Fujitsu soldered connector

40PIN

Standard Cable



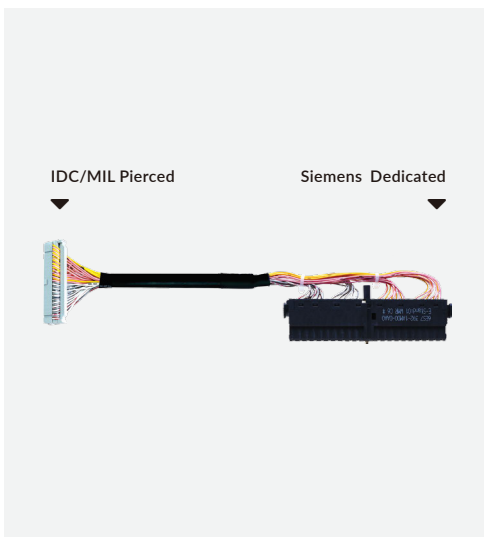
Length	Cable No.
0.5 m	CJ1-M050B-40C
1 m	CJ1-M100B-40C
1.5 m	CJ1-M150B-40C
2 m	CJ1-M200B-40C
3 m	CJ1-M300B-40C
4 m	CJ1-M400B-40C
5 m	CJ1-M500B-40C
6 m	CJ1-M600B-40C
7 m	CJ1-M700B-40C
8 m	CJ1-M800B-40C
9 m	CJ1-M900B-40C
10 m	CJ1-M1000B-40C
Customized Length	CJ1-M□□□B-40C

Cable Color Code		NO.	Color	NO.	Color
A1	B1	●1	●1	●1	●1
A2	B2	●2	●2	●2	●2
A3	B3	●3	●3	●3	●3
A4	B4	●4	●4	●4	●4
A5	B5	●5	●5	●5	●5
A6	B6	●1	●1	●1	●1
A7	B7	●2	●2	●2	●2
A8	B8	●3	●3	●3	●3
A9	B9	●4	●4	●4	●4
A10	B10	●5	●5	●5	●5
A11	B11	●1	W●1	●1	W●1
A12	B12	●2	W●2	●2	W●2
A13	B13	●3	W●3	●3	W●3
A14	B14	●4	W●4	●4	W●4
A15	B15	●5	W●5	●5	W●5
A16	B16	●1	W●1	●1	W●1
A17	B17	●2	W●2	●2	W●2
A18	B18	●3	W●3	●3	W●3
A19	B19	●4	W●4	●4	W●4
A20	B20	●5	W●5	●5	W●5

CJ1-M□□E-40C IDC/MIL Pierced connector to Siemens dedicated connector

40PIN

Standard Cable



Length	Cable No.
0.5 m	CJ1-M050E-40C
1 m	CJ1-M100E-40C
1.5 m	CJ1-M150E-40C
2 m	CJ1-M200E-40C
3 m	CJ1-M300E-40C
4 m	CJ1-M400E-40C
5 m	CJ1-M500E-40C
6 m	CJ1-M600E-40C
7 m	CJ1-M700E-40C
8 m	CJ1-M800E-40C
9 m	CJ1-M900E-40C
10 m	CJ1-M1000E-40C
Customized Length	CJ1-M□□□E-40C

Cable Color Code		NO.	Color	NO.	Color
A1	B1	●1	●1	●1	●1
A2	B2	●2	●2	●2	●2
A3	B3	●3	●3	●3	●3
A4	B4	●4	●4	●4	●4
A5	B5	●5	●5	●5	●5
A6	B6	●1	●1	●1	●1
A7	B7	●2	●2	●2	●2
A8	B8	●3	●3	●3	●3
A9	B9	●4	●4	●4	●4
A10	B10	●5	●5	●5	●5
A11	B11	●1	W●1	●1	W●1
A12	B12	●2	W●2	●2	W●2
A13	B13	●3	W●3	●3	W●3
A14	B14	●4	W●4	●4	W●4
A15	B15	●5	W●5	●5	W●5
A16	B16	●1	W●1	●1	W●1
A17	B17	●2	W●2	●2	W●2
A18	B18	●3	W●3	●3	W●3
A19	B19	●4	W●4	●4	W●4
A20	B20	●5	W●5	●5	W●5

25 AWG Tinned Copper Wire

CJ1-A□□S-20CG Bare wire to SCSI/MDR soldered connector

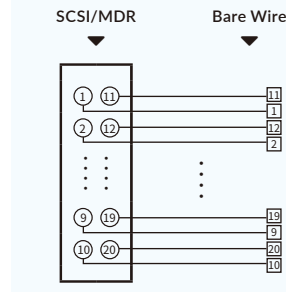
20PIN

Shield Cable



Length	Cable No.
0.5 m	CJ1-A050S-20CG
1 m	CJ1-A100S-20CG
1.5 m	CJ1-A150S-20CG
2 m	CJ1-A200S-20CG
3 m	CJ1-A300S-20CG
4 m	CJ1-A400S-20CG
5 m	CJ1-A500S-20CG
6 m	CJ1-A600S-20CG
7 m	CJ1-A700S-20CG
8 m	CJ1-A800S-20CG
9 m	CJ1-A900S-20CG
10 m	CJ1-A1000S-20CG
Customized Length	CJ1-A□□□S-20CG

Cable Color Code	NO.	Color
	1	●●1
	2	●●2
	3	●●3
	4	●●4
	5	●●5
	6	●●1
	7	●●2
	8	●●3
	9	●●4
	10	●●5
	11	●●1
	12	●●2
	13	●●3
	14	●●4
	15	●●5
	16	●●1
	17	●●2
	18	●●3
	19	●●4
	20	●●5



CJ1-S□□S-50CG Double-headed SCSI/MDR connector

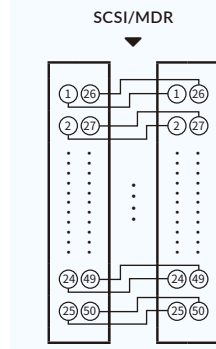
50PIN

Shield Cable



Length	Cable No.
0.5 m	CJ1-S050S-50CG
1 m	CJ1-S100S-50CG
1.5 m	CJ1-S150S-50CG
2 m	CJ1-S200S-50CG
3 m	CJ1-S300S-50CG
4 m	CJ1-S400S-50CG
5 m	CJ1-S500S-50CG
6 m	CJ1-S600S-50CG
7 m	CJ1-S700S-50CG
8 m	CJ1-S800S-50CG
9 m	CJ1-S900S-50CG
10 m	CJ1-S1000S-50CG
Customized Length	CJ1-S□□□S-50CG

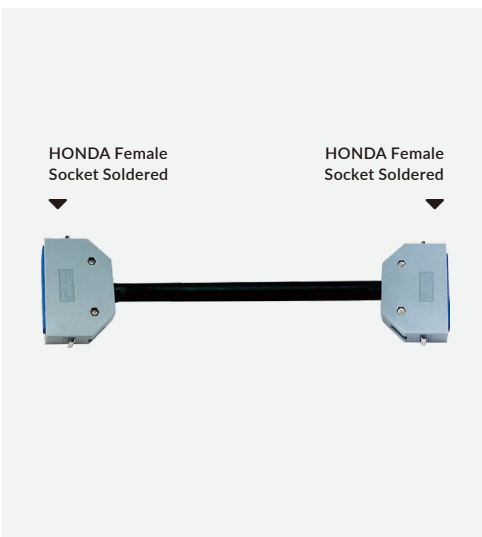
Cable Color Code	NO.	Color	NO.	Color	NO.	Color
	1	●●1	21	●●1	41	W●1
	2	●●2	22	●●2	42	W●2
	3	●●3	23	●●3	43	W●3
	4	●●4	24	●●4	44	W●4
	5	●●5	25	●●5	45	W●5
	6	●●1	26	●●1	46	W●1
	7	●●2	27	●●2	47	W●2
	8	●●3	28	●●3	48	W●3
	9	●●4	29	●●4	49	W●4
	10	●●5	30	●●5	50	W●5
	11	●●1	31	●●1		
	12	●●2	32	●●2		
	13	●●3	33	●●3		
	14	●●4	34	●●4		
	15	●●5	35	●●5		
	16	●●1	36	●●1		
	17	●●2	37	●●2		
	18	●●3	38	●●3		
	19	●●4	39	●●4		
	20	●●5	40	●●5		



CJ1-HA□□HA-50C Double-headed HONDA female soldered connector

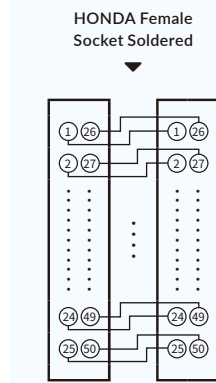
50PIN

Standard Cable

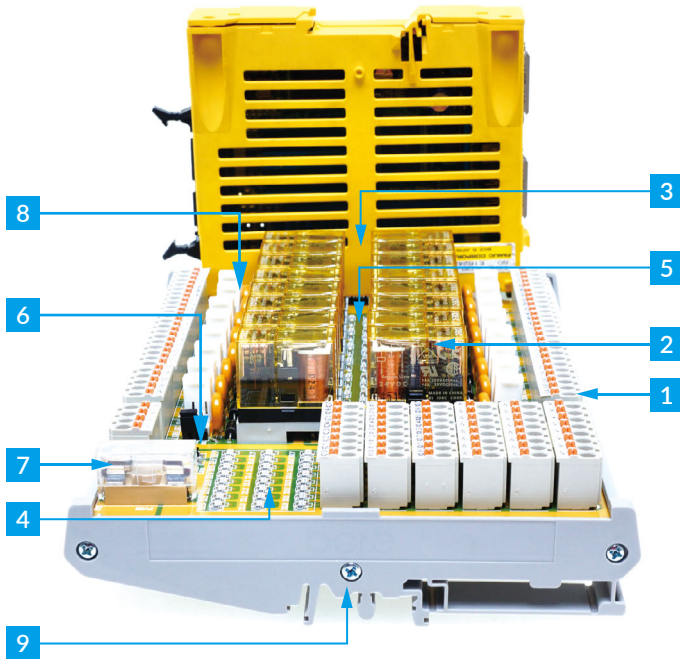


Length	Cable No.
0.5 m	CJ1-HA050HA-50C
1 m	CJ1-HA100HA-50C
1.5 m	CJ1-HA150HA-50C
2 m	CJ1-HA200HA-50C
3 m	CJ1-HA300HA-50C
4 m	CJ1-HA400HA-50C
5 m	CJ1-HA500HA-50C
6 m	CJ1-HA600HA-50C
7 m	CJ1-HA700HA-50C
8 m	CJ1-HA800HA-50C
9 m	CJ1-HA900HA-50C
10 m	CJ1-HA1000HA-50C
Customized Length	CJ1-HA□□□HA-50C

Cable Color Code	NO.	Color	NO.	Color	NO.	Color
	1	●●1	21	●●1	41	W●1
	2	●●2	22	●●2	42	W●2
	3	●●3	23	●●3	43	W●3
	4	●●4	24	●●4	44	W●4
	5	●●5	25	●●5	45	W●5
	6	●●1	26	●●1	46	W●1
	7	●●2	27	●●2	47	W●2
	8	●●3	28	●●3	48	W●3
	9	●●4	29	●●4	49	W●4
	10	●●5	30	●●5	50	W●5
	11	●●1	31	●●1		
	12	●●2	32	●●2		
	13	●●3	33	●●3		
	14	●●4	34	●●4		
	15	●●5	35	●●5		
	16	●●1	36	●●1		
	17	●●2	37	●●2		
	18	●●3	38	●●3		
	19	●●4	39	●●4		
	20	●●5	40	●●5		



bore FANUC CNC I/O Connection & Application

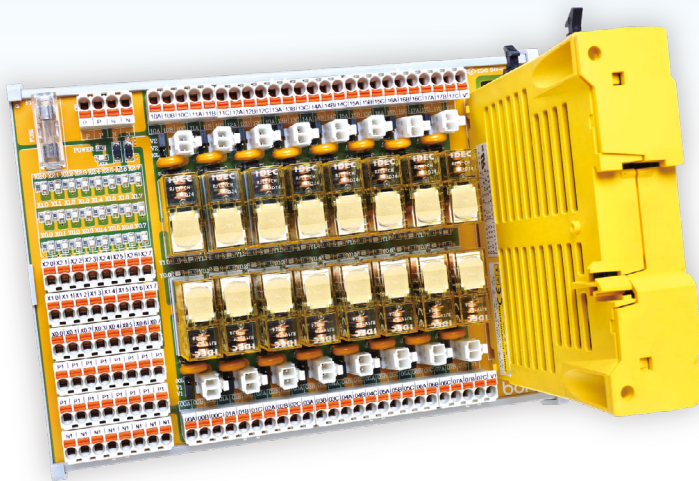


Features

- 1 With 5.0mm PUSH-IN PCB Type Terminal Block
- 2 16 & 32 Channels Output Relay Module available
- 3 Ideal design for Honda connector solution
- 4 Orange LED Signal Status Indicator
- 5 Red LED Motion Status Indicator
- 6 Green LED Power Status Indicator
- 7 With 1A fuse protection at input
- 8 With varistor + diode and jumper wire + diode two types protection function for contact
- 9 DIN-Rail Mountable

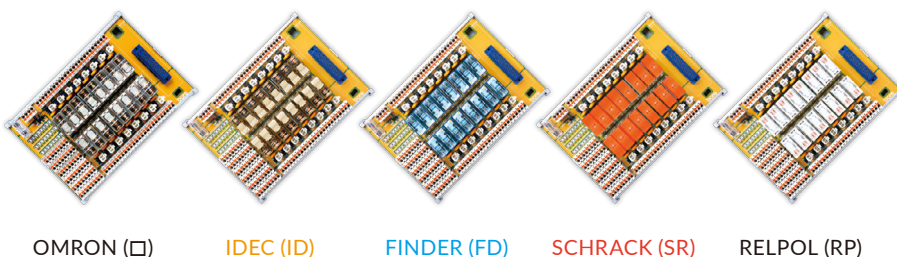
Product Series

Channel	Model No.	Dimension (L x W x H in mm)
16	AO3B-OR16V-XP-ID	213.0 x 154.0 x 64.6
32	AO3B-OR32V-XP-ID	415.0 x 154.0 x 64.6



I/O & Interface Module solution are integrated

The AO3B series relay module are designed based on FANUC A03B PLC series application. I/O Module with 16 & 32 channels relay enable to offer output control application, signal conversion, I/O solution application, All-in One solution integration.



Various relay brands available to choose

AO3B-OR relay module adopt with 1c contact form type, and offer variety of relay brands for choose: such as Omron, IDEC, Finder, Schrack. Customers can select suitable relay based on their need and preference.

WAGO PUSH-IN Terminal Block Series

With dedicated connection module design, enables signal immediately to be connected

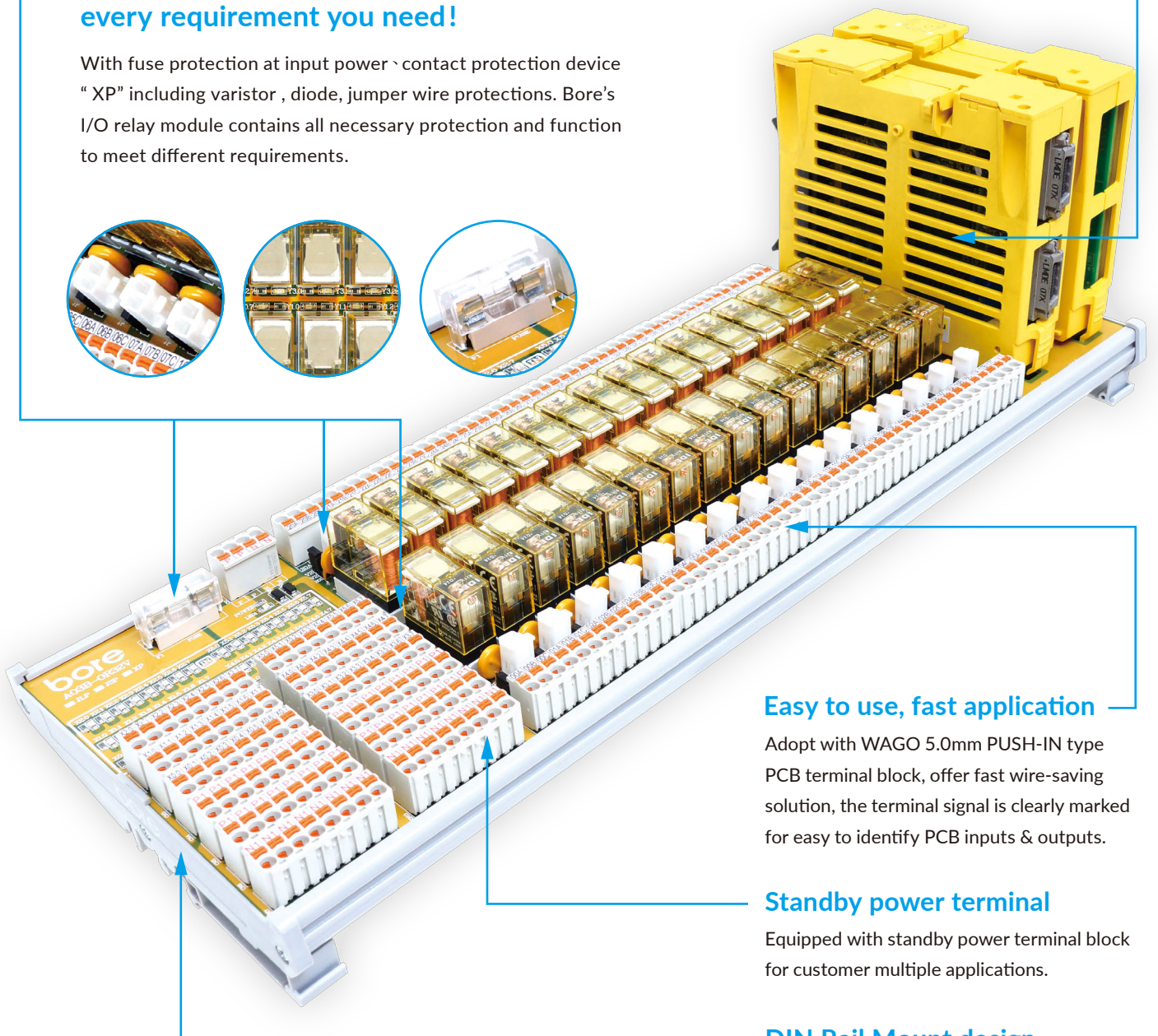
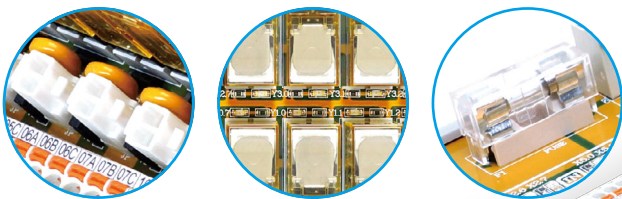
No need to connect to other interface module, save more cabinet spacing

AO3B-OR module series are designed to connect directly to FANUC I/O A03B PLC module and have dedicated HONDA connectors. When connect and mount directly with FANUC PLC, allows signal immediately to be received and connected.



Protection functions to meet every requirement you need!

With fuse protection at input power \ contact protection device "XP" including varistor , diode, jumper wire protections. Bore's I/O relay module contains all necessary protection and function to meet different requirements.



Easy to use, fast application

Adopt with WAGO 5.0mm PUSH-IN type PCB terminal block, offer fast wire-saving solution, the terminal signal is clearly marked for easy to identify PCB inputs & outputs.

Standby power terminal

Equipped with standby power terminal block for customer multiple applications.

DIN Rail Mount design

The module board with special design that can be fast mounted on DIN rail

Our Product Range Includes

- Relay Module
- Interface Module
- EtherCAT Slave I/O Module
- Sensor Interface Module
- Power Interface Module
- Cable Assembly
- Customized Integrated PCB Solution
- OEM/ODM Service