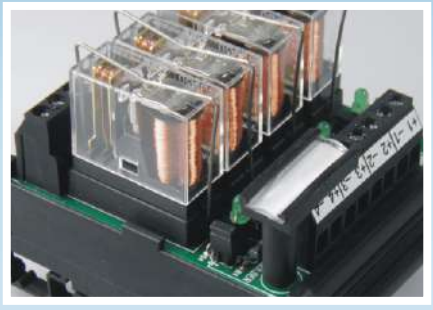
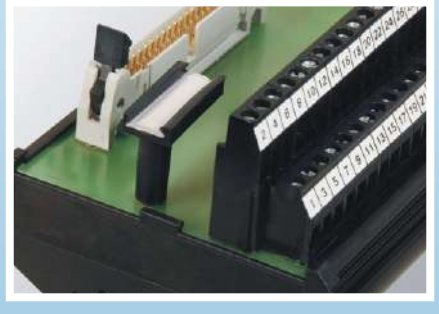
INTERFACE MODULES & ACCESSORIES





CE RoHS

SIMPLY SOLUTIONS

TRINITY® TOUCH

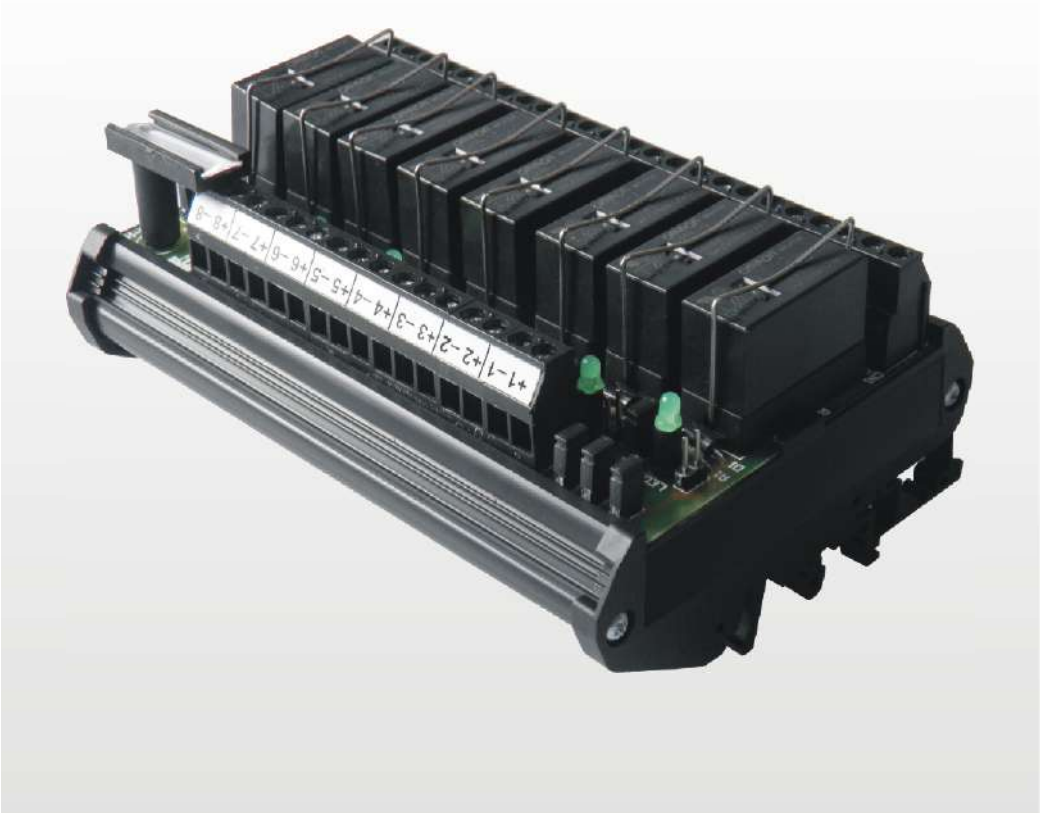
Interface Modules & Accessories

CE RoHS

Our Interface Module range consists of standard 1,2,4,8 & 16 Channel relay modules, CNC module, Digital output module, Accessory module & Passive module. It includes DC as well as AC coil relay cards available with options like fuse and indicators. Interface Module range also includes the SSR modules and economy modules.

Relay module with ultra slim relay have been introduced to compact the size of module. Passive module range consists of modules with FRC connectors, D-Sub connectors, ELCO connectors & RJ45 connectors.

We also provide customised solutions of controller boards and system cables to meet special requirements.



Electromechanical Relay Module

- Relay module with 16/8/4/2/1 miniature relays.
- With base (Relay-pluggable).
- Coil voltage 24V DC/230V AC/110V AC.
- 1 and 2 change over.
- Freewheeling diode across relay coil for protection.
- Jumpers are provided for selection between positive looping/ negative looping.
- Mounting DIN 35 carrier rail.
- Available in green and black profile.

SN	Article No.	Type	Description
1	01 17 06014	TT-IMRB-08024D1S-C-RL	8 Channel, 1 C/O, 24 VDC With OMRON Relay
2	01 17 06016	TT-IMRB-04024D1S-C-RL	4 Channel, 1 C/O, 24 VDC With OMRON Relay
3	01 17 05935*	TT-IMRB-08024D1S-C (NR)	8 Channel, 1 C/O, 24 VDC With OEN Relay
4	01 17 05953*	TT-IMRB-04024D1S-C (NR)	4 Channel, 1 C/O, 24 VDC With OEN Relay
5	01 17 06018	TT-IMRB-08024D2S-C-RL	8 Channel, 2 C/O, 24 VDC With OMRON Relay
6	01 17 06020	TT-IMRB-04024D2S-C-RL	4 Channel, 2 C/O, 24 VDC With OMRON Relay
7	01 17 05956*	TT-IMRB-08024D2S-C (NR)	8 Channel, 2 C/O, 24 VDC With OEN Relay
8	01 17 05954*	TT-IMRB-04024D2S-C (NR)	4 Channel, 2 C/O, 24 VDC With OEN Relay
9	01 17 02625	TT-IMRB-080230A1S	8 Channel, 1 C/O, 230 VAC With OMRON Relay
10	01 17 02662	TT-IMRB-080110A1S	8 Channel, 1 C/O, 110 VAC With OMRON Relay

Solid State Relay Module

- Relay module with 8/4/2 solid state relays.
- Relays directly soldered or pluggable.
- Input voltage 24V DC and output voltage 24V DC/240V AC.
- Jumpers are provided for selection between positive/ negative looping.
- Free wheeling diodes are provided for polarity protection.
- Mounting DIN 35 carrier rail.
- Available in green and black profile.

SN	Article No.	Type	Description
1	01 17 02904	TT-IMRB-08024D1-SSR-II	8 Channel, 24 VDC Input and Output with CRYDOM Relay
2	01 17 06334	TT-IMRB-08024D1-SSR-U	8 Channel, 24 VDC Input and 5-200 VDC Output with Unison Relay
3	01 17 02959	TT-IMRB-08024D1S-C(S-SSR)	8 Channel, 24 VDC Input and Output with Slim Unison Relay
4	01 17 02983	TT-IMRB-08024D1-240A(SSR-II)	8 Channel, 24 VDC Input and 240 VAC Output with CRYDOM Relay
5	01 17 03978	TT-IMRB-04024D1-240ASSR(FFI)	4 Channel, 24 VDC Input and 240 VAC Output with Fuse Fail Indication Output with CRYDOM Relay

* Non RoHS

Passive Module

- Passive module having screw terminal connectors at one end and FRC/D-SUB/ELCO/RJ45 connector at other end.
- Input & output are electrically connected with each other in 1:1 connection.
- Mounting DIN 35 carrier rail.
- Available in green and black profile.

SN	Article No.	Type	Description
1	01 17 00946	TT-IMPB-F50	With 50 Pin FRC Connector
2	01 17 00947	TT-IMPB-F40	With 40 Pin FRC Connector
3	01 17 00948	TT-IMPB-F34	With 34 Pin FRC Connector
4	01 17 03556	TT-IMPB-F26	With 26 Pin FRC Connector
5	01 17 03008	TT-IMPB-F14	With 14 Pin FRC Connector
6	01 17 00949	TT-IMPB-D25M	With 25 Pin Male D-SUB Connector
7	01 17 00952	TT-IMPB-D37F	With 37 Pin Female D-SUB Connector
8	01 17 03092	TT-IMPB-ELCO56(R)	With 56 Pin Right ELCO Connector
9	01 17 02975	TT-IMPB-ELCO38(R)	With 38 Pin Right ELCO Connector
10	01 17 02976	TT-IMPB-RJ45(H)	With RJ45 Horizontal Connector

Accessory Module

- **Diode Module:** 10A/20A/40A diode o-ring modules are used when two SMPS are connected in parallel (Redundancy).
- **Power distribution modules:** Used for distributing power to multiple field devices.
- **Utility module:** Used as a junction box for panel lighting and fan load in control panels.
- Mounting DIN 35 carrier rail.
- Available in green and black profile.

SN	Article No.	Type	Description
1	01 17 03862	TT-IMPB-DIODE MODULE (10A)	10 A Diode Module
2	01 17 03965	TT-IMPB-DIODE MODULE (20A)	20 A Diode Module
3	01 17 04181	TT-IMPB-DIODE MODULE (40A)	40 A Diode Module
4	01 17 03852	TT-IMPB-PDM	Power Distribution Module
5	01 17 02974	TT-IMPB-UTILITY	Utility Module

Cable Assembly with FRC, D-SUB and EDAC Connector

Ready to use system cables assembled with different types of connectors (FRC, D-SUB etc) are commonly known as Cable Assembly. They are used to ensure a reliable connection between the automation equipments & the modules. These cables are connected into 1:1 Connection. The cables are pre assembled round cables which are available in customised length.

Round shielded cable assemblies with D-Sub 37 pin male connectors at both ends

Round shielded cable assemblies with D-Sub 25 pin female connectors at both ends

Round shielded cable assemblies with 50 pin FRC connector at one end and other end open fitted with ferrule

Round shielded cable assemblies with 34 pin FRC connectors at both ends

Round shielded / Non shielded cable assemblies with flat ribbon connectors (FRC).

Round shielded cable assemblies with ELCO/EDAC connectors.

OTHER PRODUCT PROGRAMS

Thermoplastic Enclosures
TRIBOX®

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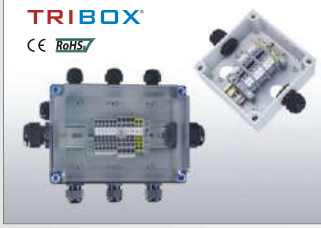
Customised Solutions with
TRIBOX®



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