



Electric Automation
Automation specialists

Référence: RJ1P60MBT50ECS

Paramètres sélectionnés SYSTEME Montage rail DIN CATEGORIE DE COURANT 26 - 50 ACA TENSION NOMINALE 600 VCA MODE DE COMMUTATION Contrôle par angle de phase et train d'ondes réparties NOMBRE DE POLES 1 COMMANDE MODBUS RACCORDEMENT PUISSANCE Borne captives auto-levantes MODELE Contacteur statique Autres COURANT 50 ACA ENTREE DE COMMANDE RS485 LARGEUR PRODUIT 45 mm



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Solid State Relays

SOLITRON MIDI Modbus Communication Interface

Type RJ1P MB

- AC semiconductor contactor
- MODBUS RTU interface over RS485
- RJ45 sockets for easy installation
- Dual sockets for daisy chaining
- Multi-function - 4 selectable modes of operation: ON/OFF, Phase angle, Distributed full cycle, Burst firing
- Operational ratings up to 50 AACrms and 600 VAC
- Temperature monitoring with over-temperature protection
- Opto isolation: > 4000 VACrms
- LED status indication

Product Description Ordering Key

RJ 1 P 23 MBT 50 E BC

The RJ1P MB series is a solid state relay equipped with a fieldbus communication inter- face.

The relay operates under con- trol of a microcontroller that handles communication, moni- tors operational parameters and controls the SSR thyristor firing. The RJ1P MB supports

Type Selection

the Modbus RTU communica- tion protocol, operating over an RS485 interface.

The communication interface allows modification and read- ing of several parameters very quickly through a single con- nection. Diagnostic information is easily accessible for trou- bleshooting and repair.

Solid State Relay

Number of poles

Switching mode (Proportional) Rated operational voltage Control input type
Rated operational current Terminal layout Configuration options
Switching Rated operational Control Rated operational Terminal Options mode
voltage input current layout
P: Proportional 23: 230VACrms MBT: 2-wire Modbus RTU 50: 50AACrms E: Contactor
BC: Basic Controller
Output 48: 480VACrms layout CS: Current Sensing
60: 600VACrms CV: Current & Voltage
Sensing
Selection Guide
Rated operational Blocking voltage Supply voltage Control input Rated operational
voltage current
230VACrms 650Vp 24VDC RS485 interface (2-wire) RJ1P23MBT50EBC
RJ1P23MBT50ECS RJ1P23MBT50ECV
480VACrms 1200Vp 24VDC RS485 interface (2-wire) RJ1P48MBT50EBC
RJ1P48MBT50ECS RJ1P48MBT50ECV
600VACrms 1200Vp 24VDC RS485 interface (2-wire) RJ1P60MBT50EBC
RJ1P60MBT50ECS
RJ1P60MBT50ECV
Thermal Specifications
Operating temperature -30 to +70°C (-22 to +158 °F) Storage temperature -40 to
+100°C (-40 to +212 °F)
Isolation
Rated isolation voltage
Input to output ≥ 4000 VACrms
Output to case ≥ 4000 VACrms
Specifications are subject to change without notice (04.11.2008) 1