



**Electric Automation**  
Automation specialists

Riferimento: RJ1P60MBT50ECS

Parametri selezionati SISTEMA DIN-rail Mount CATEGORIA CORRENTE RATING 26 - 50 ACA TENSIONE NOMINALE 600 VCA MODO USCITA SWITCHING Controllo ad angolo di fase e a ciclo pieno NUMERO DI POLI 1 CONTROLLO MODBUS INSERZIONE POTENZA Captive Clamp MODELLO Contatore a stato solido Altro CORRENTE NOMINALE 50 ACA INGRESSO DI CONTROLLO RS485 PRODOTTO LARG. 45 mm



Acquista da Electric Automation Network

## 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  $\geq 4000$  VACrms  
Output to case  $\geq 4000$  VACrms  
Specifications are subject to change without notice (04.11.2008) 1