Reference: RM1A23M50

Parameters selected Mounting System Panel CATEGORY CURRENT NOMINAL 26-50 ACA NOMINAL VOLTAGE 230 VAC MODE SWITCHING OUTPUT Zero crossing NUMBER OF PHASES 1 CONTROL AC and DC POWER CONNECTION Screw MODEL Solid State Relay ITEM CODE RM1A23M50 Other DATA INTENSITY 50 ACA INPUT CONTROL 5-24 VDC / AC PRODUCT WIDTH 45 mm

Buy it at Electric Automation Network

Solid State Relays
LowVoltage AC/DCControl: 5 to24 V
Types RM 23M, RM 40M, RM 48M, RM 60M
• Zero switching AC Solid State Relay
• Low voltage AC/DC control: 5 to 24 V
• Direct copper bonding (DCB) technology
• LED indication
• Built-in varistor
• Clip-on IP 20 protection cover
• Self-lifting terminals
• Housing free of moulding mass
• Operational ratings: Up to 100AACrms and 600VACrms
• Opto-isolation: > 4000VACrms
Product Description
Ordering Key
RM 1 A 23 M 25
The industrial,1-phaserelay with antiparallel thyristor out- putis the mostwidely used SSR due to its multiple appli- cation possibilities. This relay has been designetd>Type Selection
crosses zero and switches OFF when the current cross- es zero. The built-invaristor secures transient protection for the heavy industrial appli- cations, and the LED indi- cates the status of the con- trol input.The clip-oncover is securing touchsafety to IP 20. Protectedoutputter- minals can take cables up to
16 mm2.
Solid State Relay Number of poles Switching mode
Rated operational voltage
Control voltage

Rated operational current
Switching mode Rated operationalControl voltageRated operational voltage current
A: Zero Switching23: 230VACrmsM: 5 to 24VDC/AC25:25AACrms
40: 400VACrms50:50AACrms
48: 480VACrms75:75AACrms
60: 600VACrms100: 100AACrms
Selection Guide
Rated opera-BlockingControl Rated operational current
tional voltage voltage voltage 25 AACrms50 AACrms75 AACrms100 AACrms
230VACrms 650Vp5 to 24VDC/AC RM1A23M25RM1A23M50RM1A23M75RM1A23M100
400VACrms 850Vp5 to 24VDC/AC RM1A40M25RM1A40M50RM1A40M75RM1A40M100
480VACrms 1200Vp5 to 24VDC/AC
RM1A48M25RM1A48M50RM1A48M75RM1A48M100
600VACrms 1400Vp5 to 24VDC/AC
RM1A60M25RM1A60M50RM1A60M75RM1A60M100
General Specifications
RM1A23MRM1A40M RM1A48MRM1A60M
Operational voltage range24 to 265VACrms 42 to 440VACrms42 to 530VACrms42 to 660VACrms
Blocking voltage³ 650Vp ³ 850Vp³ 1200Vp ³ 1400Vp Zero voltage turn-on £ 15V£ 15V £ 15V£ 15V Operational frequency range 45 to 65Hz45 to 65Hz45 to 65Hz 45 to 65Hz
Power factor> 0.5 @ 230VACrms> 0.5 @ 400VACrms > 0.5 @ 480VACrms> 0.5 @ 600VACrms
Approvals UL, CSA UL, CSAUL, CSA UL, CSA
CE-markingYesYesYes Yes *
* Heatsink must be connected to ground.