Reference: RAM1A23A75

Parameters selected Mounting System Panel CATEGORY CURRENT NOMINAL 51-75 ACA NOMINAL VOLTAGE 230 VAC MODE SWITCHING OUTPUT Zero crossing NUMBER OF PHASES 1 CONTROL AC POWER CONNECTION Screw MODEL Solid State Relay ITEM CODE RAM1A23A75 Other DATA OF INTENSITY 75 ACA CONTROL INPUT 20-280 VAC, 22-48 VDC Product width 45 mm

Buy it at Electric Automation Network

Solid State Relays
Industrial, 1-Phase ZS (IO) w. LED Types RAM1A, RAM1B
• Zero switching (RAM1A) or instant-on switching (RAM1B) AC Solid State Relay
• Direct copper bonding (DCB) technology
• LED indication
• Clip-on IP 20 protection cover
• Self-lifting terminals
• Housing free of moulding mass
• 2 input ranges: 3-32 * and 20-280 VAC/22-48VDC
• Operational ratings: Up to 125AACrms and 690VACrms
• Blocking voltage: Up to 1600Vp
• Opto-isolation: > 4000VACrms
• Integrated overvoltage protection by self switching (suffix “Z” option)
• CE, RoHS compliant
• cURus, CSA, VDE, CCC
Product Description
Ordering Key
RAM 1 A 60 D 125 Z
The industrial, 1-phase relay with antiparallel thyristor out- put is the most widely used industrial SSR due to its mul- tiple application possibilities. The relay can be used for resistive, inductive and capacitive loads. The zero switchingrelay switches ON when the sinusoidal curve crosses zero and switches OFF when the current cross-
Type Selection
es zero.The instant-on relay with DC control input can be used for phase angle control. The built-insnubber secures transient protection. The LED indicates the status of the control input. The clip-on cov- ersecurestouchprotection (IP 20).

Protected outputter- minals can handle cables up to 16 mm2.
Solid State Relay Number of poles Switching mode
Rated operational voltage
Control voltage
Rated operational current
Options
Switching modeRated operationalControl voltageRated operationalOptions voltage current
A: Zero Switching23: 230VACrmsA: 20-280 VAC/22-48VDC 25 : 25AACrmsZ: Overvoltage B: Instant-on switching 60: 600VACrmsD: 3 - 32VDC*50 : 50AACrmsprotection (self- (DC Control only) 69: 690VACrms75 : 75AACrmsswitching)
* 4 to 32VDC for RAM1A60..., RAM1A69... 100:100AACrms
* 4 to 32VDC for RAM1B types 125:125AACrms
Selection Guide
RatedBlocking ControlRated operational current
operationalvoltage voltage25A 50A 75A 100A 125A
voltage
230VACrms 650Vp3 - 32VDC RAM1A23D25 RAM1A23D50 RAM1A23D75 RAM1A23D100 RAM1A23D125
20-280VAC/22-48VDCRAM1A23A25RAM1A23A50 RAM1A23A75 RAM1A23A100 RAM1A23A125
600VACrms 1200Vp 4 - 32VDCRAM1A60D25RAM1A60D50 RAM1A60D75 RAM1A60D100 RAM1A60D125
20-280VAC/22-48VDC RAM1A60A25 RAM1A60A50 RAM1A60A75 RAM1A60A100 RAM1A60A125
690VACrms 1600Vp4-32VDC -- RAM1A69D75 RAM1A69D100 RAM1A69D125
20-280VAC/ 22-48VDC--RAM1A69A75 RAM1A69A100 RAM1A69A125
Options
1Overvoltage protection by self-switching: atd>Specifications are subject to change without notice (09.10.2014)1