

SSM3A325BDR

solid state relay - DIN rail mount - input 4-32Vdc, output 48-600Vac, 25A, rdm

Product availability : Non-Stock - Not normally stocked in distribution facility



Price* : 134.58 USD



Main

Range of product	Harmony Relay
Product or component type	Solid state relay
Device short name	SSM3
Number of channels	3
Number of phases	3 phase

Complementary

Mounting support	Symmetrical DIN rail
Output voltage	48...600 V AC
[Uc] control circuit voltage	4...32 V DC
Contacts type and configuration	3 NO
Tightening torque	0.6...0.7 N.m input 1.36...1.7 N.m output
Connections - terminals	Screw terminals 0.2...1.3 mm ² , AWG 24...AWG 16) input Screw terminals 1.3...5.3 mm ² , AWG 16...AWG 10) output
Maximum capacitance	8 pF input/output
Insulation resistance	1000 MOhm
Local signalling	Input status LED (green)
Switching voltage	4 V DC turn-on 1 V DC turn-off
Input current	22...28 mA
Solid state output type	Random voltage switching
Load current	0.1...25 A
Transient overvoltage	1100 V
Surge current	286 A 20 ms 50 Hz 300 A 16.6 ms 60 Hz

* Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Maximum voltage drop	<1.35 V on-state
Maximum Horse Power Rating	1 hp 104 °F (40 °C) 240 V AC 2 hp 104 °F (40 °C) 380 V AC 3 hp 104 °F (40 °C) 480 V AC
Maximum I ² t for fusing	410 A ² .s 10 ms 50 Hz 374 A ² .s 8.3 ms 60 Hz
Maximum leakage current	0.25 mA off-state
DV/Dt	500 V/μs off-state at maximum voltage
Response time	0.5 cycle turn-off) 0.02 ms turn-on)
Power factor	0.5 with maximum load)
Overvoltage category	III
Net Weight	1.63 lb(US) (0.74 kg)

Environment

Dielectric strength	4 kV AC input/output 4 kV AC input or output to case
Pollution degree	2
Standards	UL 508 IEC 60950-1 CSA C22.2 No 14
Product certifications	UL EAC CSA
Marking	CSA EAC CE UL
IP degree of protection	IP20
Ambient air temperature for operation	-4...176 °F (-20...80 °C)
Ambient air temperature for storage	-40...212 °F (-40...100 °C)

Ordering and shipping details

Category	22375 - INTERFACE MODULE(ABA,R,S)
Discount Schedule	CP2
GTIN	00785901527725
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No
Country of origin	MX

Packing Units

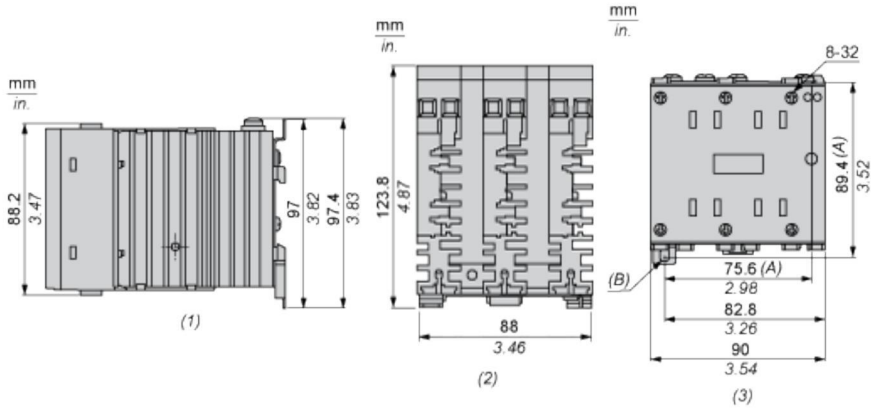
Package 1 Height	1.400 dm
Package 1 width	1.100 dm
Package 1 Length	1.100 dm

Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to www.p65warnings.ca.gov
REACH Regulation	REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

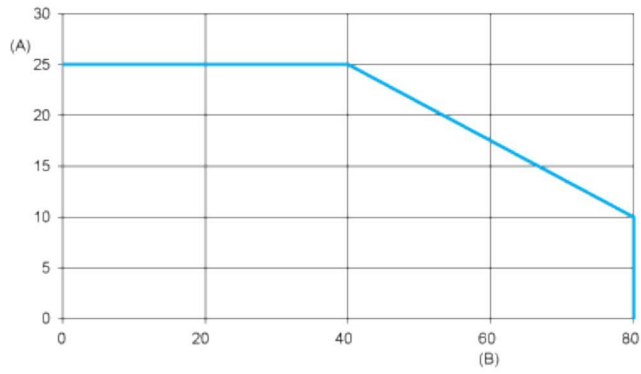
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Dimensions



- (1) Side view
- (2) Top view
- (3) Front view
- (A) Mounting hole
- (B) Mounting hole / slot

Derating Curves



A : Output Current (Arms)
B : Ambient Temperature (°C)