

# SSM3A325P7

solid state relay - DIN rail mount - input  
180-280Vac, output 48-600Vac, 25A

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



Price\* : 130.62 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	180...280 V AC
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 <sup>2</sup> , AWG 24...AWG 16) input Screw terminals 1.3...5.3 mm <sup>2</sup> , AWG 16...AWG 10) output
Maximum capacitance	8 pF input/output
Insulation resistance	1000 MOhm
Local signalling	Input status LED (green)
Switching voltage	10 V turn-off 180 V turn-on
Input current	19...24 mA
Solid state output type	Zero 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 <sup>2</sup> t for fusing	410 A <sup>2</sup> .s 10 ms 50 Hz 374 A <sup>2</sup> .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	30 ms turn-off) 20 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	CSA UL EAC
Marking	CSA CE EAC UL
IP degree of protection	IP20
Ambient air temperature for operation	-4...140 °F (-20...60 °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	00785901504870
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

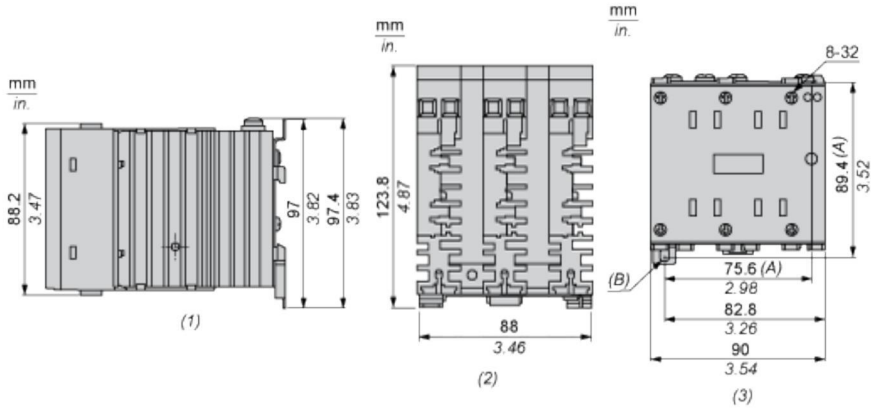
Sustainable offer status	Green Premium product
California proposition 65	WARNING: This product can expose you to chemicals including; Lead and lead compounds which is known to the State of California to cause Carcinogen & Reproductive harm. For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov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

---

China RoHS Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End of Life Information</a>

---

Dimensions

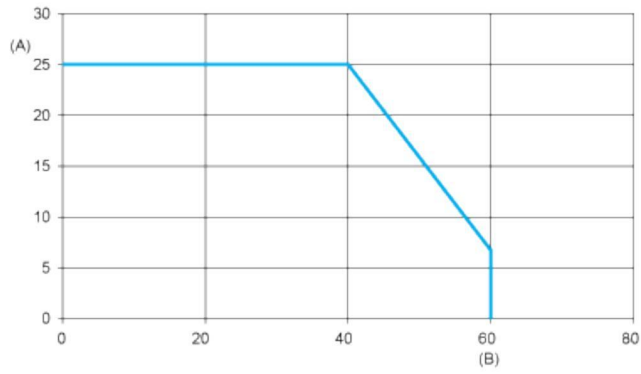


- (1) Side view
- (2) Top view
- (3) Front view
- (A) Mounting hole
- (B) Mounting hole / slot

---

Derating Curves

---



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