



Product availability: Stock - Normally stocked in distribution facility



Main

| | |
|---------------------------|-------------------|
| Range of product | Harmony Relay |
| Product or component type | Solid state relay |
| Device short name | SSM |
| Number of channels | 1 |
| Number of phases | 1 phase |

Complementary

| | |
|-------------------------------------|---|
| Mounting support | Symmetrical DIN rail |
| Line Rated Current | 6 A |
| Output voltage | 24...280 V AC |
| [Uc] control circuit voltage | 90...140 V AC |
| Contacts type and configuration | 1 NO |
| Tightening torque | 0.5...0.8 N.m input 0.5...0.8 N.m output |
| Connections - terminals | Screw terminals 1 x 0.3...1 x 1.5 mm ² , AWG 22...AWG 16) input Screw terminals 1 x 0.3...1 x 2.5 mm ² , AWG 22...AWG 14) output |
| Maximum capacitance | 10 pF input/output |
| Insulation resistance | 1000 MOhm 500 V DC |
| Local signalling | Input status LED green) |
| Minimum switching voltage | 90 V AC turn-on |
| Maximum switching voltage | 10 V AC turn-off |
| Input current | 3...5 mA |
| Solid state output type | Zero voltage switching SCR output |
| Load current | 0.15...6 A |
| Transient overvoltage | 600 V |
| Surge current | 285 A 16.6 ms 300 A 20 ms |
| Maximum voltage drop | <1.3 V on-state |
| Maximum Horse Power Rating | 0.16 hp 104 °F (40 °C) 240 V AC |
| Maximum I ² t for fusing | 410 A ² .S 10 ms 50 Hz 375 A ² .s 8.33 ms 60 Hz |
| Maximum leakage current | 0.1 mA off-state |
| DV/dt | 500 V/μs off-state at maximum voltage |
| Response time | 0.5 cycle turn-on) 30 ms turn-off) |
| Power factor | 0.5 with maximum load) |
| Overvoltage category | III |
| Width | 0.43 in (11 mm) |
| Height | 3.56 in (90.3 mm) |
| Depth | 3.30 in (83.7 mm) |
| Product weight | 0.11 lb(US) (0.05 kg) |

Environment

| | |
|---------------------------------------|---|
| Flame retardance | V0 UL 94 |
| Dielectric strength | 4 KV AC input/output 4 kV AC input or output to case |
| Pollution degree | 2 |
| Standards | IEC 61000 IEC 62314 IEC 60950-1 |
| Product certifications | UL CSA REACH |
| Marking | CE |
| IP degree of protection | IP20 |
| Ambient air temperature for operation | -22...176 °F (-30...80 °C) |
| Ambient air temperature for storage | -22...212 °F (-30...100 °C) |

Ordering and shipping details

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|---------------------|-----------------------------------|
| Category | 22375 - INTERFACE MODULE(ABA,R,S) |
| Discount Schedule | CP2 |
| GTIN | 00785901968375 |
| Package weight(Lbs) | 0.07 kg (0.16 lb(US)) |
| Returnability | Yes |
| Country of origin | MX |

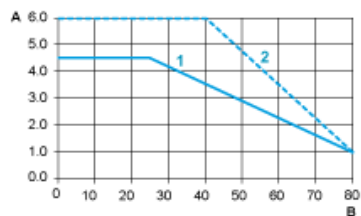
Offer Sustainability

| | |
|----------------------------|---|
| 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



Derating Curves



A : Load Current (Amperes)

B : Ambient Temperature (°C)

1 : Multiple units, no minimum spacing between components

2 : Installed single unit, distance to adjacent components more than 11 mm