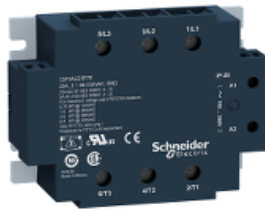




Price* : 130.73 GBP



Main

| | |
|---------------------------------|------------------------|
| Range of product | Harmony Relay |
| Product or component type | Solid state relay |
| Device short name | SSP |
| Mounting support | Panel |
| Number of phases | 3 phases |
| Contacts type and configuration | 3 NO |
| Solid state output type | Zero voltage switching |

Complementary

| | |
|-------------------------------------|---|
| Control type | Without test button |
| [Uc] control circuit voltage | 18...36 V AC |
| Minimum switching voltage | 18 V AC turn-on |
| Maximum switching voltage | 2 V AC turn-off |
| Response time | 20 ms (turn-on) 30 ms (turn-off) |
| Input current | 15...20 mA |
| Output voltage | 48...530 V AC |
| Load current | 0.1...50 A |
| Transient overvoltage | 1200 V |
| Surge current | 715 A for 20 ms 750 A for 16.6 ms 150 A for 1 s |
| Maximum I ² t for fusing | 2520 A ² .s for 10 ms at 50 Hz 2320 A ² .s for 8.3 ms at 60 Hz |
| Maximum leakage current | 3 mA off-state |
| Maximum voltage drop | <1.35 V on-state |
| DV/Dt | 500 V/μs off-state at maximum voltage |
| Power factor | 0.5 (with maximum load) |

| | |
|-------------------------|---|
| Motor controller rating | 1.5 hp 40 °C 120 V AC 3 hp 40 °C 240 V AC 7.5 hp 40 °C 480 V AC 8.8 hp 40 °C 530 V AC |
| Motor power kW | 1.11 kW at 40 °C 120 V AC 2.22 kW at 40 °C 240 V AC 5.55 kW at 40 °C 480 V AC 6.47 kW at 40 °C 530 V AC |
| Insulation resistance | >= 1000 MOhm at 500 V DC |
| Maximum capacitance | 8 pF for input/output |
| Dielectric strength | 4 kV AC for input/output 4 kV AC for input or output to case |
| Tightening torque | 0.9...1.1 N.m for input 1.7...2.2 N.m for output |
| Connections - terminals | Screw terminals: 1 x 0.2...1 x 2.5 mm ² , (AWG 24...AWG 14) for input Screw terminals: 1 x 1.5...1 x 10 mm ² , (AWG 16...AWG 8) for output |
| Thermal resistance | 0.12 °C/W |
| LED indicator | LED, green for input |
| IP degree of protection | IP20 |
| Product weight | 0.24 kg |
| Width | 101.3 mm |
| Height | 79.7 mm |
| Depth | 35.4 mm |
| Device presentation | Complete product |

Environment

| | |
|---------------------------------------|---------------------------------------|
| Flame retardance | V0 conforming to UL 94 |
| Ambient air temperature for operation | -40...80 °C |
| Ambient air temperature for storage | -40...125 °C |
| Pollution degree | 2 |
| Overvoltage category | III |
| Product certifications | REACH RoHS CSA UL |
| Marking | CE |
| Standards | IEC 61000 IEC 60950-1 IEC 62314 |

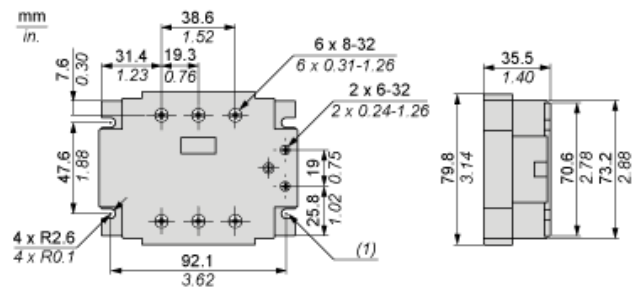
Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |

Contractual warranty

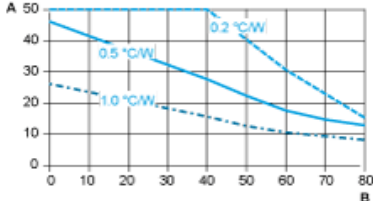
| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Dimensions



(1) 4 Mounting slots

Derating Curves



A : Load Current (Amperes)
B : Ambient Temperature (°C)