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# SLO OUTPUT RELAY FOR A LOADS

SLOP120TR
O/P Plug-in Relay 120V ac / 0-240V ac 3A




- DC control/ac load
- Galvanic isolation 4kV, 8mm creep distance
- Effective interference elimination
- Compatible with NPN and PNP logic
- LED indication

### PRODUCT DESCRIPTION

The relays are used as an interface between control systems and ac loads. The relays can handle inductive loads without load current reduction, which makes them very suitable for connection to, for example, solenoid valves and contactors. The relays have no mechanical parts, which means very reliable application. The integrated interference protection provides reliable operation even in very demanding electrical environments. Thanks to interference protection, signal cables can be run alongside power cables on, for example, cable racks for more than 1.5 km without capacitive cross-talk affecting relays. The SLOP models are especially designed for connection to 2-wire sensors that produce leakage current. The relays are blind to leakage currents up to 3.0 mA. For forward/reverse control of ac motors, the SLO24TRA is used. The relay has a higher operating voltage and withstands regenerated voltages from motors.

# TECHNICAL DATA

## INPUT DATA

| | |
|---|---|
| **Input current at nominal voltage, typ** | 5 mA |
| **Input current max** | 6 mA |
| **Response time** | 10 ms |
| **Release time** | 20 ms |
| **Switching voltage** | 80 V |
| **Turn-off voltage** | 65 V |
| **Input impedance, typ** | 24 kΩ |
| **Input voltage nom** | 120 |

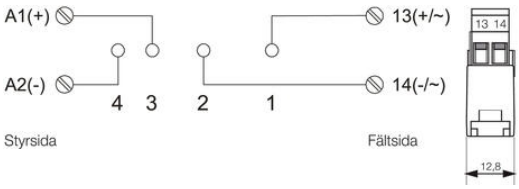
## OUTPUT DATA

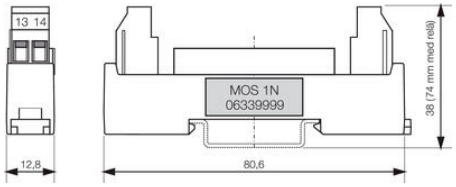
| | |
|---|---|
| **Number of poles** | 1 |

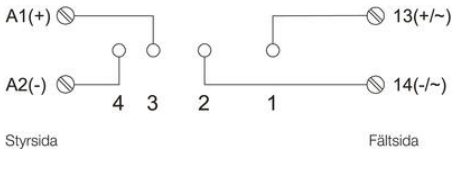
| | |
|---|---|
| **Load current ac max** | 3 A |
| **Leakage current** | 1,5 mA |
| **2421_Peak current (A)** | 90 A (20ms) |
| **Load voltage ac max** | 265 V |
| **Voltage drop** | 1 V |

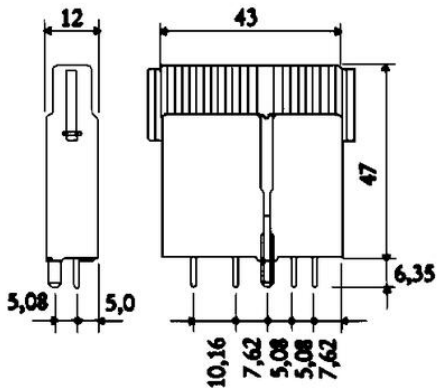
## GENERAL DATA

| | |
|---|---|
| **Width** | 12.5 mm |
| **Temperature operational min** | -25 °C |
| **Temperature operational max** | 70 °C |
| **Storage temperature min** | -40 °C |
| **Storage temperature max** | 70 °C |
| **Material** | PBT |
| **Weight** | 40 g |
| **Approvals** | CE, UL |



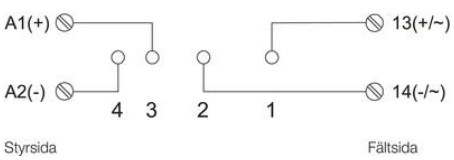



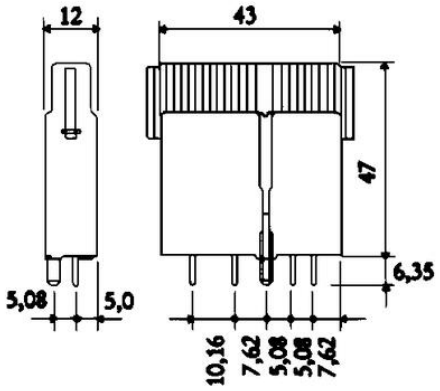










12
43
47
6,35
5,08
5,0
10,16
7,62
5,08
5,08
7,62