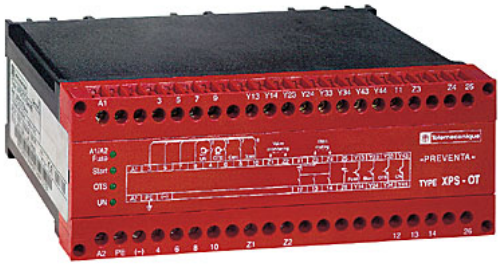
Product data sheet
Characteristics

XPSOT3444
module XPS-OT - stop at top dead center with automatic overtravel - 115 V AC



Main

Range of product	Preventa Safety automation
Product or component type	Preventa safety module
Safety module name	XPS-OT
Safety module application	Safety stop with automatic overtravel monitoring and control
Safety use category	Category 4 maximum conforming to EN 954-1/ISO 13849-1
Standards	EN/IEC 60947-5-1 EN 50082-2 EN 60204-1 EN 692
Product certifications	CSA UL
[Us] rated supply voltage	115 V AC (- 15...15 %)
Output type	Relay 3 NO , volt-free
Number of additional circuits	4 solid state outputs
Enclosure type	Removable
Connections - terminals	Captive screw clamp terminals : 2 x 2.5 mm² without cable end Captive screw clamp terminals : 2 x 0.5...2 x 1.5 mm² with cable end

Complementary

Function of module	Safety stop with automatic overtravel monitoring and control
Supply frequency	50/60 Hz
Power consumption	< 12 VA
Input protection type	Internal, electronic
Breaking capacity	C300 : inrush 1800 VA AC-15 for relay output C300 : holding 180 VA AC-15 for relay output
Breaking capacity	1.5 A /24 V - L/R = 50 ms , DC-13 for relay output 10 mA /48 V for solid state output circuit 20 mA /24 V for solid state output circuit
[Ith] conventional free air thermal current	≤ 2.5 A
Associated fuse rating	4 A gG for relay output conforming to EN/IEC 60947-5-1, DIN VDE 0660 part 200
Minimum output current	10 mA for relay output
Minimum output voltage	17 V for relay output
Response time on input open	≤ 20 ms
[Ui] rated insulation voltage	300 V , degree of pollution 2 conforming to IEC 60647-5-1, DIN VDE 0110 part 1
[Uimp] rated impulse withstand voltage	4 kV overvoltage category III , conforming to IEC 60647-5-1, DIN VDE 0110 part 1
Local signalling	4 LEDs
Enclosure material	Polycarbonate
Number of terminal blocks	42
Mounting support	35 mm symmetrical DIN rail
Depth	118 mm
Height	73 mm
Width	200 mm
Product weight	1.1 kg

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Environment

IP degree of protection	IP10 (terminals) conforming to EN/IEC 60529 IP40 (enclosure) conforming to EN/IEC 60529
Ambient air temperature for operation	-10...55 °C
Ambient air temperature for storage	-25...85 °C
RoHS EUR conformity date	0847
RoHS EUR status	Compliant