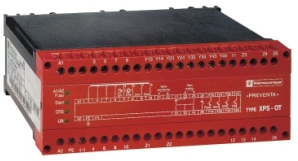
Product datasheet

Specifications

Green Premium™



module XPSOT - stop at top dead center with automatic overtravel - 230 V AC

XPSOT3744

Main

Range Of Product	Preventa Safety automation
Product Or Component Type	Preventa safety module
Safety Module Name	XPSOT
Safety Module Application	Safety stop with automatic overtravel monitoring and control
Function Of Module	Safety stop with automatic overtravel monitoring and control
Safety Level	Can reach PL e/category 4 conforming to ISO 13849-1 Can reach SILCL 3 conforming to IEC 62061
Safety Reliability Data	MTTFd = 60.9 years conforming to ISO 13849-1 DC = 0...99 % conforming to ISO 13849-1 PFHd = 1.33E-8 1/h conforming to IEC 62061
[Us] Rated Supply Voltage	230 V AC - 15...10 %
Output Type	Relay, 3 NO circuit(s), volt-free
Number Of Additional Circuits	4 solid state outputs
Enclosure Type	Removable

Complementary

Supply Frequency	50/60 Hz
Power Consumption In Va	12 VA
Input Protection Type	Internal, electronic
Breaking Capacity	180 VA holding AC-15 C300 relay output 1800 VA inrush AC-15 C300 relay output
Breaking Capacity	10 mA at 48 V for solid state output circuit 20 mA at 24 V for solid state output circuit 1.5 A at 24 V (DC-13) time constant: 50 ms for relay output
[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
Maximum Response Time On Input Open	20 ms
[Ui] Rated Insulation Voltage	300 V (pollution degree 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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Connections - Terminals	Captive screw clamp terminals, 2 x 0.5...2 x 1.5 mm² with cable end Captive screw clamp terminals, 2 x 2.5 mm² without cable end
Mounting Support	35 mm symmetrical DIN rail
Depth	118 mm
Height	73 mm
Width	200 mm
Net Weight	1.1 kg

Environment

Standards	IEC 60947-5-1 IEC 692 IEC 60204-1
Product Certifications	CSA UL TÜV
Ip Degree Of Protection	IP10 (terminals) conforming to IEC 60529 IP40 (enclosure) conforming to IEC 60529
Ambient Air Temperature For Operation	-10…55 °C
Ambient Air Temperature For Storage	-25…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	8.8 cm
Package 1 Width	14.2 cm
Package 1 Length	22.2 cm
Package 1 Weight	1.23 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	9
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	10.562 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free	
Rohs Exemption Information	Yes
Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information