



Main

Range of product	Harmony XPE
Product or component type	Foot switch
Material	Metal
Foot switch type	Single foot switch
Device short name	XPER
Protective cover	Without
Trigger mechanism	Without trigger mechanism
Contact operation	1 step
Contacts type and composition	2 NC + 1 NO
Colour	Orange

Complementary

Positive opening	With, conforming to EN/IEC 60947-5-1 appendix K
Connections - terminals	Screw clamp terminal, clamping capacity: $\leq 1 \times 2.5 \text{ mm}^2$ with or without cable end Screw clamp terminal, clamping capacity: $\leq 2 \times 1.5 \text{ mm}^2$ with or without cable end
Cable entry	2 tapped entries for Pg 16
Marking	II2 D-Ex tD A21 IP65 T85°C
Mechanical durability	5000000 cycles
[Ie] rated operational current	0.27 A at 250 V DC-13, Q300 conforming to EN/IEC 60947-5-1 appendix A 3 A at 240 V AC-15, A300
[Ui] rated insulation voltage	300 V conforming to CSA C22.2 No 14 500 V, degree of pollution 3 conforming to EN/IEC 60947-1 500 V, degree of pollution 3 conforming to NF C 20-040 group C 500 V, degree of pollution 3 conforming to VDE 0110 group C 300 V conforming to UL 508
[Uimp] rated impulse withstand voltage	6 kV conforming to EN/IEC 60947-1 6 kV conforming to IEC 60664
Resistance across terminals	$\leq 0.025 \text{ m}\Omega$ conforming to IEC 60255-7 category 3 $\leq 0.025 \text{ m}\Omega$ conforming to NF C 93-050 method A
Short-circuit protection	10 A cartridge fuse type gG conforming to EN/IEC 60947-5-1 10 A cartridge fuse type gG conforming to VDE 0660-200
Width	104 mm
Depth	172 mm
Height	59 mm

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

Environment

Standards	ATEX D 94/9/CE EN 50014 EN 50281-1-1 IEC 61241-0 IEC 61241-1
Dust zone	Zone 21 - 22
Product certifications	INERIS 04ATEX0025
Protective treatment	TC
Ambient air temperature for operation	-20...60 °C
Ambient air temperature for storage	-40...70 °C
Vibration resistance	15 gn (f = 10...500 Hz) conforming to IEC 60068-2-6
Shock resistance	150 gn conforming to NF E 09-031 20 gn conforming to IEC 60068-2-27
Electrical shock protection class	Class I conforming to EN/IEC 61140 Class I conforming to NF C 20-030
IP degree of protection	IP66

Contractual warranty

Warranty period	18 months
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