Product data sheet
Characteristics

XPEM110EX
Single foot switch, Harmony XPE, metal, blue, without cover, 1 step, 1 contact 1NC+NO, protection against dust



Main

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

Complementary

Positive opening	With conforming to IEC 60947-5-1 appendix K
Connections - terminals	Screw clamp terminal, <= 1 x 2.5 mm² with or without cable end Screw clamp terminal, <= 2 x 1.5 mm² 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	3 A at 240 V, AC-15, A300 0.27 A at 250 V, DC-13, Q300 conforming to IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V (pollution degree 3) conforming to IEC 60947-1 500 V (pollution degree 3) conforming to NF C 20-040 group C 500 V (pollution degree 3) conforming to VDE 0110 group C 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-1 6 KV conforming to IEC 60664
Maximum resistance across terminals	0.025 MOhm conforming to IEC 60255-7 category 3 0.025 MOhm conforming to NF C 93-050 method A
Short-circuit protection	10 A cartridge fuse type gG conforming to IEC 60947-5-1 10 A cartridge fuse type gG conforming to VDE 0660-200
Width	104 Mm
Depth	172 Mm
Height	59 Mm

Environment

Standards	EN 50014 ATEX D 94/9/CE IEC 61241-1 IEC 61241-0 EN 50281-1-1
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 IEC 61140 Class I conforming to NF C 20-030
IP degree of protection	IP66

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.5 Cm
Package 1 Width	17.5 Cm
Package 1 Length	21.5 Cm
Package 1 Weight	1.46 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30 Cm
Package 2 Width	30 Cm
Package 2 Length	40 Cm
Package 2 Weight	9.309 Kg

Offer Sustainability

Recyclability potential, in %	13
Total lifecycle Carbon footprint	11 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	9.8030928448
Carbon footprint of the manufacturing phase [A1 to A3]	10 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.190921073
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.2330372926
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	0
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	0 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.6112322608
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	11
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant

Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised