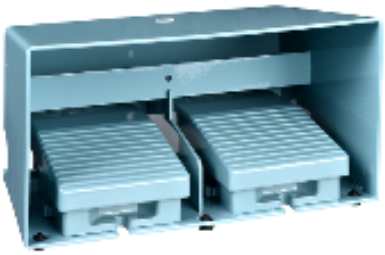
Product data sheet
Characteristics

XPEM3100D
Double foot switch, Harmony XPE, metal, blue, with cover, 1 step, 2 contacts 1NO+NC, IP66



Main

Range of product	Harmony XPE
Product or component type	Foot switch
Material	Metal
Foot switch type	Double foot switch
Device short name	XPEM
Provided equipment	Cover
Trigger mechanism	Without trigger mechanism
Contact operation	1 step
Contacts type and composition	2 x (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 entries tapped for Pg 16 cable gland
Mechanical durability	15000000 Cycles
[Ie] rated operational current	3 A, 240 V, AC-15, A300 0.27 A, 250 V, DC-13, Q300 conforming to IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	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 UL 508 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 KV conforming to IEC 60947-1
Maximum resistance across terminals	25 MOhm conforming to IEC 60255-7 category 3 25 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
Rated operational power in W	10 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 24 V, load factor: 0.5 conforming to I 4 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 120 V, load factor: 0.5 conforming to 7 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 48 V, load factor: 0.5 conforming to IE
Terminals description ISO n°2	(11-12)NC B (13-14)NO
Net weight	5.9 Kg

Environment

Standards	NF E 09-031
Product certifications	FIMKO[RETURN]CSA
Protective treatment	TC
Ambient air temperature for operation	-25…70 °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
Overvoltage category	Class I conforming to IEC 61140 Class I conforming to NF C 20-030
IP degree of protection	IP66 conforming to IEC 60529 IP66 conforming to IEC 60529

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	19.000 Cm
Package 1 Width	19.500 Cm
Package 1 Length	47.000 Cm
Package 1 Weight	7.060 Kg
Unit Type of Package 2	S06
Number of Units in Package 2	6
Package 2 Height	75.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	55.360 Kg

Offer Sustainability

Recyclability potential, in %	13
Total lifecycle Carbon footprint	52 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	47.4039969072
Carbon footprint of the manufacturing phase [A1 to A3]	47 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.9232210789
Carbon footprint of the distribution phase [A4]	0.9 kg CO2 eq.
Carbon footprint of the installation phase [A5]	1.1268789627
Carbon footprint of the installation phase [A5]	1 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]	2.9556847677
Carbon footprint of the end-of-life phase [C1 to C4]	3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	52
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
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status :	Commercialised