

Product data sheet

Characteristics

XPEM5100D

Double foot switch, Harmony XPE, metal, blue, with cover, trigger mechanism, 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	With trigger mechanism
Contact operation	1 step
Contacts type and composition	2 x (1 NC + 1 NO)
Color	Blue

Complementary

Positive opening	With IEC 60947-5-1 appendix K
Connections - terminals	Screw clamp terminal, $\leq 1 \times 2.5 \text{ mm}^2$ with or without cable end Screw clamp terminal, $\leq 2 \times 1.5 \text{ mm}^2$ 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 IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	500 V 3)IEC 60947-1 500 V 3)NF C 20-040 group C 500 V 3)VDE 0110 group C 300 VUL 508 300 VCSA C22.2 No 14
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-1
Maximum resistance across terminals	25 MOhm IEC 60255-7 category 3 25 MOhm NF C 93-050 method A
Short-circuit protection	10 A cartridge fuse gG IEC 60947-5-1 10 A cartridge fuse gG VDE 0660-200
Rated operational power in W	10 W DC-13 60 cyc/mn, 5000000 cycles, 24 V 0.5 IEC 60947-5-1 appendix C 4 W DC-13 60 cyc/mn, 5000000 cycles, 120 V 0.5 IEC 60947-5-1 appendix C 7 W DC-13 60 cyc/mn, 5000000 cycles, 48 V 0.5 IEC 60947-5-1 appendix C
Terminals description ISO n°2	(21-22)NC B (13-14)NO
Net Weight	13.38 lb(US) (6.07 kg)

Environment

Standards	NF E 09-031
Product Certifications	FIMKO[RETURN]CSA
Protective treatment	TC
Ambient Air Temperature for Operation	-13...158 °F (-25...70 °C)
Ambient Air Temperature for Storage	-40...158 °F (-40...70 °C)
Vibration resistance	15 gn 10...500 Hz)IEC 60068-2-6
Shock resistance	150 gn NF E 09-031 20 gn IEC 60068-2-27

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Overvoltage category	Class I IEC 61140 Class I NF C 20-030
IP degree of protection	IP66 conforming to IEC 60529 IP669 conforming to IEC 60529

Packing Units

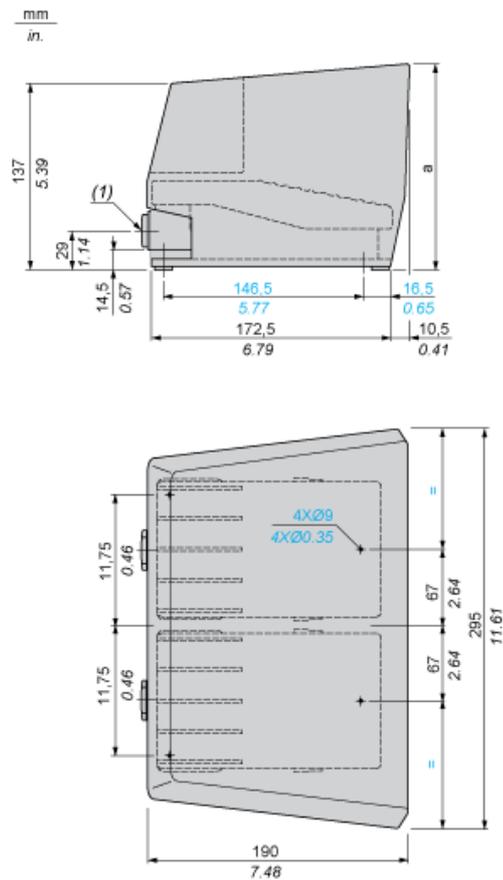
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.32 in (18.600 cm)
Package 1 Width	8.03 in (20.400 cm)
Package 1 Length	18.19 in (46.200 cm)
Package 1 Weight	16.40 lb(US) (7.440 kg)
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	30.31 in (77.000 cm)
Package 2 Width	31.50 in (80.000 cm)
Package 2 Length	23.62 in (60.000 cm)
Package 2 Weight	95.97 lb(US) (43.532 kg)

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Double Pedal Metal Foot Switch with Protective Cover

Dimensions



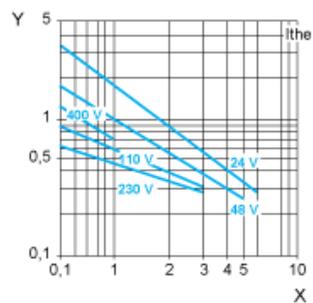
(1) 2 tapped entries for n° 16 (Pg 16) cable gland. For ISO M20, use adaptor DE9RA620.

Electrical Durability of Contacts

AC-15 Utilization Category

Operating rate: 3600 operating cycles/hour. Load factor: 0.5.

Inductive circuit:



X Current in A

Y Millions of operating cycles

DC-13 Utilization Category

Refer to the product characteristic "Operational power in W".