

Product data sheet

Specifications



Harmony XPE, Single foot switch, metal, orange, without cover, 1 step with analog output, 1 contact 2 NC + 2 NO, IP66

XPER929

⚠ Discontinued

⚠ Discontinued on: Mar 31, 2023

⚠ End-of-service on: Apr 15, 2023

Main

Range Of Product	Harmony XPE
Product Or Component Type	Foot switch
Material	Metal
Foot Switch Type	Single foot switch
Device Short Name	XPER
Trigger Mechanism	With trigger mechanism
Contact Operation	Analog output
Contacts Type And Composition	2 NC + NO
Colour	Orange

Complementary

Positive Opening	With conforming to EN/IEC 60947-5-1 appendix K
[Us] Rated Supply Voltage	24...48 V DC
Supply Voltage Limits	19...58 V
Current Consumption	4 mA no load
Output Current Drift	-12...2 % at -25...70 °C -6...2 % at 0...50 °C
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 EN/IEC 60947-5-1 appendix A
[Ui] Rated Insulation Voltage	500 V (pollution degree 3) conforming to EN/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 EN/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 EN/IEC 60947-5-1 10 A cartridge fuse type gG conforming to VDE 0660-200

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

Rated Operational Power In W	10 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 24 V, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 4 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 120 V, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C 7 W DC-13, operating rate <60 cyc/mn, 5000000 cycles, 48 V, load factor: 0.5 conforming to EN/IEC 60947-5-1 appendix C
Net Weight	1.22 kg

Environment

Standards	VDE 0660-200 EN/IEC 60947-5-1
Product Certifications	FIMKO
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 EN/IEC 61140 Class I conforming to NF C 20-030
Ip Degree Of Protection	IP66 conforming to IEC 60529

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	15.3 cm
Package 1 Width	15.1 cm
Package 1 Length	17.7 cm
Package 1 Weight	2.835 kg

Contractual warranty

Warranty	18 months
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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-CO₂ 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 >](#)

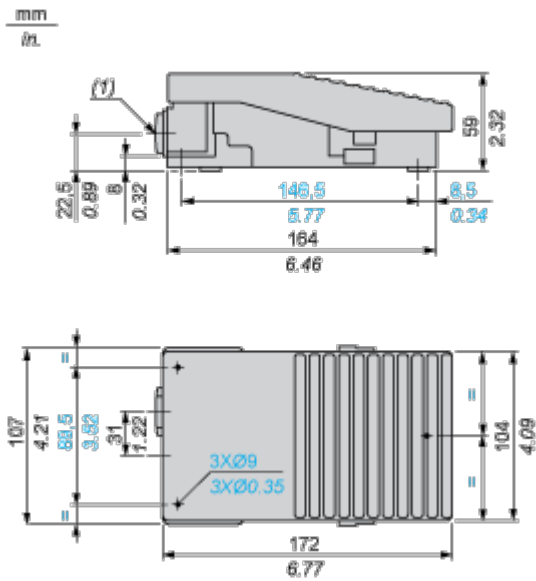
Well-being performance

<div>✓</div>	Reach Free Of Svhc	
<div>✓</div>	Toxic Heavy Metal Free	
<div>✓</div>	Mercury Free	
<div>✓</div>	Rohs Exemption Information	Yes
Reach Regulation	REACH Declaration	
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
China Rohs Regulation	China RoHS declaration	
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	
California Proposition 65	WARNING: This product can expose you to chemicals including: Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov	

Dimensions Drawings

Metal Foot Switch without Protective Cover

Dimensions

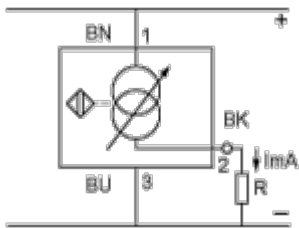


- (1) 2 tapped entries for n° 16 (Pg 16) cable gland. For ISO M20, use adaptor DE9RA620.

Connections and Schema

Foot Switch with Analog Output

Wiring Diagram



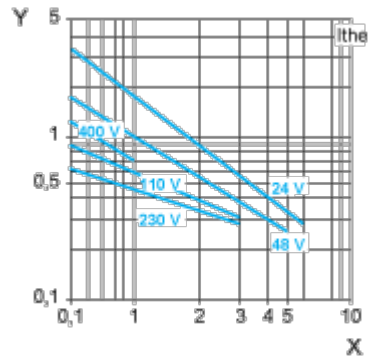
- BN Brown
- BU Blue
- BK Black

Performance Curves

Electrical Durability of Contacts

AC-15 Utilization Category

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



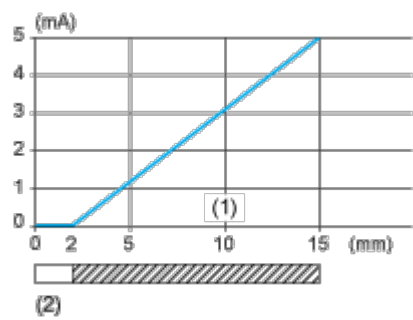
X Current in A

Y Millions of operating cycles

DC-13 Utilization Category

Refer to the product characteristic “Operational power in W”.

Analog Output Current Curve



- (1) Pedal travel
- (2) Change of contact state