

IPSY1A11



IPSY1A11 Foot Switch



General Information

Extended Product Type	IPSY1A11
Product ID	1SBV002105R1111
EAN	3471522009685
Catalog Description	IPSY1A11 Foot Switch
Long Description	IPSY1A11 Foot Switch

Ordering

EAN	3471522009685
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Weight	1.2 kg
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Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	290 mm
Package Level 1 Height	165 mm
Package Level 1 Depth / Length	160 mm
Package Level 1 Gross Weight	1.1 kg
Package Level 1 EAN	3471522009685
Package Level 2 Units	1 piece
Package Level 2 Gross Weight	1.1 kg

Environmental

Ambient Air Temperature	Storage -30 ...+80 °C Operation -10 ... +70 °C
Resistance to Vibrations acc. to IEC 60068-2-6	25g (10 to 500 Hz) no change in position of contacts greater than 100 µs
Resistance to Shock acc. to IEC 60068-2-27	Half-sine Pulse for 11 ms, No Change in Contact Position 50 m/s ²
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Pilot Duty of Contact Elements acc. UL508	A600 Q600
Flammability According to UL94	V0

Additional Information

Action Type of the Contact Element (acc. to IEC 60947-snap action contacts 5-1)

Actuation Torque	acc. to IEC 60947-5-1 Min. 0.25 N·m
Base Color	Grey
Cable Outlets Per Side	1 pre-pressed Pg16 knockout on each side
Climatic Withstand	according to IEC 68-2-3 and salty mist according to IEC 68-2-11
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, $q = 40\text{ °C}$ 10.0 A
Connecting Capacity	AWG 20 ... AWG 14 0.5 ... 2.5 mm ²
Contact Element Form (acc. to IEC 60947-5-1)	Za
Connecting terminals (delivered in open position)	M3.5 (+,-) screw Phillips head n ³ 1 with captive cable gland
Cover Color	yellow
Degree of Protection	acc. to IEC 60529 IP65
Electrical Shock Protection acc. to IEC 536	Double insulation - Class II
Mechanical Durability	30 million
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Number and Type of Bottom Cable Glands	Pg 16 Cable Gland
Operating Angle of the Foot Switch Pedal	15 °
Operating Format	free movement
Order Multiple	1 piece
Positive Opening Operation of NC Contact(s)	Yes
Product Main Type	Foot Switches
Product Name	Foot Switch
Rated Frequency (f)	Supply Circuit 50 Hz Supply Circuit 60 Hz
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Rated Insulation Voltage (U_i)	acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V acc. to UL/CSA 600 V
Rated Operational Current AC-15 (I_e)	(130 V) 5.5 A (230 V) 3.1 A (240 V) 3 A (24 V) 10 A (400 V) 1.8 A
Rated Operational Current DC-13 (I_e)	(110 V) 0.6 / 66 A (24 V) 2.8 / 67.2 A (250 V) 0.27 / 67.5 A
Resistance Between Contacts	25 mΩ
RoHS Date	20161027
Standards	IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22-2 N°14
Terminal Marking	according to EN 50013

Certificates and Declarations (Document Number)

Data Sheet, Technical Information	1SBC001699R1002
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Declaration of Conformity - CE	1SBD250882C2000
Environmental Information	1SBD250111E1000
Instructions and Manuals	1SBC001699R1002
RoHS Information	1SBD350077R1001

Classifications

E-nummer	3705045
ETIM 4	EC001829 - Position switch modular
ETIM 5	EC001829 - Position switch modular
ETIM 6	EC001829 - Position switch modular
Object Classification Code	B
UNSPSC	39121500
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Control Products → Sensors → Limit Switches

