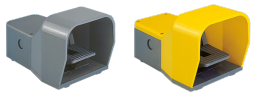
PRODUCT-DETAILS

IPSY1A11

IPSY1A11 Foot Switch



General Information

Extended Product Type	IPSY1A11
Product ID	1SBV002105R1111
EAN	3471522009685
Catalog Description	IPSY1A11 Foot Switch
Long Description	IPSY1A11 is a Covered Foot Switch with grey base and yellow ABS cover. The pedal movement is free and the switch is equipped with 1 Pg16 cable entry and 1 N.O + 1 N.C snap action (Za type) contacts.

Ordering

EAN	3471522009685
Minimum Order Quantity	1 piece
Customs Tariff Number	85364900

Dimensions

Product Net Width	140 mm
Product Net Height	138 mm
Product Net Depth / Length	280 mm
Product Net Weight	1.2 kg

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	160 mm
Package Level 1 Height	160 mm
Package Level 1 Depth / Length	300 mm
Package Level 1 Gross Weight	1.37 kg
Package Level 1 EAN	3471522009685
Package Level 2 Units	1 piece
Package Level 2 Gross Weight	1.1 kg

Environmental

Ambient Air Temperature	Operation -10 ... +70 °C Storage -25 ... +80 °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/s²
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Pilot Duty of Contact Elements acc. UL508	A600 Q600
Flammability According to UL94	V-0

Additional Information

Action Type of the Contact Element (acc. to IEC 60947-5-1)	Snap action contacts
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 °C 10 A
Connecting Capacity	Bar AWG 20 ... AWG 14 mm² Bar 0.5 ... 2.5 mm²
Contact Element Form (acc. to IEC 60947-5-1)	Za
Connecting Terminals (delivered in open position)	M3.5 (+,-) screw Phillips head n1 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 DD
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 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)	(400 V) NC 4 (24 V) 10 A (130 V) 5.5 A
Rated Operational Current DC-13 (I_e)	(24 V) 6 A (110 V) 0.6 / 66 A (125 V) 0.55 A (250 V) 0.4 A
Resistance Between Contacts	25 E45
RoHS Date	20171115
Standards	IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22-2 N°14, EN 61058-1
Terminal Marking	according to EN 50013

Certificates and Declarations (Document Number)

CQC Certificate	CQC2004010305127663
cUL Certificate	9AKK107991A7379
Data Sheet, Technical Information	1SBC141157C0202
Declaration of Conformity - CCC	2020980305001785
Declaration of Conformity - CE	1SBD250881U1000
Environmental Information	1SBD250111E1000
Instructions and Manuals	1SBC141157C0202
RoHS Information	1SBD250881U1000

Classifications

ETIM 4	EC001829 - Position switch modular
ETIM 5	EC001829 - Position switch modular
ETIM 6	EC001258 - Foot switch
ETIM 7	EC001258 - Foot switch
Object Classification Code	B
UNSPSC	39121500
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
IDEA Granular Category Code (IGCC)	5275 >> Foot switch

Categories

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

