



**Automatización Eléctrica**

Especialistas en Automatización

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## General Information

Extended Product Type:	IPSR2D22
Product ID:	1SBV002208R1422
EAN:	3471522009517
Catalog Description:	IPSR2D22 Foot Switch
Long Description:	IPSR2D22 Foot Switch

## Categories

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

## Ordering

EAN:	3471522009517
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85369085

## Dimensions

Product Net Weight:	1.100 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 Length:	160 mm
Package Level 1 Gross Weight:	1.1 kg
Package Level 1 EAN:	3471522009517

## Environmental

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

## 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 60947-5-1):	non-overlapping slow 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
Connecting Capacity:	AWG 20 ... AWG 14 0.5 ... 2.5 mm <sup>2</sup>
Connecting terminals (delivered in open position):	M3.5 (+, -) screw Phillips head n <sup>1</sup> with captive cable gland
Contact Element Form (acc. to IEC 60947-5-1):	Zb
Conventional Free-air Thermal Current (I <sub>th</sub> ):	acc. to IEC 60947-5-1, q = 40 °C 10.0 A
Cover Color:	red
Degree of Protection:	acc. to IEC 60529 IP65
Electrical Shock Protection acc. to IEC 536:	Double insulation - Class II
IIT Publishing Status:	Level 0 - Information enabled
Load Factor:	.5
Mechanical Durability:	30 million
Number and Type of Bottom Cable Glands:	Pg 16 Cable Gland

<b>Number of Auxiliary Contacts NC:</b>	2
<b>Number of Auxiliary Contacts NO:</b>	2
<b>Operating Angle of the Foot Switch Pedal:</b>	15 °
<b>Operating Format:</b>	locked in neutral position
<b>Positive Opening Operation of NC Contact(s):</b>	Yes
<b>Product Main Type:</b>	Foot Switches
<b>Product Name:</b>	Foot Switch
<b>Rated Frequency (f):</b>	Supply Circuit 50 Hz Supply Circuit 60 Hz
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	6 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V acc. to UL/CSA 600 V
<b>Rated Operational Current AC-15 (I<sub>e</sub>):</b>	(130 V) 5.5 A (230 V) 3.1 A (240 V) 3 A (24 V) 10 A (400 V) 1.8 A
<b>Rated Operational Current DC-13 (I<sub>e</sub>):</b>	(110 V) 0.6 / 66 A (24 V) 2.8 / 67.2 A (250 V) 0.27 / 67.5 A
<b>Resistance Between Contacts:</b>	25 mΩ
<b>Standards:</b>	IEC 60947-1, IEC 60947-5-1, EN 60947-1, EN 60947-5-1, UL 508 and CSA C22-2 N°14
<b>Terminal Marking:</b>	according to EN 50013

### Certificates and Declarations (Document Number)

<b>Data Sheet, Technical Information:</b>	1SBC001699R1002
<b>Declaration of Conformity - CE:</b>	1SBD250882C2000

### Classifications

<b>ETIM 4:</b>	EC001829 - Position switch modular
<b>ETIM 5:</b>	EC001829 - Position switch modular
<b>UNSPSC:</b>	39121500





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