

General Information

Extended Product Type:	S804U-PVS5
Product ID:	2CCP824017R1159
EAN:	7612271419929
Catalog Description:	S804U-PVS5 High Performance Circuit Breaker
Long Description:	The S804U-PVS5 is a 4-pole High Performance Circuit Breaker with cage terminal and a rated current of 5A. This device is developed to meet the requirements as GFDI (Ground Fault Detection Interrupteur) in photovoltaic systems. The rated voltage is 1000V DC. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S80U-PVS5 complies with UL489B and allows the use in photovoltaics in U.S.. The extensive range of accessory makes the use of S804U-PVS5 more comfortable. Due to the fast arc extinction of S804U-PVS5 your application will be secured.

Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » High Performance Circuit Breakers HPCBs

Ordering

EAN:	7612271419929
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362020

Dimensions

Product Net Width:	108 mm
Product Net Depth:	82.5 mm
Product Net Height:	142 mm
Product Net Weight:	0.98 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	152 mm
Package Level 1 Length:	111 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	1.01 kg
Package Level 1 EAN:	7612271419929

Environmental

Ambient Air Temperature:	Operation -25 ... +60 °C Storage -40 ... +70 °C
Environmental Conditions:	Damp Heat Cyclic acc. to IEC 60068-2-30 12+12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96% Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100% Dry Heat Test B acc. to IEC 60068-2-2 16 hour @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hour @ 70 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical

Standards:	IEC/EN 60947-2
Number of Poles:	4
Tripping Characteristic:	B
Rated Operational Voltage:	1000 V DC
Power Loss:	per Pole 1.8 W
Rated Insulation Voltage (U _i):	1500 V DC
Overvoltage Category:	IV
Pollution Degree:	3
Rated Impulse Withstand Voltage (U _{imp}):	8 kV
Housing Material:	Insulation group I, RAL 7035
Contact Position Indication:	ON / OFF / TRIP
Degree of Protection:	acc. to IEC 60529 IP20
Remarks:	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Terminal Type:	Screw Terminals
Connecting Capacity:	Flexible 1 ... 50 mm ² Flexible Stranded

	1 ...70 mm ²
Tightening Torque:	3.5 N·m
Recommended Screw Driver:	Pozidriv 2
Mounting on DIN Rail:	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position:	Any

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CCC413033D0601
RoHS Information:	2CCC413008D0204

Classifications

ETIM 4.0:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5.0:	EC000042 - Miniature circuit breaker (MCB)
Object Classification Code:	F

