

**21PV8144**

## Load break switch body for photovoltaic applications SIRCO MC PV 600VDC 8P 45A



### Strong points

- Compact
- High breaking capacity up to 1000 VDC
- Safety
- Easy mounting

### General characteristics

- Range from 25A to 40A.
- Up to 1000 VDC.
- Din-rail mounting or door mounted.

### Compliance with standards

- IEC 60947-3
- UL508i

### Link to the reference

<https://apac.socomec.com/en/reference/21PV8144>

SIRCO MC PV are DC load break switches. They make and break under load conditions and provide optimum safety isolation for any PV circuit.

### Classification

UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290

### Commerce

Effective date	2013-11-26
Country of origin	PL
Length of the product unit	0.078
Width of the product unit	0.052
Depth of the product unit	0.0675
Weight	0.47

### ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	1000
Rated operating voltage [V]	600..600
Rated permanent current Iu [A]	45
Number of poles	4

### ETIM - Mechanical characteristics

Suitable for floor mounting	No
Suitable for front mounting 4-hole	Yes
Suitable for front mounting centre	No
Suitable for distribution board installation	Yes
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20

### ETIM - Technical features

Version as main switch	Yes
Version as maintenance-/service switch	Yes
Version as safety switch	Yes
Version as emergency stop installation	Yes
Version as reversing switch	No
Number of switches	1
Motor drive optional	No
Motor drive integrated	No
Voltage release optional	No
Device construction	Built-in device fixed built-in technique
Type of control element	Other
Interlockable	Yes
Type of electrical connection of main circuit	Screw connection

### Logistics

GTIN/EAN	3596032776923
Customs number	8536508090
Price unit	PC
Weight of the packing unit	0.475
Length of the packing unit	0.12

Width of the packing unit	0.095
Depth of the packing unit	0.095
<b>Norms</b>	
Conformity to standards	IEC UL
<b>Technical Characteristics</b>	
Control operator	Manual
Number of poles	4+4
Rated voltage	600
Rated current	45
Type	Frontal operation
Frame size	MC