

21PV8154

Load break switch SIRCO MC PV 4P4 40A 1000VDC Frontal



Strong points

- Compact
- High breaking capacity up to 1500 VDC
- Safety
- Easy installation

General characteristics

- Range from 20 to 50A.
- Up to 1500 VDC.
- Din-rail mounting or directly enclosed.

Compliance with standards

- IEC 60947-3
- UL508i

Link to the reference



<https://apac.socomec.com/en/reference/21PV8154>

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	EC004963
IGCC	5290

Commerce

Description	Load break switch for photovoltaic applications SIRCO MC PV with 4+4 poles, 40A, 1000 Voltage DC frontal direct operation with handle type MC01 or frontal external operation with handle type MC1. Delivered without handle
Effective date	2013-11-26
Offer Life Cycle Code	40
Country of origin	PL
Former product list	21PV5202-SIRCO MC PV 2+2P AV 30A 600VDC 21PV6124 SIRCO MC PV 3+3P AR 40A 600VDC

Environmental impact

Carbon footprint - Lifecycle total [kg CO ₂ eq.]	42
Carbon footprint - Manufacturing [A1-A3] [kg CO ₂ eq.]	4
Use scenario	20 years / European mix

ETIM - Electrical characteristics

Number of poles	4
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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
Width [mm]	52
Height [mm]	78
Depth [mm]	67.5

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
Device construction	Built-in device fixed built-in technique
Voltage release optional	No
Type of control element	Other
Interlockable	Yes

Type of electrical connection of main circuit	Screw connection
Logistics	
GTIN/EAN	3596032776930
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	0.43
Length of the packing unit [m]	0.12
Width of the packing unit [m]	0.1
Depth of the packing unit [m]	0.095
Norms	
Conformity to standards	IEC UL
Technical Characteristics	
Height [mm]	78
Width [mm]	52
Depth [mm]	67.5
Weight [kg]	0.43
Control operator	Manual
Number of poles	4+4
Rated voltage	1000
Rated current [A]	40
Type	Frontal operation
Frame size	MC