

**21PV5102**

## Load break switch photovoltaic applications SIRCO MC PV 600VDC 2x(1P+, 1P-) 30A


**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

**Access to resources (ex: manuals)**

<https://www.socomec.co.in/en-in/reference/21PV5102>

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             | 2012-05-11 |
| 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                     | 0.23       |

**ETIM - Electrical characteristics**

|  |          |
|--|----------|
| Max. rated operation voltage Ue AC [V] | 1000     |
| Rated operating voltage [V]            | 600..600 |
| Rated permanent current Iu [A]         | 30       |
| 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                   | 3596032676223 |
| Customs number             | 8536508090    |
| Price unit                 | PC            |
| Weight of the packing unit | 0.23          |
| Length of the packing unit | 0.09          |

|                                  |                   |
|----------------------------------|-------------------|
| Width of the packing unit        | 0.08              |
| Depth of the packing unit        | 0.08              |
| <b>Norms</b>                     |                   |
| Conformity to standards          | IEC<br/>UL        |
| <b>Technical Characteristics</b> |                   |
| Control operator                 | Manual            |
| Number of poles                  | 2+2               |
| Rated voltage                    | 600               |
| Rated current                    | 30                |
| Type                             | Frontal operation |
| Frame size                       | MC                |