

**21PV6722**

## Load break switch SIRCO MC PV 3P3 25A 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/21PV6722>

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 3+3 poles, 25A, 1000 Voltage DC frontal direct operation with handle type MC01 or frontal external operation with handle type MC1. Delivered without handle |
| Effective date        | 2012-09-10                                                                                                                                                                                                                   |
| Offer Life Cycle Code | 40                                                                                                                                                                                                                           |
| Country of origin     | PL                                                                                                                                                                                                                           |

### Environmental impact

|                                                                   |                         |
|-------------------------------------------------------------------|-------------------------|
| Carbon footprint - Lifecycle total [kg CO <sub>2</sub> eq.]       | 41                      |
| Carbon footprint - Manufacturing [A1-A3] [kg CO <sub>2</sub> eq.] | 3                       |
| Use scenario                                                      | 20 years / European mix |

### ETIM - Electrical characteristics

|                 |   |
|-----------------|---|
| Number of poles | 3 |
|-----------------|---|

### 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                         | 3596032697624     |
| Customs number                   | 8536508000        |
| Price unit                       | PC                |
| Weight of the packing unit [kg]  | 0.351             |
| Length of the packing unit [m]   | 0.095             |
| Width of the packing unit [m]    | 0.12              |
| Depth of the packing unit [m]    | 0.1               |
| <b>Norms</b>                     |                   |
| Conformity to standards          | IEC<br>UL         |
| <b>Technical Characteristics</b> |                   |
| Height [mm]                      | 78                |
| Width [mm]                       | 52                |
| Depth [mm]                       | 67.5              |
| Weight [kg]                      | 0.351             |
| Control operator                 | Manual            |
| Number of poles                  | 3+3               |
| Rated voltage                    | 1000              |
| Rated current [A]                | 25                |
| Type                             | Frontal operation |
| Frame size                       | MC                |