

**99154016**

## Remotely operated AC Load break switch SIRCO MOT AT 230VAC 4P 160A

### Strong points

- Extended power range
- Integrated auxiliary contacts
- Reliability and performance

### General characteristics

- 2 stable positions (I, 0).
- One auxiliary contact per position as standard.
- Positive break indication.
- AUTO/MANU selector.
- Manual emergency operation.
- Padlocking in position 0 (position I optional).
- Ratings: from 125 to 3200 A.

### Compliance with standards

- IEC60947-3
- EN 60947-3
- NBN EN 60947-3
- BS EN 60947-3
- GB 14048

### Link to the reference

<https://apac.socomec.com/en/reference/99154016>

SIRCO MOT AT are remotely operated 3/4 pole load break switches. They make and break under load conditions and provide safety isolation for any low voltage electrical circuit.

This is ensured via volt-free contacts using either a pulse or contactor logic.

|   |  |
|---|--|
| <b>Classification</b>                               |  |
| UNSPSC  | 39122233                                 |
| ETIM Class  | EC000216                                 |
| IGCC  | 5290                                     |
| <b>Commerce</b>                                     |  |
| Effective date                                      | 2013-12-13                               |
| Country of origin                                   | FR                                       |
| Length of the product unit                          | 0.135                                    |
| Width of the product unit                           | 0.34                                     |
| Depth of the product unit                           | 0.244                                    |
| Weight  | 8  |
| <b>ETIM - Electrical characteristics</b>            |  |
| Max. rated operation voltage Ue AC [V]              | 690                                      |
| Rated operating voltage [V]                         | 400..690                                 |
| Rated permanent current Iu [A]                      | 160                                      |
| Rated permanent current at AC-23, 400 V [A]         | 160                                      |
| Rated permanent current at AC-21, 400 V [A]         | 160                                      |
| Rated short-time withstand current Icw [kA]         | 7  |
| Rated operation power at AC-23, 400 V [kW]          | 80                                       |
| Switching power at 400 V [kW]                       | 80                                       |
| Conditioned rated short-circuit current Iq [kA]     | 100                                      |
| Number of poles                                     | 4  |
| <b>ETIM - Mechanical characteristics</b>            |  |
| Suitable for floor mounting                         | No                                       |
| Suitable for front mounting 4-hole                  | Yes                                      |
| Suitable for front mounting centre                  | No                                       |
| Suitable for distribution board installation        | No                                       |
| Suitable for intermediate mounting                  | Yes                                      |
| Colour control element                              | Black                                    |
| Degree of protection (IP), front side               | IP20                                     |
| <b>ETIM - Technical features</b>                    |  |
| Version as main switch                              | Yes                                      |
| Version as maintenance-/service switch              | Yes                                      |
| Version as safety switch                            | Yes                                      |
| Version as emergency stop installation              | No                                       |
| Version as reversing switch                         | No                                       |
| Number of switches                                  | 1  |
| Number of auxiliary contacts as change-over contact | 2  |
| Motor drive optional                                | No                                       |
| Motor drive integrated                              | Yes                                      |
| Voltage release optional                            | No                                       |
| Device construction                                 | Built-in device fixed built-in technique |
| Type of control element                             | Long turning handle                      |

|   |                   |
|---|-------------------|
| Interlockable                                 | Yes               |
| Type of electrical connection of main circuit | Bolt connection   |
| <b>Logistics</b>                              |                   |
| GTIN/EAN                                      | 3596032779566     |
| Customs number                                | 8536508090        |
| Price unit                                    | PC                |
| Weight of the packing unit                    | 8                 |
| Length of the packing unit                    | 0.36              |
| Width of the packing unit                     | 0.36              |
| Depth of the packing unit                     | 0.47              |
| <b>Norms</b>                                  |                   |
| Conformity to standards                       | IEC               |
| <b>Technical Characteristics</b>              |                   |
| Control operator                              | Motorized         |
| Number of poles                               | 4                 |
| Rated voltage                                 | 690 VAC - 440 VDC |
| Rated current                                 | 160               |
| Type  | Front operation   |
| Frame size                                    | B3                |