

**93234016**

## Remotely operated transfer switch ATyS d M 4P 160A



### Strong points

- Secure
- High-speed transfer
- Superior electrical performance
- Immune to voltage fluctuations

### General characteristics

- Range from 40A to 160A.
- Available in 2P or 4P.
- Easy selection of AUT/MAN mode.
- Manual emergency operation.
- Padlocking facility.

### Compliance with standards

- IEC 60947-6-1
- IEC 60947-3
- GB/T 14048.11

### Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/93234016>

ATyS d M devices are 2 pole or 4 pole transfer switches that are remotely controlled using volt-free contacts from an external controller. They are modular products with positive break indication. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

### Classification

|            |          |
|------------|----------|
| UNSPSC     | 39122205 |
| ETIM Class | EC000216 |
| IGCC       | 5177     |

### Commerce

|                            |            |
|----------------------------|------------|
| Effective date             | 2014-02-14 |
| Country of origin          | TN         |
| Length of the product unit | 0.245      |
| Width of the product unit  | 0.34       |
| Depth of the product unit  | 0.0735     |
| Weight                     | 4.33       |

### ETIM - Electrical characteristics

|   |          |
|---|----------|
| Max. rated operation voltage Ue AC [V]          | 800      |
| 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]     | 4        |
| Rated operation power at AC-23, 400 V [kW]      | 80       |
| Switching power at 400 V [kW]                   | 80       |
| Conditioned rated short-circuit current Iq [kA] | 40       |
| Number of poles                                 | 4        |

### ETIM - Mechanical characteristics

|  |       |
|--|-------|
| Suitable for floor mounting                  | No    |
| Suitable for front mounting 4-hole           | No    |
| 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              | No                                       |
| Version as reversing switch                         | Yes                                      |
| Number of switches                                  | 2  |
| Number of auxiliary contacts as change-over contact | 3  |
| 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                             | Other                                    |

|   |                  |
|---|------------------|
| Interlockable                                 | Yes              |
| Type of electrical connection of main circuit | Screw connection |
| <b>Logistics</b>                              |                  |
| GTIN/EAN                                      | 3596032819408    |
| Customs number                                | 8536508090       |
| Price unit                                    | PC               |
| Weight of the packing unit                    | 4.33             |
| Length of the packing unit                    | 0.4              |
| Width of the packing unit                     | 0.3              |
| Depth of the packing unit                     | 0.115            |
| <b>Norms</b>                                  |                  |
| Conformity to standards                       | CCC<br/>IEC      |
| <b>Technical Characteristics</b>              |                  |
| Control operator                              | RTSE             |
| Number of poles                               | 4                |
| Rated current                                 | 160              |
| Type  | RTSE             |
| Frame size                                    | ATYS M           |