

**93644004**

## Automatic Transfer Switch ATyS p M 4P 40A 230/400 VAC



### Strong points

- Flexible programming
- Trip function
- Communication and configuration
- Remote control interface
- Immune to voltage fluctuations

### General characteristics

- For all applications.
- Range from 40A to 160A.
- Available in 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

### Link to the reference



<https://emea.socomec.com/en/reference/93644004>

ATyS p M are single-phase or three-phase automatic transfer switches with positive break indication. Functions include ATyS t M and ATyS g M capability, with additional programmable parameters and a tripping function. A product model with communication is available. 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

|                       |                                                                                                                                                                                                                                     |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description           | Automatic Transfer Switch ATyS p M, switching type I-0-II, 4P 40A include a fully integrated ATS controller for Mains-Mains & Mains-Genset applications self powered from incoming sources: 400VAC, DIN rail or back plate mounting |
| Effective date        | 2014-02-14                                                                                                                                                                                                                          |
| Offer Life Cycle Code | 40                                                                                                                                                                                                                                  |
| Country of origin     | CN                                                                                                                                                                                                                                  |

### Environmental impact

|                                                                   |                          |
|-------------------------------------------------------------------|--------------------------|
| Carbon footprint - Lifecycle total [kg CO <sub>2</sub> eq.]       | 274                      |
| Carbon footprint - Manufacturing [A1-A3] [kg CO <sub>2</sub> eq.] | 66                       |
| PEP Filename                                                      | SOCO-00053-V02.02-EN.pdf |

### ETIM - Electrical characteristics

|                                                 |          |
|-------------------------------------------------|----------|
| Max. rated operation voltage Ue AC [V]          | 800      |
| Rated operating voltage [V]                     | 400..690 |
| Rated permanent current Iu [A]                  | 40       |
| Rated permanent current at AC-23,400 V [A]      | 40       |
| Rated permanent current at AC-21,400 V [A]      | 40       |
| Rated short-time withstand current Icw [kA]     | 4        |
| Rated operation power at AC-23, 400 V [kW]      | 18.5     |
| Switching power at 400 V [kW]                   | 18.5     |
| Conditioned rated short-circuit current Iq [kA] | 50       |
| 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  |
| Width [mm]                                   | 340   |

|                                               |                                          |
|-----------------------------------------------|------------------------------------------|
| Height [mm]                                   | 245                                      |
| Depth [mm]                                    | 73.5                                     |
| <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                   | Yes                                      |
| Number of switches                            | 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                       | Other                                    |
| Interlockable                                 | Yes                                      |
| Type of electrical connection of main circuit | Screw connection                         |
| <b>Logistics</b>                              |                                          |
| GTIN/EAN                                      | 3596032819590                            |
| Customs number                                | 8536508000                               |
| Price unit                                    | PC                                       |
| Weight of the packing unit [kg]               | 4.29                                     |
| Length of the packing unit [m]                | 0.395                                    |
| Width of the packing unit [m]                 | 0.12                                     |
| Depth of the packing unit [m]                 | 0.295                                    |
| <b>Materials and substances</b>               |                                          |
| EU REACH                                      | Does not contain SVHC                    |
| EU RoHS                                       | Compliant                                |
| <b>Norms</b>                                  |                                          |
| Conformity to standards                       | CCC<br>IEC                               |
| <b>Technical Characteristics</b>              |                                          |
| Height [mm]                                   | 245                                      |
| Width [mm]                                    | 340                                      |
| Depth [mm]                                    | 73.5                                     |
| Weight [kg]                                   | 4.29                                     |
| Control operator                              | Automatic fully programmable             |
| Number of poles                               | 4                                        |
| Rated current [A]                             | 40                                       |
| Type                                          | ATSE                                     |
| Frame size                                    | ATYS M                                   |