

**93544008**

## Automatic Transfer Switch ATyS g M 4P 80A 230/400 VAC



### Strong points

- Quick start
- Dedicated to mains/genset applications
- Secure programming
- Secure
- High-speed transfer
- Superior electrical performance
- Immune to voltage fluctuations

### General characteristics

- For mains/genset applications.
- 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 14048.11

### Access to resources (ex: manuals)

ATyS g M are modular automatic transfer switches with positive break indication. They are 2 or 4 pole (single or three-phase) devices. They have all the functions of the ATyS d M together with an integrated controller, giving them automatic features dedicated and mains/genset applications. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

### Technical Characteristics

|                                 |                                   |
|---------------------------------|-----------------------------------|
| Length of the product unit [mm] | 245                               |
| Width of the product unit [mm]  | 340                               |
| Depth of the product unit [mm]  | 73.5                              |
| Weight [kg]                     | 4.323                             |
| Control operator                | Automatic programmable for GENSET |
| Number of poles                 | 4                                 |
| Rated current [A]               | 80                                |
| Type                            | ATSE                              |
| Frame size                      | ATYS M                            |

### Classification

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

### Commerce

|                       |   |
|-----------------------|---|
| Description           | Automatic Transfer Switch ATyS g M, switching type I-0-II, 4P 80A 230/400 VAC include a fully integrated ATS controller for Mains-Mains & Mains-Genset applications self powered from incoming sources: 230VAC, DIN rail or back plate mounting |
| Effective date        | 2014-02-14  |
| Offer Life Cycle Code | 40  |
| Country of origin     | TN  |

### ETIM - Electrical characteristics

|   |          |
|---|----------|
| Max. rated operation voltage Ue AC [V]          | 800      |
| Rated operating voltage [V]                     | 400..690 |
| Rated permanent current Iu [A]                  | 80       |
| Rated permanent current at AC-23,400 V [A]      | 80       |
| Rated permanent current at AC-21,400 V [A]      | 80       |
| Rated short-time withstand current Icw [kA]     | 4        |
| Rated operation power at AC-23, 400 V [kW]      | 40       |
| Switching power at 400 V [kW]                   | 40       |
| 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                                     |
| <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                                      | 3596032819552                            |
| Customs number                                | 8536508000                               |
| Price unit                                    | PC                                       |
| Weight of the packing unit [kg]               | 4.323                                    |
| Length of the packing unit [m]                | 0.4                                      |
| Width of the packing unit [m]                 | 0.3                                      |
| Depth of the packing unit [m]                 | 0.115                                    |
| <b>Norms</b>                                  |  |
| Conformity to standards                       | CCC<br/>IEC                              |