**93644010**

# Automatic Transfer Switch ATyS p M 4P 100A 230/400 VAC



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.

## 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://apac.socomec.com/en/reference/93644010

## Technical Characteristics

| | |
|---|---|
| Height [mm] | 245 |
| Width [mm] | 340 |
| Depth [mm] | 73.5 |
| Weight [kg] | 4.33 |
| Control operator | Automatic fully programmable |
| Number of poles | 4 |
| Rated current [A] | 100 |
| Type | ATSE |
| Frame size | ATYS M |

## ETIM - Electrical characteristics

| | |
|---|---|
| Max. rated operation voltage Ue AC [V] | 800 |
| Rated operating voltage [V] | 400..690 |
| Rated permanent current Iu [A] | 100 |
| Rated permanent current at AC-23, 400 V [A] | 100 |
| Rated permanent current at AC-21, 400 V [A] | 100 |
| Rated short-time withstand current Icw [kA] | 4 |
| Rated operation power at AC-23, 400 V [kW] | 51 |
| Switching power at 400 V [kW] | 51 |
| 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 |

## 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 |
| 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 |

## Environmental impact

| | |
|---|---|
| Carbon footprint - Lifecycle total [kg $CO_2$ eq.] | 521 |
| Carbon footprint - Manufacturing [A1-A3] [kg $CO_2$ eq.] | 66 |
| Use scenario | 20 years / European mix |
| PEP Filename | SOCO-00053-V02.02-EN.pdf |

## Norms

| | |
|---|---|
| Conformity to standards | CCC<br>IEC |

## Materials and substances

| | |
|---|---|
| EU REACH | Does not contain SVHC |
| EU RoHS | Compliant |

## Commerce

| | |
|---|---|
| Description | Automatic Transfer Switch ATyS p M, switching type I-0-II, 4P 100A 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 |

## Logistics

| | |
|---|---|
| GTIN/EAN | 3596032819620 |
| Customs number | 8536508000 |
| Price unit | PC |
| Weight of the packing unit [kg] | 4.33 |
| Length of the packing unit [m] | 0.39 |
| Width of the packing unit [m] | 0.3 |
| Depth of the packing unit [m] | 0.116 |

## Classification

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