

93644004

Automatic transfer switch ATyS p M 4P 40A 230/400 VAC



Strong points

- Flexible programming
- Trip function
- Remote control interface
- Secure
- High-speed transfer
- Superior electrical performance
- 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

Access to resources (ex: manuals)

<https://www.socomec.co.in/en-in/reference/93644004>

ATyS p M are single-phase or three-phase modular automatic transfer switches 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.

ATyS p M provide open transition switching (I-O-II), on-load transfer between two sources for any low voltage power circuit, as well as safety isolation with double breaking per pole.

They have a fully programmable integrated an integrated ATS controller, allowing automatic transfer between two sources in main/genset or mains/mains applications.

For more safety, a tripping function is available, allowing going to 0 position without external power supply in case of 2 sources blackout and a permanent status monitoring as well as communication feature.

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 | 4.29 |

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 |

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 |

Logistics

| | |
|----------------------------|---------------|
| GTIN/EAN | 3596032819590 |
| Customs number | 8536508090 |
| Price unit | PC |
| Weight of the packing unit | 4.29 |
| Length of the packing unit | 0.395 |
| Width of the packing unit | 0.12 |
| Depth of the packing unit | 0.295 |

Norms

| | |
|-------------------------|-------------|
| Conformity to standards | CCC IEC |
|-------------------------|-------------|

Technical Characteristics

| | |
|------------------|------------------------------|
| Control operator | Automatic fully programmable |
| Number of poles | 4 |
| Rated current | 40 |
| Type | ATSE |
| Frame size | ATYS M |