

**95533160**

## Automatic transfer switch ATyS g 3P 1600A



### Strong points

- Rapid commissioning
- Specifically designed for mains/mains and mains/genset applications
- RS485 communication
- Watchdog relay to check product availability
- Integrated auxiliary contacts
- Extended power supply range
- More robust

### General characteristics

- Range from 125A to 3200A.
- Available in 3P or 4P.
- Extended power supply range 166-332VAC.
- Rapid commissioning.
- ATS with integrated DPS and controller for functions dedicated to mains/mains applications.
- Robust design.
- Optional RS485 communication module.

### 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/95533160>

ATyS g are 3 or 4 pole automatic transfer switches, with positive break indication. They incorporate all the functions offered by the ATyS r, as well as functions intended for mains/mains and mains/genset applications. In automatic mode they enable the monitoring of, and the on-load changeover between, two power supply sources, in accordance with the parameters configured via potentiometers and DIP switches. Remote monitoring of the ATyS g is possible with the optional RS485 communication module. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

|   |            |
|---|------------|
| <b>Classification</b>                                 |            |
| UNSPSC  | 39122205   |
| ETIM Class  | EC000216   |
| IGCC  | 5177       |
| <b>Commerce</b>                                       |            |
| Effective date  | 2012-06-21 |
| Country of origin                                     | FR         |
| Length of the product unit                            | 0.288      |
| Width of the product unit                             | 0.596      |
| Depth of the product unit                             | 0.3915     |
| Weight  | 50.2       |
| <b>ETIM - Electrical characteristics</b>              |            |
| Max. rated operation voltage Ue AC [V]                | 1000       |
| Rated operating voltage [V]                           | 400..690   |
| Rated permanent current Iu [A]                        | 1600       |
| Rated permanent current at AC-23, 400 V [A]           | 1250       |
| Rated permanent current at AC-21, 400 V [A]           | 1600       |
| Rated short-time withstand current Icw [kA]           | 50         |
| Rated operation power at AC-23, 400 V [kW]            | 750        |
| Switching power at 400 V [kW]                         | 10000      |
| Conditioned rated short-circuit current Iq [kA]       | 100        |
| Number of poles                                       | 3          |
| <b>ETIM - Mechanical characteristics</b>              |            |
| Suitable for floor mounting                           | No         |
| Suitable for front mounting 4-hole                    | No         |
| Suitable for front mounting centre                    | No         |
| Suitable for distribution board installation          | No         |
| 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          |
| Number of auxiliary contacts as normally open 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 | Bolt connection                          |
| <b>Logistics</b>                              |  |
| GTIN/EAN                                      | 3596032775711                            |
| Customs number                                | 8536508090                               |
| Price unit                                    | PC                                       |
| Weight of the packing unit                    | 50.2                                     |
| Length of the packing unit                    | 0.8                                      |
| Width of the packing unit                     | 0.6                                      |
| Depth of the packing unit                     | 0.6                                      |
| <b>Norms</b>                                  |  |
| Conformity to standards                       | CCC<br/>IEC                              |
| <b>Technical Characteristics</b>              |  |
| Control operator                              | Automatic programmable for GENSET        |
| Number of poles                               | 3  |
| Rated current                                 | 1600                                     |
| Type  | Class PC                                 |
| Frame size                                    | B7                                       |