

**18844017**

## Automatic transfer switch ATyS p M + COM RS485 4P 160A in steel enclosure IP54



### Strong points

- Quick installation
- Wide choice
- Low-maintenance
- Adaptability

### General characteristics

- Suitable for an environment subject to mechanical risk and dust hazards (IP54 version).
  - Bridging bars included.
  - IP/IK protection rating: IP3x (no cutout) or IP54 (with window).
  - Colour: RAL 7035.
  - Cable gland steel that can be removed top and bottom.
  - Connection: bottom/top with ATyS g M and ATyS p M (bottom input/top output)
  - Material: 1.2 mm steel.
- Coating: epoxy polyester powder.
- Mounting: 4 unmounted wall fixing lugs.
  - Hinged door with double 3 mm bolt.
  - Door cutout (IP3x)/Window (IP54): 327 x 47 mm.

### Compliance with standards

- IEC 60947-3
- IEC 60947-6-1
- IEC 61439-2

### Link to the reference

<https://apac.socomec.com/en/reference/18844017>

Our transfer enclosures are equipped with ATyS motorised or automatic transfer switches to ensure power availability in critical applications. The motorised transfer enclosures can be remotely controlled via dry contacts (e.g. via an external control system or pushbuttons). The automatic transfer enclosures monitor the status of the low-voltage power sources and provide full autonomous management of the power availability.

|   |                            |
|---|----------------------------|
| <b>Classification</b>                               |                            |
| UNSPSC  | 39122205                   |
| ETIM Class  | EC000216                   |
| IGCC  | 5177                       |
| <b>Commerce</b>                                     |                            |
| Effective date                                      | 2009-06-24                 |
| Country of origin                                   | FR                         |
| <b>ETIM - Electrical characteristics</b>            |                            |
| Max. rated operation voltage Ue AC [V]              | 400                        |
| Rated operating voltage [V]                         | 230..400                   |
| Rated permanent current Iu [A]                      | 160                        |
| Rated permanent current at AC-23, 400 V [A]         | 160                        |
| Rated permanent current at AC-21, 400 V [A]         | 160                        |
| Rated short-time withstand current Icw [kA]         | 4                          |
| Rated operation power at AC-23, 400 V [kW]          | 160                        |
| Conditioned rated short-circuit current Iq [kA]     | 40                         |
| Number of poles                                     | 4                          |
| <b>ETIM - Mechanical characteristics</b>            |                            |
| Suitable for floor mounting                         | No                         |
| Degree of protection (IP), front side               | IP54                       |
| <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 change-over contact | 3                          |
| Motor drive optional                                | No                         |
| Motor drive integrated                              | Yes                        |
| Voltage release optional                            | No                         |
| Device construction                                 | Complete device in housing |
| Type of control element                             | Other                      |
| Interlockable                                       | Yes                        |
| Type of electrical connection of main circuit       | Screw connection           |
| <b>Logistics</b>                                    |                            |
| GTIN/EAN  | 3596031968213              |
| Customs number                                      | 8536508090                 |
| Price unit  | PC                         |
| Weight of the packing unit                          | 25                         |

**Norms**

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

**Technical Characteristics**

|                  |                        |
|------------------|------------------------|
| Control operator | Automatic programmable |
| Number of poles  | 4                      |
| Rated current    | 160                    |
| Frame size       | ATYS M                 |