

**17854016**

## Automatic transfer switch ATyS p 4P 160A in steel enclosure Single Line



### Strong points

- Bypass - no outage
- 100% manufacturer certified solution
- 24/7 monitoring
- Customised solution

### General characteristics

- Automatic PC-class transfer switch, 40A to 3200A, 4 poles.
- 230/400 VAC  $\pm 20\%$ , 50/60 Hz (ATS self-powered through input sources).
- Control of the voltages and frequencies of both sources, phase rotation and neutral position.
- Communications: JBus/Modbus RS485, genset startup/shutdown, ATS and BYpass switch positions, programmable output.
- Steel enclosure/cabinet, RAL 7035, IP41 (other options on request).
- Protection of each functional unit from direct contact.

### Compliance with standards

- IEC 61439-2
- IEC 60947-6-1
- IEC 60947-3
- BS 60947-6-1
- BS 9999:2017
- BS 8519:2020

### Access to resources (ex: manuals)

<https://www.socomec.co.uk/en-gb/reference/17854016>

ATyS bypass Single Line enclosures ensure automatic switching to the available source in case of power failure. This ensures continuity of power supply, human safety and critical loads such as sprinklers, lifts, water pumps, etc. In addition, they ensure continuity of service during inspection, maintenance and testing operations, as well as complete isolation of the automatic transfer switches for safe intervention without load interruption. The ATyS Bypass Single Line version can be used to bypass the priority source.

#### Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177

#### Commerce

Effective date	2011-11-21
Country of origin	FR

#### ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	690
Rated operating voltage [V]	400..690
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]	12
Rated operation power at AC-23, 400 V [kW]	160
Conditioned rated short-circuit current Iq [kA]	50
Number of poles	4

#### ETIM - Mechanical characteristics

Suitable for floor mounting	No
Degree of protection (IP), front side	IP41

#### 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	6
Motor drive optional	No
Motor drive integrated	Yes
Voltage release optional	No
Device construction	Complete device in housing
Type of control element	Door coupling rotary drive
Interlockable	Yes
Type of electrical connection of main circuit	Screw connection

#### Logistics

GTIN/EAN	3596032635046
Customs number	8537109899
Price unit	PC
Weight of the packing unit	102
Length of the packing unit	0.35
Width of the packing unit	0.8

Depth of the packing unit	0.8
<b>Norms</b>	
Conformity to standards	IEC
<b>Technical Characteristics</b>	
Control operator	Automatic programmable
Number of poles	4
Rated current	160
Size	3
Frame size	B3