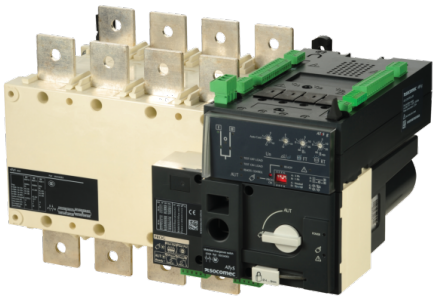
95534063

Automatic Transfer Switch ATyS g 4P 630A



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

Strong points

- Rapid commissioning
- Specifically designed for mains/mains and mains/genset applications
- RS485 communication
- 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

Link to the reference

https://apac.socomec.com/en/reference/95534063

Technical Characteristics

Height [mm]	260
Width [mm]	437
Depth [mm]	320.5
Weight [kg]	18.4
Control operator	Automatic programmable for GENSET
Number of poles	4
Rated current [A]	630
Type	Class PC
Frame size	B5

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	1000
Rated operating voltage [V]	380..690
Rated permanent current Iu [A]	630
Rated permanent current at AC-23, 400 V [A]	630
Rated permanent current at AC-21, 400 V [A]	630
Rated short-time withstand current Icw [kA]	10
Switching power at 400 V [kW]	5040
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	No
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20
Width [mm]	437
Height [mm]	260
Depth [mm]	320.5

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
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

Environmental impact

Carbon footprint - Lifecycle total [kg CO_2 eq.]	4054
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	177
Use scenario	20 years / European mix
PEP Filename	SOCO-00079-V01.01-EN.pdf

Norms

Conformity to standards	CCC IEC

Materials and substances

EU REACH	Does not contain SVHC
EU RoHS	Compliant

Commerce

Description	Automatic Transfer Switch ATyS g, switching type I-0-II, 4P 630A, with positive break indication, ATS with integrated Dual Power Supply, repleacable motor and back plate mounting for Mains-Mains & Mains-Genset applications
Effective date	2012-06-21
Offer Life Cycle Code	40
Country of origin	FR

Logistics

GTIN/EAN	3596032775834
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	18.8
Length of the packing unit [m]	0.534
Width of the packing unit [m]	0.42
Depth of the packing unit [m]	0.37

Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177