

95734160

Automatic transfer switch ATyS p 4P 1600A



ATyS p are 3 or 4 pole automatic transfer switches with positive break indication. They incorporate all the functions offered by the ATyS t and g, as well as functions designed for power management and functions communication.

In automatic mode they enable the monitoring of, and the on-load changeover between, two power supply sources, in accordance with the parameters configured through LCD display, or via communication. 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

- Recording of events
- Optional communication modules
- Configuration software
- Power measurements
- Possibility to set periodic genset startup
- More robust
- Security and reliability

General characteristics

- Range from 125A to 3200A.
- Available in 3P or 4P.
- Recording of events.
- Robust design
- Safety and reliability.

Compliance with standards

- IEC 60947-6-1
- IEC 60947-3
- GB/T 14048.11

Link to the reference

Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177

Commerce

Effective date	2012-06-21
Country of origin	FR
Length of the product unit [mm]	0.288
Width of the product unit [mm]	0.716
Depth of the product unit [mm]	0.3915
Weight [kg]	40

Environmental Sustainability

Climate change - Total - Cradle to Grave [kg CO ₂ eq]	8863,9053154365
Climate change - Total - Cradle to Gate [kg CO ₂ eq.]	427,168982412597
Packaging mass [kg]	10,0031982942431
Product mass without packaging [kg]	29,9968017057569

ETIM - Electrical characteristics

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	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
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
Logistics	
GTIN/EAN	3596032776190
Customs number	8536508090
Price unit	PC
Weight of the packing unit [kg]	40
Length of the packing unit [mm]	0.74
Width of the packing unit [mm]	0.6
Depth of the packing unit [mm]	0.8
Norms	
Conformity to standards	CCC IEC
Technical Characteristics	
Control operator	Automatic fully programmable
Number of poles	4
Rated current [A]	1600
Type	Class PC
Frame size	B7