93644016

Automatic Transfer Switch ATyS p M 4P 160A 230/400 VAC



ATyS p M are single-phase or three-phase automatic transfer switches with positive break indication.
Functions include ATyS t M and ATyS g M capability, with additional programmable parameters and a tripping function. A product model with communication is available. 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

- Flexible programming
- Trip function
- Communication and configuration
- Remote control interface
- Immune to voltage fluctuations

General characteristics

- For all applications.
- Range from 40A to 160A.
- Available in 4P.
- Easy selection of AUT/MAN mode.
- Manual emergency operation.
- Padlocking facility.

Compliance with standards

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

Link to the reference

https://apac.socomec.com/en/reference/93644016

Technical Characteristics

Height [mm]	245
Width [mm]	340
Depth [mm]	73.5
Weight [kg]	4.21
Control operator	Automatic fully programmable
Number of poles	4
Rated current [A]	160
Type	ATSE
Frame size	ATYS M

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	800
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]	4
Rated operation power at AC-23, 400 V [kW]	80
Switching power at 400 V [kW]	80
Conditioned rated short-circuit current Iq [kA]	40
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	Yes
Suitable for intermediate mounting	Yes
Colour control element	Other
Degree of protection (IP), front side	IP20
Width [mm]	340
Height [mm]	245
Depth [mm]	73.5

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
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	Screw connection

Environmental impact

Carbon footprint - Lifecycle total [kg CO_2 eq.]	850
Carbon footprint - Manufacturing [A1-A3] [kg CO_2 eq.]	66
Use scenario	20 years / European mix
PEP Filename	SOCO-00053-V02.02-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 p M, switching type I-0-II, 4P 160A include a fully integrated ATS controller for Mains-Mains & Mains-Genset applications self powered from incoming sources: 400VAC, DIN rail or back plate mounting
Effective date	2014-02-14
Offer Life Cycle Code	40
Country of origin	CN

Logistics

GTIN/EAN	3596032819644
Customs number	8536508000
Price unit	PC
Weight of the packing unit [kg]	4.21
Length of the packing unit [m]	0.12
Width of the packing unit [m]	0.3
Depth of the packing unit [m]	0.4

Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177