

**93644016**

## Automatic transfer switch ATyS p M 4P 160A 230/400 VAC



### Strong points

- Flexible programming
- Trip function
- Remote control interface
- Secure
- High-speed transfer
- Superior electrical performance
- 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>

ATyS p M are single-phase or three-phase modular automatic transfer switches with positive break indication. They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

ATyS p M provide open transition switching (I-O-II), on-load transfer between two sources for any low voltage power circuit, as well as safety isolation with double breaking per pole.

They have a fully programmable integrated an integrated ATS controller, allowing automatic transfer between two sources in main/genset or mains/mains applications.

For more safety, a tripping function is available, allowing going to 0 position without external power supply in case of 2 sources blackout and a permanent status monitoring as well as communication feature.

#### ----- System -----

Fill rate E-Order Common	86
Fill rate E-Order Selection	100

#### Classification

UNSPSC	39122205
ETIM Class	EC000216
IGCC	5177

#### Commerce

Effective date	2014-02-14
Country of origin	TN
Discount Policy	1CB78
Discount Policy Label	ATYS P M
Length of the product unit	0.245
Width of the product unit	0.34
Depth of the product unit	0.0735
Weight	4.21

#### 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

#### 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

### Logistics

GTIN/EAN	3596032819644
Customs number	8536508090
Price unit	PC
Weight of the packing unit	4.21
Length of the packing unit	0.12
Width of the packing unit	0.3
Depth of the packing unit	0.4

### Norms

Conformity to standards	CCC IEC
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### Technical Characteristics

Control operator	Automatic fully programmable
Number of poles	4
Rated current	160
Type	ATSE
Frame size	ATYS M