

Auto transfer switch ATyS p M 4P 100A, advanced logic



- Plug and play solution
- Integrated auto-configuration
- Quick installation
- Manual emergency control
- Continuous information on product availability
- Robust products
- High levels of performance

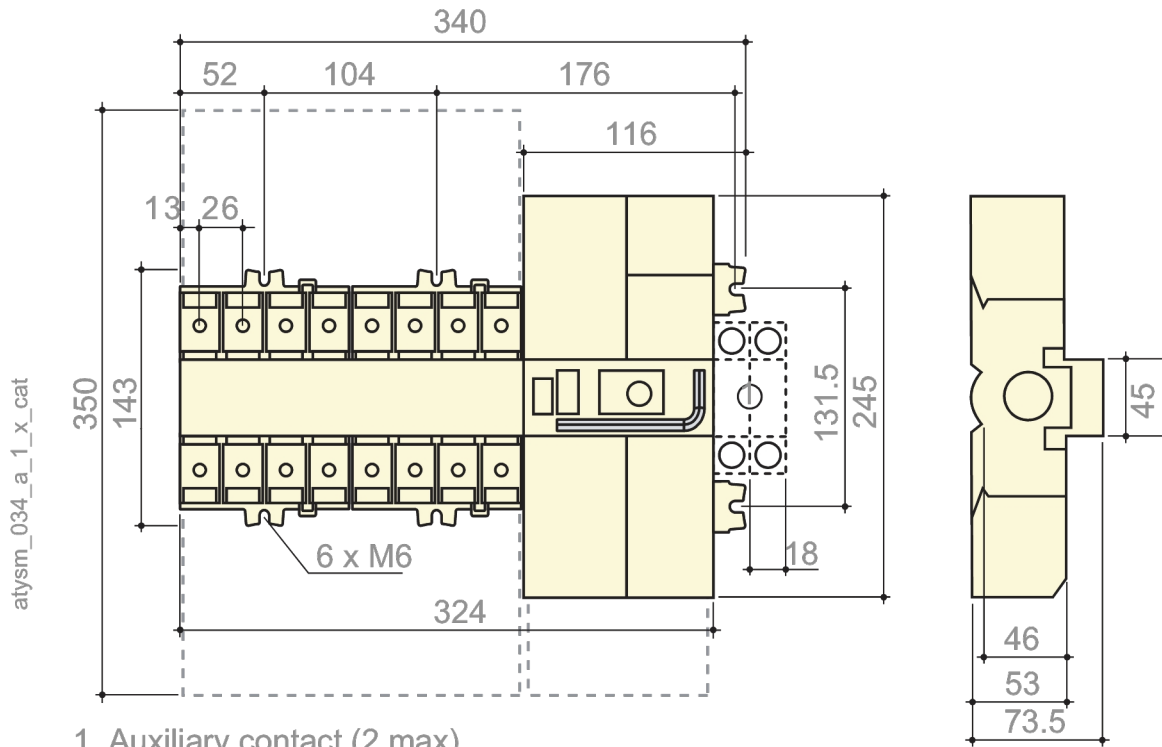
Representative Photo Only
(actual product may vary based on configuration selections)

SPECIFICATIONS

Component Type Power Distribution & Protection	Automatic Transfer Switch
Number of Poles	4
Unom, Supply Voltage, AC, Nom	230 V AC
Umin, Supply Voltage, AC, Min	161 V AC
Umax, Supply Voltage, AC, Max	299 V AC
Ith, Thermal Current, Open	63 A
Ith, Thermal Current at 40°C	100 A
Details, Thermal Current	Derates to 80A at 60°C, 63A at 70°C.
Ie, Rated Operational Current, AC-21a, 415V	100 A@415V
Ie, Rated Operational Current, AC-21b, 415V	100 A@415V
Ie, Rated Operational Current, AC-22a, 415V	100 A@415V
Ie, Rated Operational Current, AC-22b, 415V	100 A@415V
Ie, Rated Operational Current, AC-23a, 415V	100 A@415V
Ie, Rated Operational Current, AC-23b, 415V	100 A@415V
Ie, Rated Operational Current, AC-32b, 415V	100 A@415V
Ie, Rated Operational Current, AC-33b, 415V	100 A@415V
Icw, short time withstand current, 1s (rms)	4 kA for 1s
Current, Fuse-Protected Short-Circuit Capacity, 400V	50 kA
Output Voltage, AC, Max	400 V AC
Fuse Current Rating	100 A
Ui, Rated Insulation Voltage	600 V (rms)
Uimp, Impulse Withstand Voltage	6 kV
Cable Cross Section (Min)	10 mm ²
Cable Cross Section (Max)	70 mm ²
Switching Time (I - II / II - I)	0.18 s
Switching Time (I - 0 / II - 0)	0.045 s
Electrical Blackout Time (I - II)	0.09 s
Supply Power, Rated, AC 50Hz	6 VA

Mechanical Service Life	10000 cycles
Operating Temperature, Min	-20 °C min
Operating Temperature, Max	40 °C max
Storage Temperature, Max	55 °C max
Relative Humidity, Max	95 %RH
Humidity Type	Non-condensing
Altitude, Operating (No Derating)	2000 m
Height	245 mm
Width	324 mm
Depth	73.5 mm
Standards Compliance	IEC 60947-6-1 IEC 60947-3 GB 14048-11 EN 60947-3
Certifications	CE

REFERENCES	
IECEX Certificate	-
Supplier Declaration of Conformity:	-
Installation Guide:	-
User Manual:	-
Manufacturer Datasheet:	-
Manufacturer Catalogue & Product Selection:	-



1. Auxiliary contact (2 max).

Dimension Diagram

Catalogue No: **93644010**

AUTO TRANSFER SWITCH ADVANCED LOGIC ATYS P M 4P 100A

Power Distribution and Protection > Isolators and Transfer Switches > Transfer Switches > Socomec Automatic Transfer Switches > ATyS M (Modular) Series > ATyS p M

