



ATyS t M - ATyS g M

Automatic Transfer Switching Equipment

from 40 to 160 A

Transfer switches

new



ATyS t M
1-0-II 4P

atyS-tM_001_b_1_cat



ATyS g M
1-0-II 2P

atyS-gM_001_b_1_cat

Function

ATyS t M and ATyS g M are three-phase (4P) automatic transfer switches with positive break indication. The ATyS g M is also available in 2P for single phase applications.

The ATyS t M and ATyS g M both include ATyS d M functionality together, with an integrated controller for automatic transfer dedicated to mains/mains applications (ATyS t M) and mains/genset applications (ATyS g M). They are intended for use in low voltage power supply systems where a brief interruption of the load supply is acceptable during transfer.

Advantages

Fast commissioning

ATyS t M and g M transfer switches offer significant time saving during commissioning (the process takes 2 to 3 minutes). Thanks to the design that allows commissioning through just one potentiometer (4 on the ATyS g M) and four DIP switches, a screwdriver is all that is required to configure the parameters.

ATyS g M: specifically designed for mains/genset applications

The ATyS g M integrated controller has been designed to provide specific functions for these applications (genset startup, tests on load...) together with the monitoring of the voltage and frequency of both sources for three-phase and single-phase networks.

ATyS t M: specifically designed for mains/mains applications

The ATyS t M integrated controller has been designed to provide all the functions necessary for these applications (operation with or without priority, preferred source selection) together with the monitoring of the voltage and frequency of both sources for three-phase networks.

Secured configuration settings

In order to prevent any risk of unintended change to the configured settings, a sealable cover is available as an accessory.

The solution for

- > High Rise Buildings
- > Data centre
- > Healthcare buildings



Strong points

- > Fast commissioning
- > ATyS d M functions plus an integrated ATS controller dedicated to mains/mains or mains/genset applications
- > Secured configuration settings

Conformity to standards

- > IEC 60947-6-1
- > IEC 60947-3
- > GB 14048.11



Approvals and certifications⁽¹⁾



(1) Product reference on request.

(1) Only on two pole versions

What you need to know

The ATyS t M and ATyS g M are automatic transfer switching equipment that include a fully integrated ATS controller. These products are self powered from incoming supplies: 230 VAC (176-288 VAC), 50/60 Hz (45/65Hz).

References

ATyS t M

Rating (A)	No. of poles	Network (VAC)	ATyS t M	Bridging bars	Voltage sensing and power supply tap	Terminal shrouds	Auxiliary contact block	Sealable cover
40 A	4P	230/400	9344 4004	4 P 1309 4006	2 pieces 1399 4006	2 pieces 2294 4016 ⁽¹⁾	1 piece	1359 0000
63 A	4P	230/400	9344 4006				Separate common points	
80 A	4P	230/400	9344 4008				1309 0001 ⁽²⁾	
100 A	4P	230/400	9344 4010				Linked common points	
125 A	4P	230/400	9344 4012				1309 0011 ⁽²⁾	
160 A	4P	230/400	9344 4016				1309 4016	

(1) The three-phase version (4 P), for upstream and downstream protection, please order the reference twice. For the single-phase version (2 P) please order the reference once.
(2) 1 NO/NC contact block for positions I, 0 and II.

ATyS g M

Rating (A)	No. of poles	Network (VAC) ⁽³⁾	ATyS g M	Bridging bars	Voltage sensing and power supply tap	Terminal shrouds	Auxiliary contact block	Sealable cover
40 A	2P	230	9353 2004	2 P 1309 2006 4 P 1309 4006	2 pieces 1399 4006	2 pieces 2294 4016 ⁽¹⁾	1 piece	2 P 1359 2000 4 P 1359 0000
	4P	230/400	9354 4004				Separate common points	
63 A	2P	230	9353 2006				1309 0001 ⁽²⁾	
	4P	230/400	9354 4006				Linked common points	
80 A	2P	230	9353 2008				1309 0011 ⁽²⁾	
	4P	230/400	9354 4008					
100 A	2P	230	9353 2010					
	4P	230/400	9354 4010					
125 A	2P	230	9353 2012					
	4P	230/400	9354 4012					
160 A	2P	230	9353 2016	1309 2016				
	4P	230/400	9354 4016	1309 4016				

(1) The three-phase version (4 P), for upstream and downstream protection, please order the reference twice. For the single-phase version (2 P) please order the reference once.
(2) 1 NO/NC contact block for positions I, 0 and II.
(3) For 127/230 VAC networks, please contact your SOCOMEC office.