

ATyS p

Automatic transfer switching equipment

from 125 to 3200 A



Function

atys-p_001.

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 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.

Advantages

Recording of events

ATyS p switches enable effective monitoring of your installation thanks to timestamped event recording.

Events can be retrieved and read via communication.

Optional communication modules

The ATyS p offers communication functions through the addition of optional modules, such as the RS485 Modbus or Ethernet with embedded Webserver.

Configuration software

Software (Easyconfig) is available enabling the ATyS p parameters to be easily configured and the existing configuration to be saved and sent to other units..

Power measurements

ATyS p products are particularly suited to energy management and monitoring. In addition to their integrated power and energy measurement functions (with a 2% accuracy level), programmable inputs/outputs can be utilised to control load shedding based on a load level or tariff.

Possibility to set periodic genset startup

ATyS p switches offer additional functions for maintenance. They include a programmable genset starting function which allows the starting dates and operating times to be configured.

The solution for

 Applications requiring power management and communication.



Strong points

- Optional communication modules
- > Recording of events
- > Configuration software
- > Power measurements
- Possibility to set periodic genset startup

Conformity to standards

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



Webserver

The Webserver function comprises HTML pages embedded in the Ethernet communication module.

These pages can be accessed via an internet browser, simply by entering the IP address.

The webserver offers the following functionalities:

- Display of source status and switch position
- Display of the main measurements
- Extraction of the latest logged events
- Display of the product configuration



from 125 to 3200 A

Front panel



- 1. Slots for optional plug-in modules.
- 2. Backlit LCD display.
- 3. Source availability and position indication LEDs.
- 4. Pushbuttons for programming and mode selection.

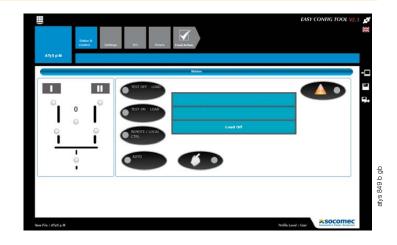
Communication and configuration

Easyconfig

Easyconfig software is the ideal solution to save time and simplify complex configuration.

Allows configuration of the following parameters:

- application type,
- voltage/frequency thresholds,
- timers,
- inputs/outputs...



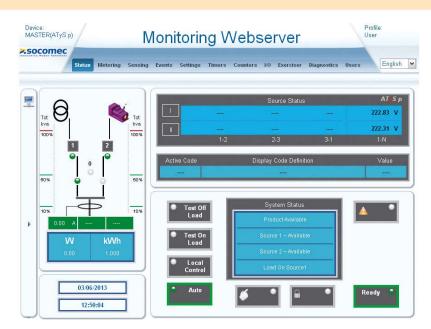
Webserver

Thanks to optional modules, ATyS p can communicate in **Modbus** and **Ethernet** protocols.

The Ethernet communication module includes the **Webserver** function for access to the ATySp via an internet browser.

The Webserver function enables:

- display of source status and switch position,
- display of voltage measurements,
- display of parameters,
- access to the list of logged events.



atys 850 a

from 125 to 3200 A

References

ATyS p

Rating (A) / Frame size	N° of poles	ATyS p + Bridging bars	Auxiliary contacts	Terminal shrouds (2)	Terminal screens	Spreaders	Interphase barriers	Optional modules
125 A / B3	4 P	9573 4012SLVR	1 st /2 nd NO/NC contact 1599 0502G	2694 4014A	Standard 1509 4012A Wide 1509 4013A	4106 4016A	2998 5038A	
160 A / B3	4 P	9573 4016SLVR						
200 A / B3	4 P	9573 4020SLVR						Only for ATyS p RS485 4825 0092G
250 A / B4	4 P	9573 4025SLVR		2694 4021A	Standard 1509 4025A Wide 1509 4026A	4106 4025A	2998 5028A	2ln/2Out 1599 2001G Ethernet 4825 0203G
315 A / B4	4 P	9573 4031SLVR				4106 4040A		Ethernet + RS485 4825 0204G Analogue outputs
400 A / B4	4 P	9573 4040SLVR						4825 0093G Pulse outputs 4825 0090G
500 A / B5	4 P	9573 4050SLVR		0004 4054 8	Standard 1509 4063A	4106 4050A	2998 5018A	
630 A / B5	4 P	9573 4063SLVR		2694 4051A	Wide 1509 4064A	4106 4063A	2990 3010A	

Also available in 3 poles.

Technical information

- For reference including Voltage sensing and power supply kit, add "VR" at the end of the above reference, from 125 to 1600 A. And replace "G" by "VR" for 2000 to 3200 A
- > Accessories:
- > Characteristics:
- > Terminals and connections:
- > Dimensions:



⁽¹⁾ Without bridging bars, to get them see "Copper bar connection pieces"

⁽²⁾ To shroud front switch top and bottom, order quantity 2.

ATyS p

Rating (A) / Frame size	N° of poles	ATyS p + Bridging bars	Auxiliary contacts	Terminal shrouds (2)	Terminal screens	Spreaders	Interphase barriers	Optional modules
800 A / B6	4 P	9573 4080SLVR	1 st /2 nd NO/NC contact 159 9 0532G	-	Standard 1509 4080A Wide 1509 4081A		included	
1000 A / B6	4 P	9573 4100SLVR						Only for ATyS p
1250 A / B6	4 P	9573 4120SLVR						RS485 4825 0092G 2In/2Out 1599 2001G Ethernet 4825 0203G Ethernet + RS485 4825 0204G
1600 A / B7	4 P	9573 4160SLVR			Standard 1509 4160A			
2000 A / B8	4 P	9573 4200VR ⁽¹⁾	1 st and 2 nd NO/NC contact included		Standard 1509 4200G			Analogue outputs 4825 0093G Pulse outputs
2500 A / B8	4 P	9573 4250VR ⁽¹⁾						4825 0090G
3200 A / B8	4 P	9573 4320VR ⁽¹⁾						



⁽¹⁾ Without bridging bars, to get them see "Copper bar connection pieces" (2) To shroud front switch top and bottom, order quantity 2.