



ATyS p

Automatic transfer switching equipment
from 125 to 3200 A

Transfer switches

atyS-p_001_Lb



Function

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.

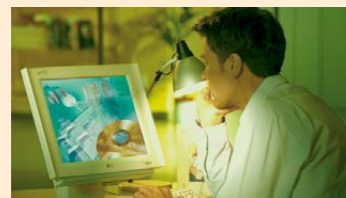
In addition to their integrated power and energy measurement functions (with a 2% accuracy level), programmable inputs/outputs can be utilised to control load shedding based on a load level or tariff.

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

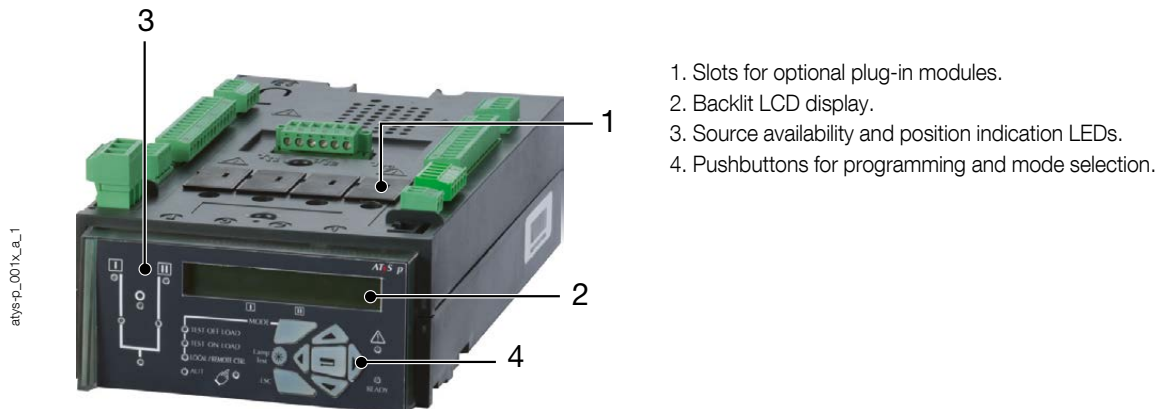
The Webserver function comprises HTML pages embedded in the Ethernet communication module.

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

Front panel



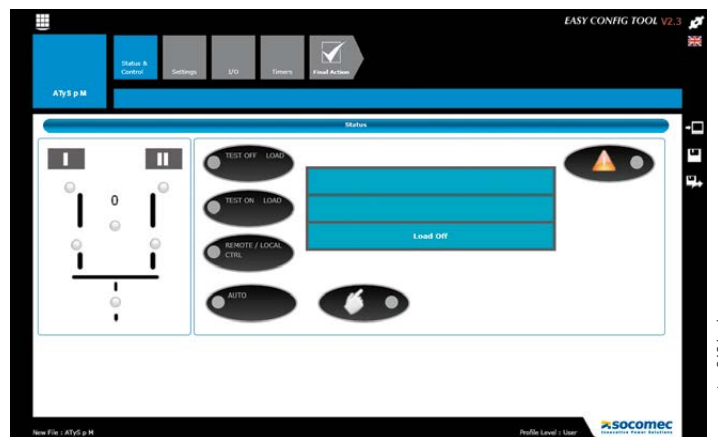
Communication and configuration

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...



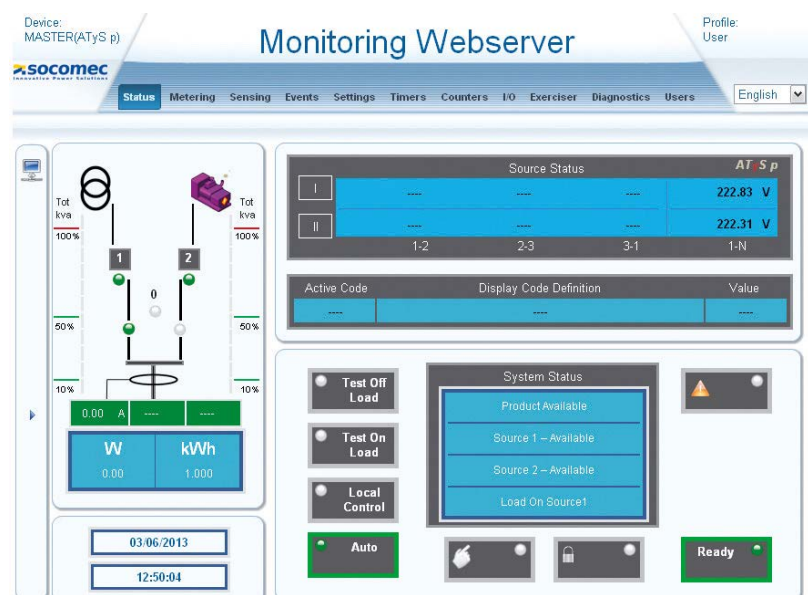
Webserver

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.



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	4106 4016A	2998 5038A	Only for ATyS p RS485 4825 0092G 2In/2Out 1599 2001G Ethernet 4825 0203G Ethernet + RS485 4825 0204G Analogue outputs 4825 0093G Pulse outputs 4825 0090G
160 A / B3	4 P	9573 4016SLVR			Wide 1509 4013A			
200 A / B3	4 P	9573 4020SLVR						
250 A / B4	4 P	9573 4025SLVR		2694 4021A	Standard 1509 4025A Wide 1509 4026A	4106 4025A	2998 5028A	
315 A / B4	4 P	9573 4031SLVR				4106 4040A		
400 A / B4	4 P	9573 4040SLVR						
500 A / B5	4 P	9573 4050SLVR		2694 4051A	Standard 1509 4063A Wide 1509 4064A	4106 4050A	2998 5018A	
630 A / B5	4 P	9573 4063SLVR				4106 4063A		

Also available in 3 poles.

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

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

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:

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 1599 0532G	-	Standard 1509 4080A		included	Only for ATyS p RS485 4825 0092G 2In/2Out 1599 2001G Ethernet 4825 0203G Ethernet + RS485 4825 0204G Analogue outputs 4825 0093G Pulse outputs 4825 0090G
1000 A / B6	4 P	9573 4100SLVR			Wide 1509 4081A			
1250 A / B6	4 P	9573 4120SLVR						
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			
2500 A / B8	4 P	9573 4250VR⁽¹⁾						
3200 A / B8	4 P	9573 4320VR⁽¹⁾						

Also available in 3 poles.

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

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