

References

ATyS p

Rating (A) / Frame size	No. of poles	ATyS p	Bridging bars	Voltage sensing and power supply tap	Terminal shrouds	Terminal screens	Optional modules	Auxiliary contact	
125 A / B3	3 P	9573 3012	3 P 4109 3019 4 P 4109 4019	3 P 1559 3012 4 P 1559 4012	3 P 2694 3014 ⁽²⁾ 4 P 2694 4014 ⁽²⁾	3 P 1509 3012 4 P 1509 4012	RS485 MODBUS communication 4825 0092 2 inputs / 2 outputs 1599 2001 Ethernet communication 4825 0203 Ethernet communication + RS485 MODBUS gateway 4825 0204 Analogue outputs 4825 0093 Pulse outputs 4825 0090	1599 0502	
	4 P	9573 4012							
160 A / B3	3 P	9573 3016							
	4 P	9573 4016							
200 A / B3	3 P	9573 3020							
	4 P	9573 4020							
250 A / B4	3 P	9573 3025	4109 3025	3 P 1559 3025 4 P 1559 4025	3 P 2694 3021 ⁽²⁾ 4 P 2694 4021 ⁽²⁾	3 P 1509 3025 4 P 1509 4025			
	4 P	9573 4025	4109 4025						
315 A / B4	3 P	9573 3031	3 P 4109 3039 4 P 4109 4039					3 P 1559 3040 4 P 1559 4040	3 P 2694 3021 ⁽²⁾ 4 P 2694 4021 ⁽²⁾
	4 P	9573 4031							
400 A / B4	3 P	9573 3040		4109 3050	3 P 1559 3063 4 P 1559 4063	3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾			
	4 P	9573 4040						4109 4063	
500 A / B5	3 P	9573 3050	4109 3050	3 P 1559 3063 4 P 1559 4063	3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾	3 P 1509 3063 4 P 1509 4063			
	4 P	9573 4050	4109 4050						
630 A / B5	3 P	9573 3063	4109 3063	3 P 1559 3063 4 P 1559 4063	3 P 2694 3051 ⁽²⁾ 4 P 2694 4051 ⁽²⁾	3 P 1509 3063 4 P 1509 4063			
	4 P	9573 4063	4109 4063						
800 A / B6	3 P	9573 3080	3 P 4109 3080 4 P 4109 4080	3 P 1559 3080 4 P 1559 4080		3 P 1509 3080 4 P 1509 4080	1599 0532		
	4 P	9573 4080							
1000 A / B6	3 P	9573 3100		3 P 1559 3120 4 P 1559 4120		1509 3160			
	4 P	9573 4100							
1250 A / B6	3 P	9573 3120	4109 3120	3 P 1559 3120 4 P 1559 4120		1509 3160			
	4 P	9573 4120	4109 4120						
1600 A / B7	3 P	9573 3160	4109 3160	3 P 1559 3160 4 P 1559 4160		1509 4160			
	4 P	9573 4160	4109 4160						
2000 A / B8	3 P	9573 3200	(1)	3 P 1559 3200 4 P 1559 4200		3 P 1509 3200 4 P 1509 4200		included	
	4 P	9573 4200							
2500 A / B8	3 P	9573 3250							
	4 P	9573 4250							
3200 A / B8	3 P	9573 3320							
	4 P	9573 4320							

(1) See "Copper bar connection pieces" page 453.

(2) To fully shroud front, rear, top and bottom 4 references required.
To shroud front switch top and bottom 2 references required.

ATyS range

ATyS *r*, ATyS *d*, ATyS *t*, ATyS *g*, ATyS *p*

from 125 to 3200 A

Accessories (continued)

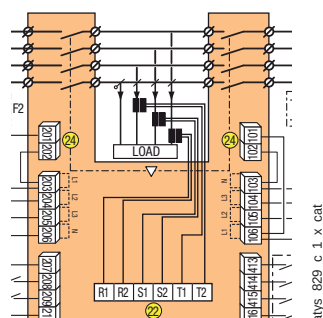
Current transformer

Use - for ATyS p only

Used with ATyS p units, these current transformers enable information to be obtained on the load current.

References

See page 584.



trafo_025_a_2_cat



trafo_077_b_1_cat

Plug-in optional modules

Use - for ATyS p only

Number of modules per device

A maximum of four modules can be fitted to each ATyS p, unless you are using either Ethernet communication module. In this case, you can connect up to 2 modules as well as the Ethernet communication module.



atys_016_c_1_cat



diris_447_a_1_cat

RS485 JBUS / MODBUS® communication

- RS485 link with JBUS / MODBUS® protocol (speed up to 38400 bauds).



diris_449_a_1_cat

2 inputs - 2 outputs

- 2 inputs and 2 outputs (programmable) on each module.



diris_777_a_1_cat

Ethernet communication

- Ethernet link with MODBUS/TCP or JBUS/MODBUS RTU over TCP.
- Embedded Ethernet Webserver software.



diris_776_a_1_cat

Ethernet communication with RS485 JBUS/MODBUS gateway

- Ethernet link with MODBUS/TCP or JBUS/MODBUS RTU over TCP.
- Connect 1 to 247 RS485 JBUS/MODBUS slaves.
- Embedded Ethernet Webserver software.



diris_448_a_1_cat

Analogue outputs

- Allocate outputs to: 3I, In, 3V, 3U, F, $\pm \Sigma P$, $\pm \Sigma Q$, ΣS .



diris_445_a_1_cat

Pulse outputs

- 2 configurable pulse outputs (type, weight and duration) on $\pm kWh$, $\pm kvarh$ and $kVAh$.

Description of accessories	Reference
RS485 MODBUS communication	4825 0092
2 inputs - 2 outputs	1599 2001
Ethernet communication (embedded Ethernet Webserver software)	4825 0203
Ethernet communication + RS485 JBUS/MODBUS gateway (embedded Ethernet Webserver software)	4825 0204
Analogue outputs	4825 0093
Pulse outputs	4825 0090

References

Basic device	DIRIS A40		DIRIS A41 with CT on the neutral
Auxiliary power supply U_s	Reference		Reference
110 ... 400 VAC / 120 ... 350 VDC	4825 0201		4825 0202
12 ... 48 VDC	4825 1201		4825 1202
Options			
Plug-in modules⁽¹⁾	Reference		Reference
Pulse outputs	4825 0090		4825 0090
RS485 MODBUS [®] communication	4825 0092		4825 0092
Analogue outputs	4825 0093		4825 0093
2 inputs / 2 outputs	4825 0094		4825 0094
Communication Sub D9 PROFIBUS [®] DP ⁽²⁾	4825 0205		4825 0205
Memory	4825 0097		4825 0097
Embedded Webserver function ⁽²⁾	4825 0203		4825 0203
Ethernet communication + RS485 MODBUS gateway (Embedded Webserver function) ⁽²⁾	4825 0204		4825 0204
Temperature inputs	4825 0206		4825 0206

(1) Ease of integration for additional functions (maximum 4 slots on A40 and 3 on A41).

(2) Dimension of the plug-in module: 2 slots.

Accessories				
Description of accessories	To be ordered in multiples of	Reference	To be ordered in multiples of	Reference
IP65 protection	1	4825 0089	1	4825 0089
Panel mounting kit for a 144 x 96 mm cut-out	1	4825 0088	1	4825 0088
Fuse disconnect switches for the protection of voltage inputs (type RM) 3 poles	4	5601 0018	4	5601 0018
Fuse disconnect switches for the protection of the auxiliary supply (type RM) 1 pole + neutral	6	5601 0017	6	5601 0017
Fuse type gG 10 x 38 0.5 A	10	6012 0000	10	6012 0000
Current transformer range	1	see page 584	1	see page 584
Ferrite to be associated with communication modules	1	4899 0011		4899 0011
Temperature sensor PT100 - M6 screw type	1	4825 0208	1	4825 0208
Temperature sensor PT100 - M6 eyelet type	1	4825 0209	1	4825 0209
Management software for DIRIS				see page 618

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References

Basic device	DIRIS A60
Auxiliary power supply U_s	Reference
110 ... 400 VAC / 120 ... 350 VDC	4825 0207
Options	
Plug-in-modules⁽¹⁾	Reference
Pulse outputs	4825 0090
RS485 MODBUS® communication	4825 0092
Analogue outputs	4825 0093
2 inputs / 2 outputs	4825 0094
Ethernet communication (embedded Ethernet Webserver) ⁽²⁾	4825 0203
Ethernet communication + RS485 MODBUS gateway (embedded Ethernet Webserver) ⁽²⁾	4825 0204
Temperature inputs	4825 0206

(1) Easy integration of additional functions (maximum 3 slots per device).

(2) Dimension of the plug-in module: 2 slots.

Options		
Description of accessories	To be ordered in multiples of	Reference
IP65 protection	1	4825 0089
Panel mounting kit for a 144 x 96 mm cut-out	1	4825 0088
Fuse disconnect switches for the protection of voltage inputs (type RM) 3 poles	4	5601 0018
Fuse disconnect switches for the protection of the auxiliary supply (type RM) 1 pole + neutral	6	5601 0017
Fuse type gG 10 x 38 0.5 A	10	6012 0000
Ferrite to be associated with communication modules	1	4899 0011
Current transformer range	1	see page 584
Temperature sensor PT100 - M6 screw type	1	4825 0208
Temperature sensor PT100 - M6 eyelet type	1	4825 0209
Management softwares for DIRIS		see page 618

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