

ZB-S System Components and Options

External DLS/3Ph-Bus-Module

The DLS/3PH bus module can be used as a phase monitor and for light switch polling for the common switching of safety and general lighting systems. The housing is suitable for DIN rail mounting.

The module has a service button, an RS 485 bus port (integral 120 Ohm bus load resistor) with 24 V module supply, and is addressed with encoding switches. Coloured LEDs indicate fault, ON status and operation.



Technical data

Device supply	24 V DC (min. 19 V, max. 30 V)
Power consumption (all 8 channels connected)	20 mA ± 5 mA
Degree of protection	IP 20
Insulation class	I
Ambient temperature	-10 ° to + 40 °C
Input channels 8 (optionally isolated)	UN = 230 V
DLS (channel 1-8)	> 195 V -> ON < 138 V -> OFF
3PH (channel 6-8)	> 195 V -> ON < 138 V -> OFF
Light switch inputs	8 off with LED display, or 5 off with 3-phase monitor (selector)
Monitoring threshold	60 - 85 % U _{nom} (meets DIN EN 60598-2-22)
Data bus	RS 485
Address range	1-25
Weight	0.2 kg
Dimensions (l x w x h) mm	105 x 85 x 60
Mounting	DIN rail
Supply terminals/plug-on terminals	2.5 mm ² rigid and flexible

Ordering details

Type	Scope of supply	Order No.
DLS/3Ph-Bus-Module	Module for DIN rail mounting	4 0071 346 955
DLS/3Ph-Bus-Module inverse	Module for DIN rail mounting with inverse switching logic	4 0071 347 455
DIN rails	4 off DIN rails for mounting external modules in the switch cabinet incl. fixing accessories	4 0071 347 125

