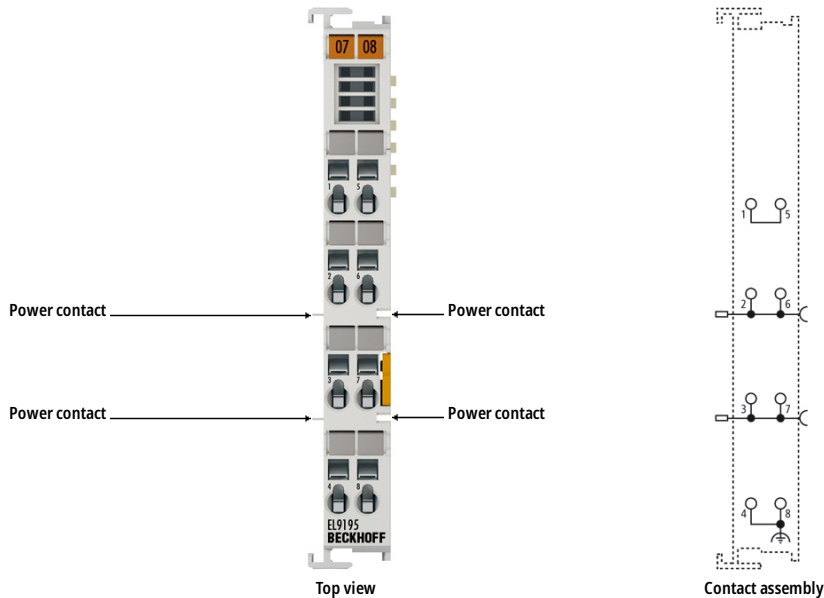


EL9195 | Shield terminal



i Product status: Regular delivery

The EL9195 shield terminal enables the connection of the shield from the front via two terminal contacts, which are connected directly to the DIN rail, in order to be able to optimally dissipate electromagnetic irradiation.

The multiple tapping of the supply voltage via the front-side terminal contacts is additionally ensured by the EL9195 EtherCAT terminal. 24 V and 0 V can each be tapped twice from the front. The power contacts are connected to the front-side terminal contacts and are passed through to the adjacent terminal. With the EL9195, the use of additional terminal blocks on the terminal strip can be reduced.

Product information

Technical data

Technical data	EL9195, ES9195
Technology	shield terminal
Current load	≤ 10 A
Nominal voltage	arbitrary up to 230 V AC/DC
Electrical isolation	500 V (E-bus/field potential)
Shield connection	2 x
Connection facility to additional power contact	2
Bit width in the process image	0

Electrical connection to DIN rail	yes
Housing width	12 mm
Side by side mounting on EtherCAT Terminals with power contact	only 2 power contacts
Special features	dissipation of EMC interference
Weight	approx. 50 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Pluggable wiring	for all ESxxxx terminals
Approvals/markings	CE, UL, ATEX
Ex marking	II 3 G Ex nA IIC T4 Gc

Housing data	EL-12-8pin	ES-12-8pin
Design form	compact terminal housing with signal LEDs	terminal housing with pluggable wiring level
Material	polycarbonate	
Dimensions (W x H x D)	12 mm x 100 mm x 68 mm	
Installation	on 35 mm DIN rail, conforming to EN 60715 with lock	
Side by side mounting by means of	double slot and key connection	
Marking	labeling of the BZxxx series	
Wiring	solid conductor (e), flexible conductor (f) and ferrule (a): spring actuation by screwdriver	
Connection cross-section	s*: 0.08...2.5 mm ² , st*: 0.08...2.5 mm ² , f*: 0.14...1.5 mm ²	s*: 0.08...1.5 mm ² , st*: 0.08...1.5 mm ² , f*: 0.14...1.5 mm ²
Connection cross-section AWG	s*: AWG 28...14, st*: AWG 28...14, f*: AWG 26...16	s*: AWG 28...16, st*: AWG 28...16, f*: AWG 26...16
Stripping length	8...9 mm	9...10 mm
Current load power contacts	I _{max} : 10 A	

*s: solid wire; st: stranded wire; f: with ferrule

Ordering information

Ordering information	
EL9195	
ES9195	Shield terminal, pluggable wiring