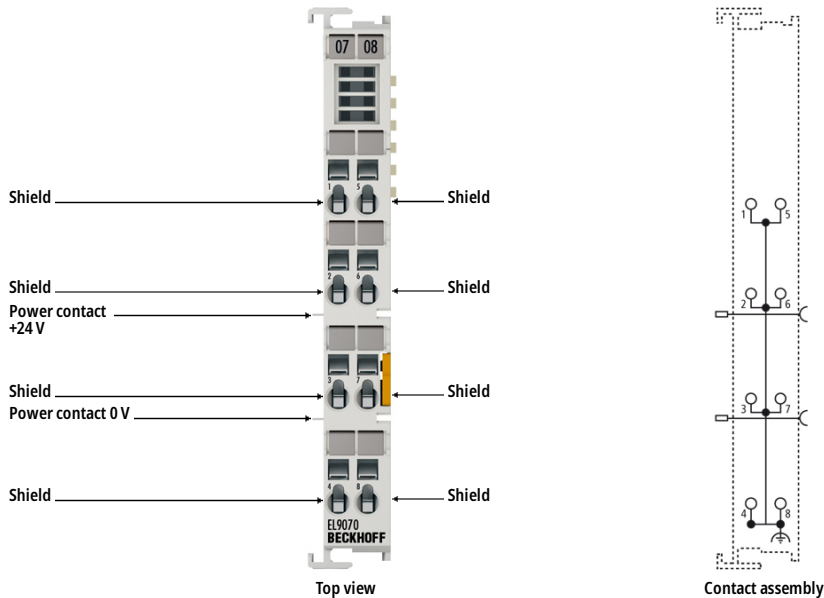


# EL9070 | Shield terminal



**i Product status:** Regular delivery

The EL9070 shield terminal provides eight terminal points with the potential of the mounting rail and enables the screening to be picked up without further modular terminal blocks or wiring. With its internal seamless copper surface, the EL9070 offers good screening between two EtherCAT Terminals.

## Product information

### Technical data

Technical data	EL9070, ES9070
Technology	shield terminal
Current load	≤ 10 A
Nominal voltage	arbitrary up to 230 V AC
Electrical isolation	500 V (E-bus/field potential)
Shield connection	8 x
Connection facility to additional power contact	no
E-bus looped through	yes
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	yes, left without PE
Side by side mounting on EtherCAT Terminals without power contact	–
Special features	dissipation of EMC interference via large copper surfaces on the DIN rail
Weight	approx. 50 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Approvals/markings	CE, UL

<b>Housing data</b>	<b>EL-12-8pin</b>
Design form	compact terminal housing with signal LEDs
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 <sup>2</sup> , st*: 0.08...2.5 mm <sup>2</sup> , f*: 0.14...1.5 mm <sup>2</sup>
Connection cross-section AWG	s*: AWG 28...14, st*: AWG 28...14, f*: AWG 26...16
Stripping length	8...9 mm
Current load power contacts	I <sub>max</sub> : 10 A

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