



## i EL9227 | Overcurrent protection terminal, 24 V DC, 2-channel, max. $\Sigma$ 10 A, adjustable, extended functionalities

The EL9227-xxxx electronic overcurrent protection terminal is a 24 V DC EtherCAT Terminal with an electronic protection function. The EL9227-xxxx is a two channel device and switches 24 V DC overcurrents off reliably. The rated current can be adjusted in 1 A steps up to a maximum of 10 A both via TwinCAT and via a mechanical button on the overcurrent protection terminal. In addition, there are further versions of the terminal with a fixed rated current. The protected output 1 can be fed out via a terminal contact or directly forwarded via the power contact of neighbouring terminals without wiring. The EL9227-xxxx is ideally suited for plant monitoring, since numerous process data are available and status data can be both displayed and stored. In addition, there are some extended optional settings, such as e.g. characteristic curve selection, undervoltage/preliminary warning level, last state, etc.

Technical data	EL9227
Technology	overcurrent protection terminal 24 V DC, 2-channel
Nominal voltage	24 V DC
Number of outputs	2
Number of inputs	2
Input current	max. 10 A
Rated current	adjustable from 1...10 A in 1 A steps, $\Sigma$ 10 A
Hold after output switch-off	$\geq$ 10 s (temperature-dependent)
Advance warning output load	adjustable; 50...100 %
Integrated fail-safe element	15 A (F)   15 A (F)
Over voltage power-off	$\geq$ 32 V DC
Advance warning low-voltage	adjustable; 17...24 V DC
Reverse polarity switch-off	yes
Backward switch-off	adjustable; 3-stage
Current consumption E-bus	typ. 90 mA
Electrical isolation	500 V (E-bus/signal voltage)
Weight	approx. 55 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Approvals	CE

Ordering information	
EL9227-4433	overcurrent protection terminal 24 V DC, 2-channel, 3 A/3 A, extended functionalities
EL9227-5500	overcurrent protection terminal 24 V DC, 2-channel, max. $\Sigma$ 10 A, adjustable, extended functionalities
EL9227-6600	overcurrent protection terminal 24 V DC, 2-channel, max. 4 A, adjustable, extended functionalities
EL9227-6644	overcurrent protection terminal 24 V DC, 2-channel, 4 A/4 A, extended functionalities
EL9227-9482	overcurrent protection terminal 24 V DC, 2-channel, 8 A/2 A, extended functionalities
EL9227-9664	overcurrent protection terminal 24 V DC, 2-channel, 6 A/4 A, extended functionalities

