



EL9550-0012 | System terminal, surge filter system and field supply with up to 10 A

The EL9550-0012 system terminal contains an overvoltage filter for the 24 V field and system supply. The current load is 10 A both for field supply and system supply. The increased system supply is convenient for supplying Embedded PCs with higher current consumption. The filter protects the EtherCAT Terminal from line-bound surge voltages that can occur due to high-energy, dynamic disturbances such as switching overvoltages at inductive consumers or indirect lightning strikes at the supply lines. The EL9550-0012 protects the terminal station from damage in particularly harsh environments.

Technical data	EL9550-0012
Technology	surge filter system and field supply
Nominal voltage	24 V (-15 %/+20 %)
Surge filter field supply	yes
Surge filter system supply	yes
Rated current field supply	≤ 10 A
Rated current system supply	≤ 10 A
PE connection	–
Electrical isolation	500 V (E-bus/field potential)
Diagnostics	–
Weight	approx. 50 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Approvals/markings	CE