



Top view

ELX2002 | 2-channel digital output terminal 24 V DC, 45 mA, Ex i



The ELX2002 digital output terminal enables the direct connection of intrinsically safe actuators located in hazardous areas classified Zone 0/20 or 1/21. The ELX2002 supplies an output voltage of 24 V DC and a maximum output current of 45 mA per channel, total current is 80 mA. The signal state of the EtherCAT Terminal is indicated by a light emitting diode.

Technical data	ELX2002
Technology	intrinsically safe actuators
Connection technology	2-wire
Number of outputs	2
Rated load voltage	24 V DC, $R_i = 254 \Omega$
Load type	ohmic, inductive, capacitive
Max. output current	45 mA per channel, $\Sigma 80$ mA
Current consumption power contacts	typ. 10 mA + load
Current consumption E-bus	typ. 45 mA
Weight	approx. 55 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
Relative humidity	95 %, no condensation
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/see documentation
Approvals	CE, Ex, IECEx

further Ex components	
ELXxxxx	EtherCAT Terminals with intrinsic safe in- and output
ELXxxxx-0090	EtherCAT Terminals with intrinsic safe in- and output and TwinSAFE SC
CPXxxxx	Multi-touch Panel PCs and multi-touch Control Panels for use in hazardous areas, Zone 2/22