



i EL2712 | 2-channel triac output terminal

The EL2712 output terminal uses a power switch to control mains voltage from 12 V to 230 V AC. The switching element is a triac, which is connected to the power contact potential. As a semiconductor switch, it is not subject to wear. The steady load capacity of a digital output is 1 A. The EtherCAT Terminal has two independent outputs and indicates its signal state by means of light emitting diodes.

Technical data	EL2712 ES2712
Connection technology	triac output, 2-wire
Number of outputs	2 x make contacts
Rated load voltage	12...230 V AC
Load type	ohmic, inductive
Distributed clocks	–
Max. output current	0.5 A per channel
Switching times	in zero crossing, 0.1...10 ms
Frequency range	47...63 Hz
Surge voltage protection	> 275 V
Peak current	40 A (16 ms), 1.5 A (30 s)
Standby current	0.6 mA
Leakage current (OFF state)	typ. 0.8 mA, max. 1.5 mA
Switch-on time	0.1...10 ms, zero crossing
Switch-off time	T/2
Max. residual voltage	1.5 V (60 mA...1 A), 150 Ω (< 60 mA)
Current consumption E-bus	typ. 120 mA
Electrical isolation	500 V (E-bus/field voltage), 3750 V AC (1 min.)
Current consumption power contacts	–
Bit width in the process image	2 outputs
Configuration	no address or configuration setting
Special features	suitable for conventional blind motors
Weight	approx. 55 g
Operating/storage temperature	0...+55 °C/-25...+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/variable
Pluggable wiring	for all ESxxxx terminals



Product announcement

estimated market release on request