



## EL2602 | 2-channel relay output terminal 230 V AC, 5 A, make contacts

The EL2602 output terminal has two relays each of which has a single contact. The relay contact is connected to the power contacts, which are suitable for use at up to 230 V AC, and can be generally used for switching devices requiring mains power. The EtherCAT Terminal indicates its signal state by means of light emitting diodes.

Technical data	EL2602   ES2602
Connection technology	relay output
Number of outputs	2 x make contacts for power contact
Nominal voltage	230 V AC/30 V DC
Load type	ohmic, inductive, lamp load
Distributed clocks	–
Ohmic switching current	5 A AC/DC per channel
Inductive switching current	2 A AC/DC per channel
Minimum permitted load	10 mA at 5 V DC
Lamp test, electronic ballast	4 x 58 W
Current consumption E-bus	typ. 170 mA
Electrical isolation	500 V (E-bus/field potential)
Current consumption power contacts	load-dependent
Bit width in the process image	2 outputs
Operating cycles mech. (min.)	2 x 10 <sup>7</sup>
Operating cycles electr. (min.)	1 x 10 <sup>5</sup> (5 A/30 V DC)
Configuration	no address or configuration setting
Special features	1-wire connection possible
Weight	approx. 50 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
Approvals	CE, UL