



EP2624-0002 | 4-channel relay output 25 V AC/30 V DC

The EP2624 EtherCAT Box has four relays each of which has a single contact. The relay contact is suitable for use at up to 25 V AC or 30 V DC. The EtherCAT Box indicates its signal state by means of light emitting diodes. The EP2624 has potential-free contacts. The power supply is looped through.

Technical data	EP2624-0002
Number of outputs	4 x make contacts
Rated load voltage	25 V AC/30 V DC
Output connections	M12, screw type
Ohmic switching current	0.5 A AC/2 A DC
Minimum permitted load	10 µA at 10 mV DC
Protocol	EtherCAT
Bus interface	2 x M8 socket, shielded, screw type
Load type	ohmic, inductive, lamp load
Nominal output voltage	24 V DC (-15 %/+20 %)
Distributed clocks	–
Current consumption from Us (without sensor current)	120 mA
Power supply connection	feed: 1 x M8 male socket, 4-pin; downstream connection: 1 x M8 female socket, 4-pin
Bit width in the process image	4 outputs
Operating cycles mech. (min.)	1 x 10 ⁸
Operating cycles electr. (min.)	2 x 10 ⁵ (1 A/30 V DC)
Electrical isolation	500 V
Special features	potential-free switching
Weight	approx. 165 g
Operating/storage temperature	-25...+60 °C/-40...+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 65/66/67 (conforms to EN 60529)/variable
Approvals	CE, UL, Ex

Accessories	
ZK1090-3xxx-xxxx	Cables for EtherCAT signal in- and -output
ZK2000-6xxx-xxxx	Cables for M12 I/O connection sockets
ZK2020-xxxx-xxxx	Cables for M8 power supply