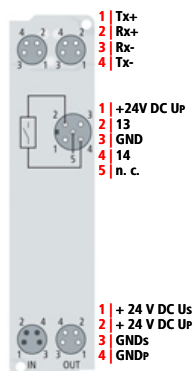


ER2624-0002

I/O
connectionConnector
assignment

ER2624-0002 | 4-channel relay output 25 V AC/30 V DC

The ER2624 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 ER2624 has potential-free contacts. The power supply is looped through.

The EtherCAT Box modules with zinc die-cast housing are ready for use in harsh industrial and process environments. With the fully sealed design and metal surfaces the ER series is ideal for applications requiring enhanced load capacity and protection against weld spatter, for example.

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
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 in preparation

Related products	
EP2624	EtherCAT Box (industrial housing), 4-channel relay output 25 V AC/30 V DC