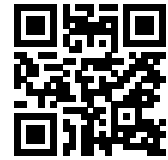


EJ2008 | EtherCAT plug-in module, 8-channel digital output, 24 V DC, 0.5 A



i Product status: Regular delivery

The EJ2008 digital output connects binary control signals from the automation device to the actuators at the process level with electrical isolation. The EtherCAT plug-in module has 8 channels, whose signal states are indicated by LEDs.

Special features:

- Suitable for different load types (ohmic, inductive, lamp load)
- Max. output current 0.5 A per channel
- Short-circuit-proof outputs and reverse polarity protection

Product information

Technical Data

Technical data	EJ2008
Technology	$I_{max} = 0.5 \text{ A}$
Number of outputs	8
Rated load voltage	24 V DC (-15 %/+20 %)
Load type	ohmic, inductive, lamp load
Distributed clocks	–
Max. output current	0.5 A (short-circuit proof) per channel
Short-circuit current	typ. < 2 A

Reverse voltage protection	yes
Breaking energy	< 150 mJ/channel
Switching times	typ. TON: 60 µs, typ. TOFF: 300 µs
Auxiliary power current	no data
Current consumption E-bus	typ. 90 mA
Electrical isolation	500 V (E-bus/field potential)
Weight	approx. 30 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
Relative humidity	95 %, no condensation
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
Protect. class/installation pos.	IP 20/see documentation
Approvals/markings	CE, UL

Housing data	EJ-12-16pin
Design form	EtherCAT I/O plug-in module
Material	polycarbonate
Installation	on signal distribution board
Mechanical coding	EJ plug-in module: signal-specific coding pins on the housing, signal distribution board: holes in the printed circuit board
Locking	latching lug in circuit board cut-out
Connection method	field wiring: application-specific wiring level on the signal distribution board, EJ plug-in module: 2 x 20-pin socket strip
Dimensions (W x H x D)	12 mm x 66 mm x 55 mm