



EJ2809 | 16-channel digital output 24 V DC, 0.5 A

The EJ2809 digital output connects the binary control signals from the automation device on to the actuators at the process level with electrical isolation. The EJ2809 is protected against polarity reversal and processes load currents with outputs protected against overload and short-circuit. The EJ2809 contains 16 channels, whose signal states are displayed by LEDs.

Technical data	EJ2809
Number of outputs	16
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. T _{ON} : 60 µs, typ. T _{OFF} : 300 µs
Current consumption E-bus	typ. 110 mA
Electrical isolation	500 V (E-bus/field potential)
Auxiliary power current	typ. 30 mA + load
Bit width in the process image	16 outputs
Dimensions (W x H x D)	approx. 12 mm x 66 mm x 55 mm
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protection class	IP 20
Approvals	CE, UL