



EJ2521-0224 | 1-channel pulse train output 24 V DC

The EJ2521-0224 single-channel pulse-train output module outputs a digital frequency signal via two 24 V tracks (A/B). The signal can be used to control motor drivers or other signal receivers, which are controlled by single cycles. The pulse sequence and the pulse frequency or number of pulses are specified directly via the process data. The module has a 24 V latch input for connecting a limit switch for example and two 24 V switch outputs (capture/compare), which can be switched depending on the counter value in the module. The LEDs show the active outputs and the input.

Technical data	EJ2521-0224
Connection technology	pulse train (frequency output)
Number of outputs	1 channel (2 outputs A, B)
Capture/compare input/output	1/2
Input specification	24 V DC
Output specification	5...24 V DC, external supply
Load type	ohmic, opto-coupler, differential inputs
Distributed clocks	yes
Max. output current	1 A
Base frequency	0...500 kHz, 50 kHz default
Duty factor	0...100 %
Resolution	max. 15 bit (16 bit + sign)
Reverse voltage protection	yes
Power supply	via the E-bus
Current consumption E-bus	typ. 135 mA
Electrical isolation	500 V (E-bus/field potential)
Special features	different modes, ramp function, travel distance control
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