



## **i** EJ1128 | 8-channel digital input 5 V DC/3.3 V DC

The EJ1128 EtherCAT plug-in module acquires the binary 5 V DC/3.3 V DC control signals and transmits them, in an electrically isolated form, to the higher-level automation unit. The inputs feature HCT CMOS technology, i.e. the resulting switching thresholds allow the use of sensors with HC CMOS outputs as well as TTL outputs.

The power for the module (5 V DC) can be supplied via the EJ9505 power supply module.

Technical data	EJ1128
Number of inputs	8
Nominal voltage	5 V DC/3.3 V DC
"0" signal voltage	< 0.8 V
"1" signal voltage	> 2.4 V
Input current	typ. 50 µA
Input filter	typ. 0.05 µs
Distributed clocks	–
Current consumption E-bus	typ. 80 mA
Electrical isolation	500 V (E-bus/field potential)
Bit width in the process image	8 inputs
Special features	fast CMOS input
Dimensions (W x H x D)	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



### Product announcement

estimated market release on request