Input/output module
CDPX-EA-V1

Part number: 575300



General operating condition

Data sheet

Feature	Value
Installation depth	34 mm
Height	89 mm
Length	125 mm
Certification	C-Tick c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK RoHS instructions
LABS (PWIS) conformity	VDMA24364 zone III
Storage temperature	-20 °C ... 70 °C
Relative air humidity	5 - 85 % Non-condensing
Degree of protection	IP20
Ambient temperature	0 °C ... 50 °C
Product weight	230 g
Note on materials	RoHS-compliant
Digital inputs, number	20
Digital inputs, fast clock pulse inputs	2
Digital inputs, incremental encoder connection	2
Digital inputs, input signal delay	0.1 ms 3 ms 10 ms 20 ms
Digital inputs, input voltage/current	24 V DC
Digital inputs, nominal value for TRUE	12 - 30 V DC
Digital inputs, nominal value for FALSE	0 V
Digital inputs, electrical isolation	yes
Number of analog inputs	4
Analog inputs, resolution	12 bit
Analog inputs, signal range	0 - 10 V 0 - 20 mA 8 single-ended/4 difference PT 100 ± 10 V
Analog inputs, absolute precision at 25°C	0.1 %
Analog inputs, linearity error at 25°C	0.1% FS
Analog inputs, input resistance	47 Ohm
Digital outputs, number	12

Feature	Value
Digital outputs, output voltage	12 - 30 V DC
Digital outputs, output current	0.5 A
Digital outputs, potential separation	yes
Digital outputs, short circuit current rating	yes
Digital outputs, overload protection	yes
Number of analog outputs	4
Analog outputs, resolution	12 bit
Analog outputs, max. load resistance	470 Ohm
Analog outputs, signal range	± 10 V
Analog outputs, linearity error at 25°C	± 0.2%