Input/output module
CDPX-EA-V1
Part number: 575300

Data sheet

Feature	Value
Installation depth	34 mm
Height	89 mm
Length	125 mm
Type code	CDPX
Certification	C-Tick c UL us - Listed (OL)
CE marking (see declaration of conformity)	As per EU EMC directive
Storage temperature	-20 ºC ... 70 ºC
Relative air humidity	5 - 85 % Non-condensing
Degree of protection	IP20
Ambient temperature	0 ºC ... 50 ºC
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 25ºC	0.1 %
Analog inputs, linearity error at 25ºC	0.1% FS
Analog inputs, input resistance	47 Ohm
Digital outputs, number	12
Digital outputs, output voltage	12 - 30 V DC
Digital outputs, output current	0.5 A

Feature	Value
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%