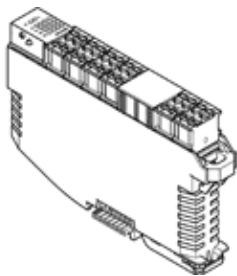# digital output module
CPX-E-8DO
Part number: 4080491

Data sheet

Feature	Value
Dimensions W x L x H	18,9 mm x 76,6 mm x 124,3 mm
Grid dimension	18.9 mm
No. of outputs	8
Diagnostics via LED	Error per channel
	Error per module
	Status per channel
Diagnostics via bus	Module error
	Short circuit/overload at output
	Undervoltage in load supply
Module parameters	Diagnostics for undervoltage in load supply
	Behaviour after short circuit/overload
	Short circuit diagnostics at output
Channel parameters	Force channel x
Protection (short circuit)	Internal electronic fuse protection per channel
Intrinsic current consumption at nominal operating voltage load	Typically 34 mA
Max. residual current outputs per module	4 A
Nominal operating voltage, DC outputs	24 V
Electrical isolation channel – internal bus	Yes
Electrical isolation channel – channel	No
Permissible voltage fluctuation, outputs	± 25 %
Power supply, type of connection	Terminal strip
Power supply, connection technology	Cage clamp terminal
Power supply, number of pins/wires	4
Power supply, conductor diameter	0.2 ... 1.5 mm2
Power supply, note on conductor diameter	0.2 - 2.5 mm² for flexible conductors without wire end sleeves
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC
Vibration resistance	Transport application test at severity level 1 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
Storage temperature	-20 ... 70 °C
Relative air humidity	95 %
	non-condensing
Protection against direct and indirect contact	Protective extra-low voltage with safe disconnection (PELV)
Protection class	IP20
Ambient temperature	-5 ... 50 °C
Note on ambient temperature	-5 - 60°C for vertical installation
Product weight	93 g
Maximum address volume for outputs	1 Byte
Characteristic curve, outputs	to IEC 61131-2, type 0.5
Switching logic, outputs	PNP (positive-switching)
Electrical connection, output, function	Digitalausgang
Electrical connection, output, connection type	4x terminal strips
Electrical connection, output, connection technology	Cage clamp terminal

Feature	Value
Electrical connection, output, number of pins/wires	4
Electrical connection for output, conductor cross section	0.2 … 1.5 mm2
Electrical connection for output, note on conductor cross section	0.2 - 2.5 mm² for flexible conductors without wire end sleeves
Mounting type	with top-hat rail
Materials note	Contains PWIS substances Conforms to RoHS
Material housing	PA