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
Width dimension	18.9 mm
Type code	CPX-E
No. of outputs	8
Diagnostics via LED	Faults per channel Faults per module Status per channel
Diagnostics via bus	Module error Output short circuit/overload Load supply undervoltage
Module parameters	Load supply undervoltage diagnostics Response to short circuit/overload Output short circuit diagnostics
Channel parameters	Forcing channel x
Fuse protection (short circuit)	Internal electronic fuse per channel
Intrinsic current consumption at nominal operating voltage load	Typically 34 mA
Max. residual current of outputs per module	4 A
Nominal operating voltage DC load	24 V
Electrical isolation between channel and internal bus	yes
Electrical isolation between channels	no
Permissible voltage fluctuations load	± 25 %
Power supply, type of connection	Terminal strip
Power supply, connection technology	Spring-loaded terminal
Power supply, number of pins/wires	4
Power supply, connection pattern	00995847
Power supply, conductor diameter	0.2 mm² ... 1.5 mm²
Power supply, information on conductor diameter	0.2 - 2.5 mm² for flexible conductors without cable end sleeves
Certification	RCM compliance mark c UL us - Listed (OL)
KC characters	KC EMC
CE marking (see declaration of conformity)	As per EU EMC directive
Certificate issuing authority	UL E239998
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	0 - No corrosion stress
Storage temperature	-20 °C ... 70 °C

Feature	Value
Relative air humidity	95 % Non-condensing
Protection against direct and indirect contact	PELV
Degree of protection	IP20
Ambient temperature	-5 °C ... 50 °C
Note on ambient temperature	-5 - 60 °C for vertical installation
Product weight	93 g
Max. address capacity outputs	1 byte
Characteristic curve outputs	As per IEC 61131-2, type 0.5
Switching logic at outputs	PNP (positive switching)
Electrical connection output, function	Digital output
Electrical connection output, connection type	4x terminal strip
Electrical connection output, connection technology	Spring-loaded terminal
Electrical output connection, number of pins/wires	4
Electrical connection for output, connection pattern	00995846
Electrical connection for output, conductor cross section	0.2 mm² ... 1.5 mm²
Electrical connection for output, information on conductor cross section	0.2 - 2.5 mm² for flexible conductors without cable end sleeves
Type of mounting	With H-rail
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	PA