Product data sheet
Characteristics

BMXDDO1602
discrete output module, Modicon X80, 16 transistor outputs, 24V DC positive



Main

Range of product	Modicon X80
Product or component type	Discrete output module
Discrete output logic	Positive

Complementary

Response time on output	1.2 ms
Maximum voltage drop	<1.2 V at state 1
Insulation resistance	> 10 MOhm 500 V DC
Current per channel	0.625 A
Maximum current per module	10 A
Paralleling of outputs	Yes : 2 maximum
Switching frequency	0.5/LI² Hz
Load impedance ohmic	> 48 Ohm
Reverse polarity protection	Reverse mounted diode
MTBF reliability	410000 H
Protection type	External fuse reverse polarity protection Short-circuit protection Overload protection overvoltage protection
Voltage detection threshold	< 14 V DC preactuator fault > 18 V DC preactuator at state 0
Net weight	0.12 Kg

Environment

IP degree of protection	IP20
Protective treatment	Standard version
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Dielectric strength	1500 V AC at 50/60 Hz 1 minute, output/ground 1500 V AC at 50/60 Hz 1 minute, output/internal logic
Relative humidity	5…95 % at 55 °C without condensation

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.600 Cm
Package 1 Width	11.000 Cm
Package 1 Length	12.000 Cm

Package 1 Weight	145.000 G
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	2.950 Kg
Unit Type of Package 3	P06
Number of Units in Package 3	240
Package 3 Height	75.000 Cm
Package 3 Width	60.000 Cm
Package 3 Length	80.000 Cm
Package 3 Weight	53.000 Kg

Offer Sustainability

Recyclability potential, in %	3
Total lifecycle Carbon footprint	34 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	20.4431515152
Carbon footprint of the manufacturing phase [A1 to A3]	20 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0209221818
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0426046061
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	13.4007088643
Carbon footprint of the use phase [B2, B3, B4, B6]	13 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.2839078788
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	34
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	3a3aa81b-b333-475d-bdd7-d59b366b09eb
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised