Product data sheet
Characteristics

BMXEHC0800
counter module, Modicon M340, high speed, 8 channels



Main

Range of product	Modicon M340 automation platform
Product or component type	Counter module
Number of channels	8
Maximum counting frequency	10000 Hz
Number of inputs	2 (single mode) 3 (special dual phase mode)
Input compatibility	19.2…30 V 2-wire/3-wire proximity sensor incremental encoder with push-pull outputs, 10...30 V totem pole
Input voltage	24 V DC type 3

Complementary

Counter functions	Up/Down counter 32-bit counter counting Frequency meter Loop (modulo) counting Count events Down counting
Cycle time	5 Ms
Isolation voltage	1500 V for 60 s
Input type	High speed
Input voltage limits	24 V DC
Input current	4.5 MA
Voltage state 1 guaranteed	11...30 V DC
Current state 1 guaranteed	> 2 mA (for U >= 11V)
Voltage state 0 guaranteed	< 5 V DC
Current state 0 guaranteed	< 1.5 mA
Electrical connection	1 connector with 20 pins
Current consumption	200 mA at 3.3 V DC bus 80 mA at 24 V DC sensor
Module format	Standard
Net weight	0.113 Kg

Environment

Ambient air temperature for operation	0…60 °C
Relative humidity	10…95 % without condensation
IP degree of protection	IP20
Directives	2014/35/EU - low voltage directive 2014/30/EU - electromagnetic compatibility
Protective treatment	Standard version

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.2 Cm
Package 1 Width	11.0 Cm
Package 1 Length	11.8 Cm
Package 1 Weight	143.0 G
Unit Type of Package 2	S02
Number of Units in Package 2	15
Package 2 Height	15.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	2.39 Kg

Offer Sustainability

Recyclability potential, in %	3
Total lifecycle Carbon footprint	102 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	18.2710666667
Carbon footprint of the manufacturing phase [A1 to A3]	18 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.0186992
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.0380778667
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	83.2725251397
Carbon footprint of the use phase [B2, B3, B4, B6]	83 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.2537426667
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	102
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
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