Product data sheet
Characteristics

170ADI54050
discrete input module Modicon Momentum - 16 Input 100..120 V AC



Main

Range of product	Modicon Momentum automation platform
Product or component type	Discrete inputs base AC
Group of channels	2 groups of 8 inputs
Discrete input number	16
Discrete input logic	Positive

Complementary

Voltage range	0...132 V
Isolation between group	1780 V AC
Isolation between channels and bus	1780 V AC
Terminals description PLC n°1	(N)PW (5)IN_DIS#5 (13)IN_DIS#13 (15)IN_DIS#15 (12)IN_DIS#12 (10)IN_DIS#10 (14)IN_DIS#14 (11)IN_DIS#11 (9)IN_DIS#9 (7)IN_DIS#7 (L1)PW (1)IN_DIS#1 (8)IN_DIS#8 (2)IN_DIS#2 (6)IN_DIS#6 (16)IN_DIS#16 (3)IN_DIS#3 TB (4)IN_DIS#4
Local signalling	16 LEDs for channel status
Height	141.5 Mm
Width	125 Mm
Depth	47.5 Mm
Net weight	0.284 Kg

Environment

Protective treatment	TC
Marking	CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	9.000 Cm
Package 1 Width	18.000 Cm
Package 1 Length	26.000 Cm
Package 1 Weight	501.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	6
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	3.006 Kg

Offer Sustainability

Recyclability potential, in %	4
Total lifecycle Carbon footprint	304 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	161.76767986738588
Carbon footprint of the manufacturing phase [A1 to A3]	162 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.14962819230613894
Carbon footprint of the distribution phase [A4]	0.1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.27514923441468114
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	141.10219037035654
Carbon footprint of the use phase [B2, B3, B4, B6]	141 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.6197586949811829
Carbon footprint of the end-of-life phase [C1 to C4]	0.6 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	304
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	441d5619-6318-4bbf-ac83-96d05888ee7e
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