Product data sheet
Characteristics

140CRA31200
Quantum RIO Drop E/IP 1CH



Main

Range of product	Modicon Quantum
Product or component type	Ethernet RIO drop adaptor
Number of port	3
Integrated connection type	Ethernet IP/Modbus TCP for service port Ethernet IP/Modbus TCP for device network
Communication port protocol	Ethernet IP/Modbus TCP
Communication service	The input data are collected and published to the remote I/O head adaptor Output modules are updated with the data received from remote I/O head adaptor

Complementary

Topology	Daisy chain loop
Local signalling	1 LED (green/red) for module status (Mod Status) 1 LED (green/red) for network communication status (Net Status) 1 LED (green) for RUN 1 LED (red) for I/O
Product compatibility	140CRP31200
Environmental characteristic	Standard environment Hazardous location class I division 2 conforming to EN/IEC 61131-1
Width	167 Mm
Height	50 Mm
Net weight	0.554 Kg

Environment

Product certifications	CE[RETURN]UL 508[RETURN]C-Tick
Standards	IEC 55011 CSA C22.2 No 142 IEC 61000-4-16
IP degree of protection	IP20 conforming to IEC 61131-2 IP20 conforming to IEC 60527
Overvoltage category	Class I conforming to IEC 61131-2
Ambient air temperature for operation	0…60 °C conforming to IEC 60068-2-2 0…60 °C conforming to IEC 60068-2-2
Ambient air temperature for storage	-40…85 °C conforming to IEC 60068-2-2 -40…85 °C conforming to IEC 60068-2-2
Vibration resistance	3.5 mm constant amplitude (f= 0.5…8.4 Hz) conforming to IEC 61131-2 1 gn constant acceleration (f= 8.4…150 Hz) conforming to IEC 61131-2
Operating altitude	2000 m
Maximum altitude transport	3000 M
Relative humidity	93 % conforming to IEC 60068

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.900 Cm
Package 1 Width	16.400 Cm
Package 1 Length	31.300 Cm
Package 1 Weight	593.000 G
Unit Type of Package 2	S03
Number of Units in Package 2	7
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	4.650 Kg

Offer Sustainability

REACh free of SVHC	Yes
Mercury free	Yes
Sustainable packaging	No
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
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
PVC free	Yes
End of life manual availability	End Of Life Information
Take-back	No

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised