



### 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 (service port) Ethernet IP/Modbus TCP (device network)
Communication port protocol	Ethernet IP/Modbus TCP
Communication service	Output modules are updated with the data received from remote I/O head adaptor The input data are collected and published to the remote I/O head adaptor

### Complementary

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

### Environment

Product certifications	UL 508 CE C-Tick
Standards	CSA C22.2 No 142 IEC 61000-4-16 EN 55011
IP degree of protection	IP20 conforming to EN 61131-2 IP20 conforming to IEC 60527

140CRA31200

Overvoltage category	Class I conforming to EN 61131-2
Ambient air temperature for operation	0...60 °C conforming to IEC 60068-2-1 0...60 °C conforming to IEC 60068-2-2
Ambient air temperature for storage	-40...85 °C conforming to IEC 60068-2-1 -40...85 °C conforming to IEC 60068-2-2
Vibration resistance	3.5 mm constant amplitude (f=0.5...8.4 Hz) conforming to EN 61131-2 1 gn constant acceleration (f=8.4...150 Hz) conforming to EN 61131-2
Operating altitude	2000 m
Altitude transport	3000 m
Relative humidity	93 % conforming to IEC 60068

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1107 - Schneider Electric declaration of conformity <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold <a href="#">Reference not containing SVHC above the threshold</a>
Product environmental profile	Available <a href="#">End of life manual</a>
Product end of life instructions	Available

### Contractual warranty

Warranty period	18 months
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Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots