

Schneider Service Manual

140CRP93100

3. Product Information

Schneider Electric 140CRP93100 Picture

RIO head end adaptor module, Modicon Quantum, 1544Mbit/s, 75Ohm coaxial cable, 3W

140CRP93100

Specifications

Main

Range of Product

Modicon Quantum automation platform

Product or Component Type

RIO head-end adaptor module

Complementary

Product Compatibility

Quantum 200/500/800 series

Symax (any mix)

Maximum drops/network

31

I/O words/drop

64 I/64 O

Type of cable

75 Ohm coaxial

Transmission Rate

1544 Mbit/s

Dynamic range

35 dB

Isolation voltage

500 V DC coaxial center and ground

Electrical connection

1 female connector F, elbowed with single cable

Diagnostics startup

Power up

Memory check

LAN controller check

Power dissipation in W

3 W 1 channel

Marking

CE

Bus current requirement

600 mA 1 channel

Module format

Standard

Environment

Product Certifications

FM Class 1 Division 2

Standards

UL 508

CUL

CSA C22.2 No 142

Resistance to electrostatic discharge

4 kV contact IEC 801-2

8 kV on air IEC 801-2

Resistance to electromagnetic fields

9.1 V/m (10 V/m) 80...1000 MHz IEC 801-3

Ambient air temperature for operation

32...140 °F (0...60 °C)

Ambient Air Temperature for Storage

-40...185 °F (-40...85 °C)

Relative Humidity

95 % without condensation

Operating altitude

<= 16404.2 ft (5000 m)

Ordering and shipping details

Category

US1PC2118155

Discount Schedule

PC21

GTIN

3595861133754

Returnability

Yes

Packing Units

Unit Type of Package 1

PCE

Nbr. of units in pkg.

1

Package 1 Height

1.69 in (4.3 cm)

Package 1 Width

6.42 in (16.3 cm)

Package 1 Length

12.36 in (31.4 cm)

Package weight(Lbs)

17.6 oz (500.0 g)