



Main

Range of product	Modicon X80
Product or component type	Fibre optic repeater
Optic fiber type	Single mode

Complementary

Rated voltage	24 V
Current consumption	140 mA typical 200 mA maximum
Function available	Hot swap
Number of port	2 RJ45 with 100BASE-TX port Ethernet conforming to IEEE 802.3u 2 fiber optic with 100BASE-FX port Ethernet conforming to IEEE 802.3u
Local signalling	1 LED - red for error condition (ERR) 1 LED - green for power supply status 2 LEDs - green for fiber port state and activity 2 LEDs - green for link status
Wavelength	1310 nm
Operating distance	0...15000 m
Attenuation	-15...-8 dB (9/125 µm)
Rise/Fall time	2.5 ns
Receiver sensitivity	-31...-8 dBm
Marking	CE
Width	32 mm
Height	100 mm
Depth	86 mm
Product weight	203 g

Environment

Ambient air temperature for operation	0...60 °C
Ambient air temperature for storage	-40...70 °C
Relative humidity	0...95 %

Dielectric strength	1400 V DC between field and bus 500 V DC between channels
IP degree of protection	IP20
Operating altitude	0...4000 m
Directives	2012/19/EU - WEEE directive 2014/30/EU - electromagnetic compatibility 2014/35/EU - low voltage directive
Standards	EN 61000-6-4 EN 61000-6-2 EN 61010-2-201 EN 61131-2
Product certifications	C-Tick GOST Merchant Navy

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 1209 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available End of Life Information

Contractual warranty

Warranty period	18 months
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