

Product data sheet

Specifications



Smart RTU, SCADAPack 47x | 47xi, supporting DNP3/Modbus/IEC 60870, 12 flowrun license

TBUP470-UA50-AA0TS

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	SCADAPack 47x 47xi
Product or Component Type	Remote terminal unit
Market Segment	Oil and gas Water and waste water
Sensor type	ARM Cortex-A7 dual core at 500 MHz ARM Cortex-M3 at 500 MHz
Memory type	SRAM 4 MB RAM DDR3 256 MB NAND flash 256 MB Data storage 70 MB
Type of license	20 flowrun license
Range Compatibility	Realift

Complementary

Communication Service	Data logging in DNP3/ IEC 104
Communication Port Protocol	Modbus TCP client Modbus TCP server Modbus RTU server Modbus RTU client DNP3 level 4 IEC 60870-5-104 FTP server Telnet
Integrated connection type	2 Ethernet 8-pin modular, RJ45 - 10/100 Mbps 2 serial port for RS485 - 115.2 kbps 2 serial port for RS232/RS485 - 115.2 kbps 1 serial port for RS232 1 USB 2.0 port USB type A 1 USB 2.0 port USB type C
Input type	Digital x4, 12...24 V DC Analog x4 Counter x4
Analogue input type	Current 0...20 mA Current 4...20 mA Voltage 0...5 V Voltage 1...5 V
Output type	2 digital, 30 V, 2 A
Counting frequency	4 x 10 kHz

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Compatible expansion module	5304 analog output 5414 digital input 5415 digital output 5506 analog input 5606 expansion I/O 5607 expansion I/O 6601 expansion I/O 6607 expansion I/O 5505 RTD input
Input voltage	12...28 V DC
Power Consumption in W	2.8 W
Width	5.0 in (127.0 mm)
Length	5.6 in (142.0 mm)
Height	2.6 in (67.0 mm)
Product Weight	1.8 lb(US) (0.8 kg)

Environment

Standards	CSA C22.2 No 61010-1-12 CSA C22.2 No 61010-2-201 UL 61010-1 UL 61010-2-201 FCC part 15 Subpart B class A
Product Certifications	FCC part 15 class B ATEX II 3g Ex ec nC IIC T4 Gc ATEX zone 2 CE ACMA cULus HazLoc Class I Division 2 Group A cULus HazLoc Class I Division 2 Group B cULus HazLoc Class I Division 2 Group C cULus HazLoc Class I Division 2 Group D ICES-003
Marking	CE RCM EAC
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C) when the unit is mounted horizontally on a vertical surface -40...149 °F (-40...65 °C) when the unit is mounted in any other position -40...158 °F (-40...70 °C) when the unit is mounted horizontally on a vertical surface -40...149 °F (-40...65 °C) when the unit is mounted in any other position
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C) -40...185 °F (-40...85 °C)
Relative Humidity	5...95 % non-condensing
Pollution degree	2
vibration resistance	7 mm constant amplitude 1 gn constant acceleration
Shock resistance	15 gn 15 ms IEC 61131-2

Ordering and shipping details

Category	US10NET11300
Discount Schedule	0NET
GTIN	3606481040114
Returnability	No
Country of origin	US

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.6 in (6.7 cm)
Package 1 Width	5.0 in (12.7 cm)
Package 1 Length	5.6 in (14.2 cm)
Package weight(Lbs)	2.2 lb(US) (1 kg)

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint	157 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	48 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	18 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	88 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov
PVC free	No

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	70
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.