

Product data sheet

Specifications



Smart RTU, SCADAPack57x, 20
flowrun license, CSA/cCSAus
Hazardous location / ATEX/ IECEEx
certification, 2 DI, 1 DO

SCADAPACK_570

Main

Range of product	SCADAPack 57x
Product or component type	Remote terminal unit
Market segment	Oil and gas Water and waste water
Processor name	ARM Cortex-A9 dual core at 500 MHz
Memory type	4 MB SRAM 128 MB RAM DDR3 128 MB NAND flash 70 MB data storage
Type of license	20 flowrun license
Range compatibility	EcoStruxure Geo SCADA Expert
Input voltage	12...30 V DC

Complementary

Application structure	1 master task 1 fast task 2 auxiliary tasks
Communication port protocol	Modbus RTU client Modbus RTU server Modbus TCP client Modbus TCP server DNP3 level 4 IEC 60870-5-104 FTP server Telnet server HART
Integrated connection type	3 Ethernet RJ45, 10/100BASE-T 2 serial port for RS232 - 115.2 kbit/s 2 serial port for RS232/RS485 - 115.2 kbit/s 1 USB 2.0 port USB type A - 115.2 kbit/s 1 USB 2.0 port USB type B
Input type	Digital x2 inputs,, 12...24 V DC Counter x2 inputs,
Output type	1 digital, 30 V, 0.5 A
Counting frequency	2 x 10 kHz
Maximum number of I/O expansion module	5304 for analog output 5405 for digital input 5414 for digital input 5415 for digital output 5506 for analog input 5606 for expansion I/O 5607 for expansion I/O 6601 for expansion I/O 6602 for HART I/O

	6607 for expansion I/O
Power consumption in W	4.3 W
Width	135.0 mm
Length	150.5 mm
Height	75.0 mm
Net weight	0.8 kg

Environment

Standards	UL 508 UL 61010-1 UL 61010-2-020 FCC CFR 47 part 15 ICES-003
Product certifications	CE IECEX CSA CCSAus HazLoc Class I Division 2 Group A CCSAus HazLoc Class I Division 2 Group B CCSAus HazLoc Class I Division 2 Group C CCSAus HazLoc Class I Division 2 Group D CCSAus OL ATEX Ex nA IIC T4 Gc
Marking	CE RCM EAC FCC UL
Ambient air temperature for operation	-40...70 °C when the unit is mounted horizontally on a vertical surface -40...65 °C when the unit is mounted in any other position -40...70 °C when the unit is mounted horizontally on a vertical surface -40...65 °C when the unit is mounted in any other position
Ambient air temperature for storage	-40...85 °C -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 conforming to IEC 61131-2

Recommended replacement(s)