PROCENTEC

Technical Data Atlas

Dimensions, weight and mounting	
Dimensions (D x W x H)	120 x 65 x 120 mm (width without side cover: 58 mm)
Weight	680 g
DIN-rail	35 mm (minimal 50 mm wide)

Ambient conditions	
Operating temperature	-20 º .. 60º C
Storage temperature	-20° .. +85° C
Relative air humidity	Maximum 98%
Ingress protection	IP 20 (DIN 40 050)

Power supply specifications	
Operating supply voltage	12 .. 24 VDC
Absolute maximum rated voltage	9 .. 32 VDC
Nominal power use	4.5 W
Maximum power use	20 W
Input current (24 VDC)	Typ. 180 mA, maximum 840 mA
Reverse polarity protection	Yes
Redundant power supply	No
Wire diameter	< 2.5 mm^2
Pluggable power supply connector	Pin - : 0 V
	Pin + : +24 VDC
	Pin SH : Shield
	Installation notes:
	The device shall be supplied from an isolating transformer having a secondary Listed fuse rated either:
	• Maximum 5 amps for voltages 12 .. 20 V, or
	• Maximum 4 amps for voltages 21 .. 24 V,
	or is supplied by a Class 2 power supply, or equivalent.

Ethernet	
Connector (Factory and Office)	RJ-45
Maximum cable length	100 m or 328 ft
Link speed	10 / 100/1000 Mbps
MAC address	Range: 9C:B2:06:2B:40:00 - 9C:B2:06:2D:3F:FF
Supported protocols	OPC UA, PROFINET (detect only), PROFINET I&M0, Modbus TCP (detect only), Ethernet/IP (detect only)
Default IP address after reset/purchase	Factory: 192.168.0.10
	Office: 192.168.1.10
Default login / password	admin / admin
Connections	Up to 20 concurrent web clients

Relay contact	
Input voltage/current Resistance UL maximum contact rating	Maximum 220 VDC / 270 mA 100 .. 150 mΩ (including plug) • 30 VDC, 2A, 60W • 110 VDC, 0.3A, 33W • 220 VDC, 0.27A, 60W • 125 VAC, 0.5A, 62.5W • 250 VAC, 0.25A, 62.5W Installation notes: The device shall be supplied from an isolating transformer having a secondary Listed fuse rated either: • maximum 5 amps for voltages 12 .. 20 V, or • maximum 4 amps for voltages 21 .. 24 V, or is supplied by a Class 2 power supply, or equivalent.
SD Card	
Types Size	SD and SDHC Max. 32 GB
USB ports	
Type Maximum output current	USB 2.0 500 mA per port
Others	
MTBF	To be defined

Quick Start instructions:

STEP 1 Install the device on a DIN rail.

STEP 2 Connect the Office port to your laptop and the Factory port to the factory network. The factory side should NOT be connected to a mirror port of a switch.

STEP 3 Connect the Atlas to a power supply. Wait until the green RDY LED is on.

STEP 4 Set your laptops IP address to 192.168.1.1 and the netmask to 255.255.255.0.

STEP 5 Open a web browser and go to https://192.168.1.10/. You will receive a warning about the certificate:
• Chrome users should click 'ADVANCED followed by 'Proceed ..'
• Internet Explorer/Edge users should click 'Continue to this website ..'

STEP 6 Use user 'admin' and password 'admin' for the first login.

STEP 7 Now complete the Setup Wizard but don´t change the settings of Office port yet.

STEP 8 Now setup the Office port in the Settings, unplug your laptop and connect the Office port to the office network.