

## 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° .. 60° 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 <sup>2</sup>
Pluggable power supply connector	Pin - : 0 V Pin + : +24 VDC Pin SH : Shield
	<b>Installation notes:</b> The device shall be supplied from an isolating transformer having a secondary Listed fuse rated either: <ul style="list-style-type: none"> <li>• Maximum 5 amps for voltages 12 .. 20 V, or</li> <li>• Maximum 4 amps for voltages 21 .. 24 V, or is supplied by a Class 2 power supply, or equivalent.</li> </ul>
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) <ul style="list-style-type: none"> <li>• 30 VDC, 2A, 60W</li> <li>• 110 VDC, 0.3A, 33W</li> <li>• 220 VDC, 0.27A, 60W</li> <li>• 125 VAC, 0.5A, 62.5W</li> <li>• 250 VAC, 0.25A, 62.5W</li> </ul> <u>Installation notes:</u> The device shall be supplied from an isolating transformer having a secondary Listed fuse rated either: <ul style="list-style-type: none"> <li>• maximum 5 amps for voltages 12 .. 20 V, or</li> <li>• maximum 4 amps for voltages 21 .. 24 V, or is supplied by a Class 2 power supply, or equivalent.</li> </ul>
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:

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| <p>STEP 1 Install the device on a DIN rail.</p> <p>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.</p> <p>STEP 3 Connect the Atlas to a power supply. Wait until the green RDY LED is on.</p> <p>STEP 4 Set your laptops IP address to 192.168.1.1 and the netmask to 255.255.255.0.</p> | <p>STEP 5 Open a web browser and go to <a href="https://192.168.1.10/">https://192.168.1.10/</a>. You will receive a warning about the certificate:</p> <ul style="list-style-type: none"> <li>• Chrome users should click 'ADVANCED followed by 'Proceed ..'</li> <li>• Internet Explorer/Edge users should click 'Continue to this website ..'</li> </ul> <p>STEP 6 Use user 'admin' and password 'admin' for the first login.</p> <p>STEP 7 Now complete the Setup Wizard but don't change the settings of Office port yet.</p> <p>STEP 8 Now setup the Office port in the Settings, unplug your laptop and connect the Office port to the office network.</p> |
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