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Technical data Power supply Nominal voltage Ripple Power consumption	DC 20 V 30 V < 10 % 2.8 W
Input	CAN protocol via Power Rail Bus up to 16 devices
Output	Ethernet satisfies Modicon Open Modbus/TCP spec. draft 2
Cycle time, internal bus	1Device25 ms16Devices with digital input29 ms16Devices with digital output33 ms16Devices with analog input31 ms16Devices with analog output35 ms
Galvanic isolation Internal bus / External bus Internal bus / Power supply External bus / Power supply RS 485-interface / Internal bus RS 485-interface / External bus RS 485-interface / Power supply	Basic isolation acc. to DIN EN 50 178, design isolation voltage AC 50 V <sub>eff</sub> not present Basic isolation acc. to DIN EN 50 178, design isolation voltage AC 50 V <sub>eff</sub> Basic isolation acc. to DIN EN 50 178, design isolation voltage AC 50 V <sub>eff</sub> Basic isolation acc. to DIN EN 50 178, design isolation voltage AC 50 V <sub>eff</sub> Basic isolation acc. to DIN EN 50 178, design isolation voltage AC 50 V <sub>eff</sub>
<b>Conformity to standard</b> Isolation Climatic conditions EMC / Electromagnetic compatibility	acc. to DIN EN 50 178 acc. to DIN IEC 721 acc. to DIN EN 50 081-2, DIN EN 50 082-2, NAMUR NE 21
Weight Ambient temperature	≈ 500 g (≈ 17.5 oz) -20 °C +60 °C (-4 °F 140 °F)
Application	Connection of RPI to the control system via Ethernet. Configuration interface for the RPI devices.
Operation	The configuration, programming, addressing, operation and fault detection are performed by a PC and the human machine interface via an RS 485 interface (see RPI System Manual). Limited access to the configuration data is possible without the PC with the control elements of the gateway and the devices.
Operation Components	Connection of a PC for configuration and parameterization of the system to the plug in screw terminals 1, 2, 3 by means of adaptor K-ADP4.

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