

Data sheet

Some	Feature	Value
Type of mounting With H-rail Product weight 130 g Ambient temperature 5° C50°C Storage temperature -20° C70°C Relative air humidity 9° % Non-condensing Degree of protection PF65 PF07 Corrosion resistance class CRC 0 - No corrosion stress Vibration resistance Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials ROHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Roary switch for setting operating mode DHCP Static via web server Field bus, protocol Efternet OPC-UA	Dimensions (W x L x H)	50 x 107 x 50 mm
Product weight 130 g Ambient temperature -5 °C50 °C Storage temperature -20 °C70 °C Relative air humidity 95 % Ron-condensing Degree of protection IP65 IP67 Corrosion resistance class CRC 0 - No corrosion stress Vibration resistance Vibration resistance Shock test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status, port 1 Network status, port 1 Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for settling operating mode IP address setting DHCP Static via web server Efield bus, protocol Ethernet OPC-UA	Grid dimension	50 mm
Ambient temperature 5 °C50 °C Storage temperature -20 °C70 °C Relative air humidity 95 % Non-condensing Degree of protection IP65 IP67 Corrosion resistance class CRC 0 - No corrosion stress Vibration resistance Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status, port 1 Network status, port 1 Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for resetting operating mode IP address setting Ethernet OPC-UA	Type of mounting	With H-rail
Storage temperature -20 °C70 °C Relative air humidity 95 % Non-condensing Degree of protection IP65 IP67 Corrosion resistance class CRC 0 - No corrosion stress Vibration resistance Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status, port 1 Network status, port 1 Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for resetting operating mode IP address setting Ethernet OPC-UA	Product weight	130 g
Relative air humidity P5 % Non-condensing Degree of protection P67 Corrosion resistance class CRC O - No corrosion stress Vibration resistance Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) Note on materials Material housing PA Diagnostics via LED Modify Module location Network status, port 1 Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode IP address setting Field bus, protocol Ethernet OPC-UA	Ambient temperature	-5 °C50 °C
Degree of protection IP65 IP67 Corrosion resistance class CRC O - No corrosion stress Vibration resistance Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status Networ	Storage temperature	-20 °C70 °C
IP67 Corrosion resistance class CRC O - No corrosion stress	Relative air humidity	
Vibration resistance Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Field bus, protocol Ethernet OPC-UA	Degree of protection	
Shock resistance Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27 Protection against direct and indirect contact PELV LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode IP address setting Ethernet OPC-UA	Corrosion resistance class CRC	0 - No corrosion stress
Protection against direct and indirect contact LABS (PWIS) conformity VDMA24364-B2-L To EU EMC Directive Note on materials Material housing PA Diagnostics via LED Modify Module location Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Ethernet OPC-UA	Vibration resistance	
LABS (PWIS) conformity VDMA24364-B2-L CE mark (see declaration of conformity) To EU EMC Directive RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Ethernet OPC-UA	Shock resistance	Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27
To EU EMC Directive Note on materials RoHS-compliant Material housing PA Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting operating mode DHCP Static via web server Ethernet OPC-UA	Protection against direct and indirect contact	PELV
Note on materials Material housing PA Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Field bus, protocol Ethernet OPC-UA	LABS (PWIS) conformity	VDMA24364-B2-L
Material housing Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Ethernet OPC-UA	CE mark (see declaration of conformity)	To EU EMC Directive
Diagnostics via LED Modify Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Ethernet OPC-UA	Note on materials	RoHS-compliant
Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault Connection to the cloud Operator controls DIP switch for resetting to delivery state Rotary switch for setting operating mode DHCP Static via web server Ethernet OPC-UA	Material housing	PA PA
Rotary switch for setting operating mode DHCP Static via web server Ethernet OPC-UA	Diagnostics via LED	Module location Network status Network status, port 1 Network status, port 2 Power supply, electronics/sensors Load power supply System fault
Static via web server Field bus, protocol Ethernet OPC-UA	Operator controls	
OPC-UA	IP address setting	
Field bus, connection type Socket	Field bus, protocol	
	Field bus, connection type	Socket

Feature	Value
Field bus, connection system	M12x1, D-coded to EN 61076-2-101
Field bus, connection pattern	4
Field bus interface, electrical isolation	yes
Field bus interface, transmission rate	100 Mbit/s
Ethernet interface, connection type	Socket
Ethernet interface, protocol	TCP/IP
Ethernet interface, function	Connection to MQTT broker
Ethernet interface, connection system	M12x1, D-coded to EN 61076-2-101
Ethernet interface, number of pins/wires	4
Ethernet interface, transmission rate	10 Mbit/s 100 Mbit/s
Configuration support	Integrated web server
CPU data	256 MB RAM Dual Core 533 MHz
Nominal DC operating voltage, electronics/sensors	24 V
Permissible voltage fluctuations for electronics/sensors	± 25%
Intrinsic current consumption at nominal operating voltage for electronics/sensors	Typically 80 mA
Power failure bridging	10 ms