

Data sheet

16378.2 GSM-PRO-4DO



GSM-PRO I/O digital output module, 4 relay outputs 1 W, 250 V, 16 A (inrush 80 A), With LED display, Mounting type: Mounting rail TS 35, Supply voltage range: 20 - 28 VDC

Business data

Article number	16378.2
Article name	GSM-PRO-4DO
GTIN (EAN)	4044211207786
Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	154 g
Weight per piece (including packaging)	172 g
Unit of weight	G
Customs number	85176990
Country of origin	NL
Product description	Controller module

Technical data

Dimensions

Length	95 mm
Width	53 mm
Height	60 mm

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm ²
Wire cross-section single-core (rigid), max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length	6 mm
Torque	0.4 Nm

Output data

Number of outputs	4
Output type	Digital
Switching voltage / switching voltage max.	250 / 250 VAC
Switching current, max.	16 / 80 (20 ms) A
Module current (all relays), max.	32 A
Output signal U/I	Relay
Contact configuration	1CO
Switching capacity, max.	4000 VA
Switching frequency, max.	6/min kHz
Electrical lifespan (AC1)	1x10 ⁵
Mechanical lifespan	30x10 ⁵

Materials

Contact material	AgSnO ₂
Working temperature, min.	-20 °C
Working temperature, max.	60 °C
Relative humidity, max.	90 %

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Technical data

Further technical data

Power supply	20-28 VDC -
Current consumption	100 mA
Protection class	IP20
Status display	✓
Storage temperature, min.	-20 °C
Storage temperature, max.	70 °C
Mounting	Mounting rail TS35 / direct mount
Insulation voltage coil/contact	5 kV

BUS data

Bus protocol / interface	Modbus RTU / RS485, half-duplex
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Environmental Product Compliance

REACH Conform	yes
REACH Reference date	2023-06-14
REACH Candidate Substance Note	No
RoHS Conform	yes

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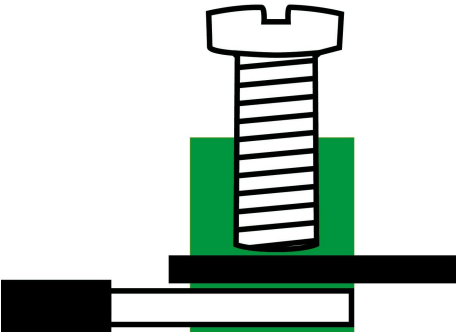


Approvals

Standards and regulations

CE compliant	yes
Standards / specifications	Low-Voltage Directive (LVD) 2014/35/EC, in compliance with EN 50178. EMC Directive 2014/30/EC, in compliance with EN 61326-1

Media



Accessories

##INVERSE##CONTA-ELECTRONICS



Compact reporting system for mobile networks (up to and including 4G) to monitor analogue and digital values, and to remotely switch relay outputs, Mounting type: Mounting rail TS 35, Supply voltage range: 10 - 30 VDC.

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16454.2</u>	GSM-PRO2-4G-EU	4044211222505	1 ST



Compact reporting system for mobile networks (up to and including 4G) to monitor analogue and digital values, and to remotely switch relay outputs, Mounting type: Mounting rail TS 35, Supply voltage range: 10 - 30 VDC.

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16454.2</u>	GSM-PRO2-4G-EU	4044211222505	1 ST



Compact reporting system for mobile networks (up to and including 4G) to monitor analogue and digital values, and to remotely switch relay outputs, Mounting type: Mounting rail TS 35, Supply voltage range: 10 - 30 VDC.

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16456.2</u>	GSM-PRO2-4G-US	4044211222529	1 ST



Compact signaling system for mobile networks (up to and including 4G) to monitor analog and digital values as well as remotely switch relay outputs, Mounting type: Mounting rail TS 35, Supply voltage range: 10 - 30 VDC.

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16457.2</u>	GSM-PRO2E-4G-US	4044211222536	1 ST



Compact signaling system for mobile networks (up to and including 4G) to monitor analog and digital values as well as remotely switch relay outputs, Mounting type: Mounting rail TS 35, Supply voltage range: 10 - 30 VDC.

Article number	Article name	GTIN (EAN)	Packaging unit
<u>16457.2</u>	GSM-PRO2E-4G-US	4044211222536	1 ST