

PSSnet GW1 MOD-EtherCAT

311601



PSSnet, gateway, standard, protocol converter between Modbus/TCP Server and EtherCAT Slave, supports CANopen over EtherCAT, for use with PSS 3000, PSS 4000, PMI, PMCprimo and third-party products, configuration with web server, 1 RJ45 port Modbus/TCP, 2 RJ45 ports EtherCAT, transmission rates 10/100 MBit/s, auto-negotiation, data length 512Byte.

Technical details

General data

Approval: CE, UKCA, cULus Listed

Technical data

Electrical data

Purpose of U1: Module supply

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 3 W

Fieldbus interface

Fieldbus interface: EtherCAT

Fieldbus device type: Slave

Name of fieldbus protocol: CANopen over EtherCAT

Selectable transmission rates: 100 MBit/s

Connection fieldbus: RJ45

Fieldbus operating modes: Auto-MDIX

Galv. isolation fieldbus: Yes

Type of galvanic isolation: Functional insulation

MODBUS

Number of MODBUS interfaces: 8

Modbus connection: RJ45

Modbus device type:	Server
Modbus operating modes:	Auto-MDIX, Autonegotiation
Modbus selectable trans. rate:	10 MBit/s, 100 MBit/s
Galv. isolation from Modbus:	Yes
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0 - 60 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-30, EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Not permitted
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61131-2
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Potential separation	
Potential isolation 1 between:	EtherCAT and system voltage
Type of potential isolation 1:	Functional insulation
Potential isolation 2 between:	Modbus and system voltage
Type of potential isolation 2:	Functional insulation
Mechanical data	
DIN-rail dimensions:	35 x 7.5 EN 50022
Housing material lower section:	PC
Housing material front plate:	PC
Connection terminal:	Screw terminal plug-in, Spring-loaded terminal, plugin

Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	96 mm
Width dimension:	22.5 mm
Depth dimension:	110.4 mm
Net weight:	90 g
Gross weight:	110 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1
WEEE classification (08/2018):	6 small IT-/communic. device
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85176200
UNSPSC 25:	32131023
EAN-Code:	4046548074000
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242208
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001423
Volume:	0 dm3

Obligatory accessories



783542

Spring terminals PNOZ mmcxp, 1 pc.



793542

Screw terminals PNOZ mmcxp, 1 pc.