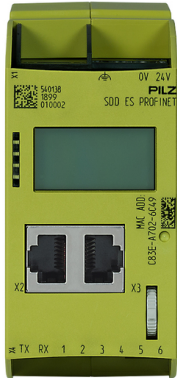


SDD ES PROFINET

540138



SDD (Safety Device Diagnostics), fieldbus module, standard, Profinet , 2 RJ45 ports, 6 digital inputs/outputs, plug-in connection terminals (not supplied with the unit).

Technical details

General data

Approval: CE, UKCA

Technical data

Electrical data

Purpose of U1: Module supply

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 2 W

Inputs

Semiconductor outputs

Number of semicond. outputs: 6

S/C output short circuit proof: Yes

Fieldbus interface

Fieldbus interface: PROFINET

Fieldbus device type: Slave

Selectable transmission rates: 10 MBit/s, 100 MBit/s

Connection fieldbus: RJ45

Galv. isolation fieldbus: Yes

Type of galvanic isolation: Functional insulation

MODBUS

Number of MODBUS interfaces:	8
Modbus connection:	RJ45
Modbus operating modes:	Auto-MDIX, Autonegotiation
Galv. isolation from Modbus:	Yes
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0 - 55 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-30, EN 60068-2-78
Humidity rating:	90 % r. h. at 55 °C
Condensation permitted?:	Not permitted
Perm. operating height ASL:	2000 m
EMC to standard ...:	EN 61000-4-5, EN 61000-6-4, EN 61000-4-6, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Protection type standard:	EN 60529
Potential separation	
Potential isolation 1 between:	Ethernet and system voltage
Type of potential isolation 1:	Functional insulation
Mechanical data	
Mounting position:	any
DIN-rail dimensions:	35 x 7.5 EN 50022
Housing material lower section:	PC
Housing material front plate:	PC
Housing material upper part:	PC
Connection terminal:	Screw terminal plug-in, Spring-loaded terminal, plugin
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	115 mm
Width dimension:	45 mm

Depth dimension:	95 mm
Net weight:	160 g
Gross weight:	175 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):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548083026
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242608
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001604
Volume:	0

Obligatory accessories

540120

SDD ES SET SCREW TERMINALS



540121

SDD ES SET SPRING LOADED TERMINALS

