

PNOZ m ES EtherCAT

772136



Configurable safe small controllers PNOZmulti 2, fieldbus module, EtherCAT.

Technical details

General data

Approval: CE, UKCA, cULus Listed, EAC (Eurasian)

Technical data

Electrical data

Purpose of U1: Module supply

Supply voltage (V): 24 - 24 V

Type of supply voltage U1: DC

Power consumption DC: 0.9 W

Potential isolation U1: Yes

Purpose of U1NT1: Module supply

Source of internal voltage: Via base unit

Voltage type of U1NT1: DC

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

Galv. isolation fieldbus: 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
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:	Fieldbus and module
Type of potential isolation 1:	Functional insulation
Mechanical data	
Mounting position:	horizontal on top hat rail
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:	Spring-loaded terminal, Screw terminal
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	101.4 mm
Width dimension:	22.5 mm
Depth dimension:	115 mm
Net weight:	85 g
Gross weight:	95 g

Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	no
REACH compliance:	Contains no SVHC substances
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85176200
UNSPSC 25:	39122331
EAN-Code:	4046548069495
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242208
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001423
Volume:	0.336 dm ³

Obligatory accessories



783542

Spring terminals PNOZ mmcxp, 1 pc.



793542

Screw terminals PNOZ mmcxp, 1 pc.

Optional accessories



783543

Spring terminals PNOZ mmcxp, 10 pcs.



793543

Screw terminals PNOZ mmcxp, 10 pcs.

779260

PNOZ mm0.xp connector left (10 pcs)

