PILZ
THE SPIRIT OF SAFETY

PNOZ m EF 8DI4DO 772142



Configurable safe small controllers PNOZmulti 2, expansion module, 8 safe digital inputs, 4 safe semiconductor outputs.

Technical details

General data	
Approval:	CE, UKCA, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
Application range:	Failsafe
Technical data	
Electrical data	
Purpose of U2:	Supply of SC outputs
Supply voltage 2 (V):	24 - 24 V
Type of supply voltage U2:	DC
Potential isolation U2:	Yes
Purpose of UINT1:	Module supply
Source of internal voltage:	Via base unit
Voltage type of UINT1:	DC
Permitted loads:	Resistive, Inductive, Capacitive
Inputs	
U input to EN 61131-2 Type 1:	24 V DC
Potential isolation input:	No
Semiconductor outputs	
Potential isolation of S/C O:	Yes
S/C output short circuit proof:	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:	SC output and system voltage
Type of potential isolation 1:	Basic 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
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	101.4 mm
Width dimension:	22.5 mm
Depth dimension:	120 mm
Net weight:	105 g

Gross weight:	115 g
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a
REACh compliance:	contains min. 1 SVHC-substance
REACh included substances:	Lead
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548069402
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242204
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001419
Volume:	0.373 dm3

Obligatory accessories



750004 PNOZ s Setscrew terminals 22,5mm



751004 PNOZ s Setspring loaded terminals 22,5mm

Optional accessories

779260 PNOZ mm0.xp connector left (10 pcs)

