

PNOZmulti Classic, expansion module, failsafe, 4 digital outputs, semiconductor, 2 A, single-pole, positive-switching.

Technical details

General data

Approval: CE, CCC, BG, cULus Listed, KOSHA, EAC (Eurasian), TÜV

Technical data

Electrical data

Purpose of U2: Versorgung der HL-Ausgänge

Supply voltage 2 (V): 24

Type of supply voltage U2: DC

Tolerance of U2: -15 %/+20 %

Potential isolation U2: ja

Purpose of U1NT1: Versorgung des Moduls

Source of internal voltage: über Basisgerät

Voltage type of U1NT1: DC

Tolerance of U1NT. Module: -2 %/+2 %

Semiconductor outputs

Number of semicond. outputs: 4

Potential isolation of S/C O: ja

S/C output short circuit proof: ja

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:	III
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Terminal protection type:	IP20
Potential separation	
Potential isolation 1 between:	HL-Ausgang und Systemspannung
Type of potential isolation 1:	sichere Trennung
Mechanical data	
Mounting position:	waager. auf Hutschiene
DIN-rail dimensions:	35 x 7,5 EN 50022
Housing material lower section:	PPO UL 94 V0
Housing material front plate:	ABS UL 94 V0
Connection terminal:	Screw terminal, Spring-loaded terminal
Flex. cond. c/s AWG info:	24 - 16 AWG
Height dimension:	94 mm
Width dimension:	22.5 mm
Depth dimension:	121 mm
Net weight:	154 g
Gross weight:	172 g
Environment	

RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes
RoHS except.s acc. to direct.:	7a, 6c, 7c I
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead, Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 1317-36-8
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242204
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

Obligatory accessories

783400 PNOZmulti Set spring loaded terminals

793400 PNOZ mi1p/mi2p/mo1p screw terminals

Optional accessories

774639 KOP-XE

779110

PNOZmulti Bus-Terminator
