

PNOZ m EF 4DI4DOR

772143



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

Technical details

General data	
Approval:	CE, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
Application range:	Failsafe
Technical data	
Electrical data	
Purpose of UINT1:	Module supply
Source of internal voltage:	Via base unit
Voltage type of UINT1:	DC
Permitted loads:	Resistive, Inductive
Inputs	
Number of digital inputs:	4
Potential isolation input:	No
Relay outputs	
Number of relay outputs:	4
Utilisation cat. AC/DC1 stand.:	EN 60947-4-1
Voltage AC1 safety cont.:	250
Max. current AC1 safety cont.:	6
Voltage DC1 safety cont.:	24
Max. current DC1 safety cont.:	6
Utilisation cat. AC15/DC13sta.:	EN 60947-5-1

Voltage AC15 safety cont.:	230
Max. current AC15 safety cont.:	3
Voltage DC13 safety cont.:	24
Safety contacts: AC at UL:	240 VAC G.U. Resistive
Pilot duty R300 to UL:	24 V DC
Relay contact material:	AgCuNi
Addit. contact details relay:	+ 0.2 µm Au
Pot. isolation relay outputs:	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:	RL output and system voltage
Type of potential isolation 1:	Safe separation
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:	Screw terminal, Spring-loaded 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:	190
Gross weight:	205

Obligatory accessories

750004

PNOZ s Setscrew terminals 22,5mm

751004

PNOZ s Setspring loaded terminals 22,5mm
