

PNOZ e3.1p 24VDC 2so

774139



Safety relay (standalone), inputs: 2-channel wiring with/without detection of shorts across contacts, (PSEN 2.1p/2.2p), outputs: 2 safety outputs, 1 auxiliary output in SC technology, automatic/monitored start, UB = 24 V DC, width: 22.5 mm, plug-in terminals of screw type, connection between several devices, safety gates, feedback loop.

Technical details

General data

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

Technical data

Electrical data

Supply voltage (V): 24 - 24 V
 Type of supply voltage U1: DC
 Max. device circuit breaker: 6 A slow / 10 A quick

Semiconductor outputs

Utilisation cat. to EN 60947-1: DC-12

Environmental data

Climatic suitability to ...: EN 60068-2-78
 Ambient temperature: -10 - 55 °C
 Humidity rating: 93 % r. h. at 40 °C
 Condensation permitted?: Not permitted
 EMC to standard ...: EN 60947-5-1, EN 61000-6-2, EN 61326-3-1, EN 61000-6-4
 Vibration to standard ...: EN 60068-2-6
 Clearance & creepage dist. to: EN 60947-1
 Overvoltage category: III
 Pollution degree clear.&creep.: 2

Mechanical data

Mounting position:	any
Housing material front plate:	ABS UL 94 V0
Connection terminal:	Screw terminal
Terminal style:	plug-in
Flex. cond. c/s AWG info:	24 - 12 AWG
Height dimension:	94 mm
Width dimension:	22.5 mm
Depth dimension:	121 mm
Net weight:	130 g
Gross weight:	150 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, Lead oxide
%-part of the pollutant:	> 0,1%
CAS No.:	7439-92-1, 1317-36-8
WEEE klassifikation (08/2018):	5 devices (feed size < 50cm)
SCIP entry available:	0
Commercial data	
Harmonized System Code:	85365019
UNSPSC 25:	39122331
EAN-Code:	4046548011913
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27371819
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000019

ETIM Reference Feature:	EC001449
Volume:	0.285 dm ³

Optional accessories



774195

Terminal block filter 1



774196

Terminal block filter 2



374280

PNOZ X Set plug in screw terminals P1+P2