

## PNOZ e3.1p C 24VDC 2so

784139



Safety relay (standalone) Inputs: 2-channel wiring with/without detection of shorts across contacts Outputs: 2 safety outputs + 1 auxiliary output in semiconductor technology Automatic/monitored start, UB 24 V DC, width: 22.5 mm, plug-in Spring-loaded terminals, connecting several devices, safety gate monitors.

### Technical details

|                                         |                                                                                                                                                                                                            |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Certifications:                         | CE;cULus Listed;EAC (Eurasian);TÜV                                                                                                                                                                         |
| Application options:                    | Safety gate monitor;Non-contact safety gate monitor;Mechanical safety gate monitor                                                                                                                         |
| Operating modes:                        | Single-channel;Automatic reset;Dual-channel;Detection of shorts across contacts;Start-up testing;Monitored manual reset;without detection of shorts across contacts;Self test;with AND input;With OR input |
| Product standard:                       | EN 60947-5-1                                                                                                                                                                                               |
| Standards:                              | EN 60204-1;EN 60947-5-3;EN 62061;EN ISO 13849-1;VDE 0113-1                                                                                                                                                 |
| Supply voltage (V):                     | 24,0                                                                                                                                                                                                       |
| Supply voltage type:                    | DC                                                                                                                                                                                                         |
| Terminal type:                          | Spring-loaded terminal                                                                                                                                                                                     |
| Terminal style:                         | Plug-in                                                                                                                                                                                                    |
| Number of instantaneous safety outputs: | 2 ST                                                                                                                                                                                                       |
| Number of test pulse outputs:           | 2                                                                                                                                                                                                          |
| Stop category:                          | 0                                                                                                                                                                                                          |
| Width dimension:                        | 22.5 mm                                                                                                                                                                                                    |
| Height dimension:                       | 101.0 mm                                                                                                                                                                                                   |
| Depth dimension:                        | 121.0 mm                                                                                                                                                                                                   |
| Gross weight:                           | 150 g                                                                                                                                                                                                      |
| Net weight:                             | 130 g                                                                                                                                                                                                      |
| Ambient temperature:                    | -10 - 55 °C                                                                                                                                                                                                |

## Optional accessories



374290

PNOZ X Set spring loaded terminals P1+P2



774195

Terminal block filter 1



774196

Terminal block filter 2