

► Safety relay PNOZsigma – safe voltage monitor PNOZ s60

NEW

The voltage monitoring relay is the successor of PNOZ X PU3Z and is used for safe monitoring of de-energized 1- or 3-phase supplies with neutral conductor. It measures the voltage at the three phases and only enables the safety circuit when the value falls below the threshold value. If the plant remains energized after switching off due to a mechanical malfunction, such as the welding of contacts on the main switch, the PNOZ s60 reliably prevents access to the machine. By monitoring the safe voltage-free state, maintenance work on plant and machinery can also be carried out safely.



Your benefits at a glance

- Meets all the requirements for implementation of SLS applications (Safety Lockout System)
- Certified safety through UL-6420 approval
- 2 switching thresholds (12 V/6 V) for customized industrial use
- Extended supply voltage range (24 – 48/100 – 240 VAC/DC)
- Comprehensive diagnostic capability via LEDs reduces downtimes and supports troubleshooting
- Cabling costs are reduced due to push-in technology and by expanding the number of contacts through plug-in connectors
- Ability to use contact expansion from the PNOZsigma range
- Narrow width saves space in the control cabinet (90 mm)



Use in Safety Lockout Systems (SLS)

The PNOZ s60 can be used as an essential component in Safety Lockout Systems (SLS) and, together with a small controller such as the PNOZmulti, ensures safe access to plant and machinery that are safely de-energized. The safe voltage monitor PNOZ s60 meets the requirements of UL 6420 for implementing SLS applications. The use of this simplifies the lockout tagout (LoTo) requirements applicable in the American market.

In order to meet individual industrial requirements, the voltage monitor PNOZ s60 operates with two adjustable thresholds of 12 V or the 6 V common in the food and beverage sector. The fast and simple diagnostics of the device is possible via integrated LEDs. This reduces downtimes to a minimum.

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PNOZ s60

<p>Technical features</p>	<ul style="list-style-type: none"> ▶ Meets the requirements of UL 6420 ▶ Output contacts: <ul style="list-style-type: none"> - 3 instantaneous safety contacts (n/o) - 1 auxiliary contact (n/c) ▶ 7 semiconductor outputs ▶ Universal power supply 24 – 48 VAC/DC, 100 – 240 VAC/DC ▶ Diagnostics via LED ▶ Width: 90 mm ▶ Plug-in connection terminals in spring-loaded or screw technology ▶ PNOZsigma contact expansion modules can be used ▶ Certifications: CCC, CE, EAC, TÜV, UL 								
<p>Order number</p>	<ul style="list-style-type: none"> ▶ PNOZ s60 C with push-in spring-loaded terminals <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">- 24 – 48 VAC/DC</td> <td style="text-align: right;">751 600</td> </tr> <tr> <td style="padding-left: 20px;">- 100 – 240 VAC/DC</td> <td style="text-align: right;">751 601</td> </tr> </table> ▶ PNOZ s60 with plug-in screw terminals <table style="width: 100%; border: none;"> <tr> <td style="padding-left: 20px;">- 24 – 48 VAC/DC</td> <td style="text-align: right;">750 600</td> </tr> <tr> <td style="padding-left: 20px;">- 100 – 240 VAC/DC</td> <td style="text-align: right;">750 601</td> </tr> </table> 	- 24 – 48 VAC/DC	751 600	- 100 – 240 VAC/DC	751 601	- 24 – 48 VAC/DC	750 600	- 100 – 240 VAC/DC	750 601
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Webcode:
web150099

Online information
at www.pilz.us