

Monitored PIT si1.2




Muting lamp in accordance with EN 61496 and VDE 0113-201

Features

- For applications in accordance with EN 954-1, up to Category 4
- Protection type IP65
- 2 semiconductor outputs to monitor the function of the filament

Approvals

	PIT si1.2
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Technical details	PIT si1.2
Electrical data	
Supply voltage	24 VDC
Voltage tolerance	+/-15 %
Residual ripple	max. 5 %
Power consumption	7 W
Semiconductor outputs	100 mA, short-circuit protected
External supply voltage for semiconductor outputs	24 VDC +/-15 %
Bulb	Type BA 15d, 24 VDC, 7 W
Environmental data	
EMC	EN 61496-1
Ambient temperature	0 ... +50 °C
Storage temperature	-25 ... +50 °C
Mechanical data	
Housing material	
Cover	PC clear
Base	ABS black
Dimensions	
Diameter	100 mm
Height	138.5 mm
Mounting position	Vertical
Cable entry	ISO 20 mm
Max. cross section of external conductors	
Single-core, flexible with crimp connectors	0.5 ... 1.5 mm ²
Torque setting for connections	0.5 ... 0.6 Nm
Protection type	IP65

Order reference	
Type	Order no.
PIT si1.2 incl. bulb, angle bracket and 2 screws	620 020
Order reference for accessories	
Type	Order no.
Bulb	620 100

Description

In muting mode, the operator must be made aware of the hazard that results from the suspension of the safety function. The PIT si1.2 muting lamp is specially designed for this purpose. It illuminates as soon as muting mode is started. 2 semiconductor outputs enable the function of the lamp to be monitored. If these outputs are monitored via an evaluation device that meets category 4 in accordance

with EN 954-1, the muting lamp may also be used up to category 4, if the necessary circuit measures are taken into account.