

Control and signalling devices

Control unit With 1 diode

Type SB550

8453/1-02-001 Art. No. 145169

STAHL



- Control element for customised equipping with numerous electric and electronic components
- Flameproof enclosure (Ex d) with screw terminals with increased safety (Ex e)
- Connection cross-section 0.75 to 2.5 mm², solid/finely stranded
- Simple mounting on mounting rail

MY R. STAHL 8453A



R. STAHL's 8453 series control units are components with type of protection flameproof enclosure (Ex d) for installation in enclosures with increased safety (Ex e). They contain electronic and electrical components such as resistors, diodes, voltage limiters or fuses. Thanks to their compact design, they are suitable for space-critical applications.

Technical Data

Explosion Protection

Application range (zones)	1, 2
IECEX gas certificate	IECEX PTB 06.0031 U
IECEX gas explosion protection	Ex db eb IIC T6 Gb
ATEX gas certificate	PTB 01 ATEX 1067 U
ATEX gas explosion protection	Ex II 2 G Ex db eb IIC T6 Gb
Certificates	ATEX (PTB), Brazil (ULB), IECEX (PTB)

Electrical Data

Peak cut-off voltage	50 V
Threshold voltage	0.65 V
Continuous limiting current	5 A

Ambient Conditions

Ambient temperature	-60 °C ... +50 °C
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Mechanical Data

Version	with 1 diodes
Degree of protection (IP)	IP20
Enclosure material	Polyamide
Silicone-free	Yes
Connection cross-section	2.5 mm ²
Max. connection cross section, solid	2,5 mm ²
Max. connection cross-section, finely stranded	2,5 mm ²
Weight	50 g
Weight	0.11 lb

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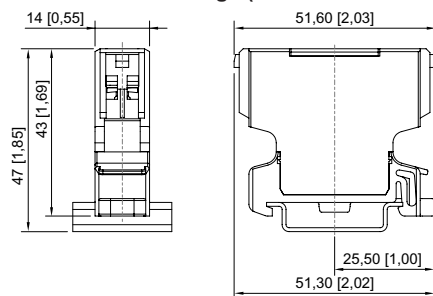
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Dimensional Drawings (All Dimensions in mm [inches]) – Subject to Alterations



We reserve the right to make alterations to the technical data, dimensions, weights, designs and products available without notice. The illustrations cannot be considered binding.