

D4618p

**EEx d Enclosures  
Flameproof Encapsulation  
in Light Metal  
Series 8261**

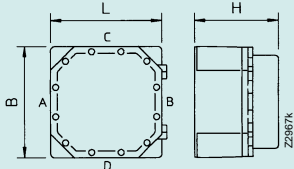
- Explosion protection to
  - CENELEC
  - IEC
- Can be used in Zone 1 and Zone 2
- 2 depths available
- Enclosure in die-cast alloy
- Options include: inspection window, keyboard, signal devices etc.
- Direct and indirect cable entries available

**STAHL**

Series 8261 enclosures are suitable for fitting standard electrical equipment such as switches, fuses and contactors. Control and display devices such as buttons, indicating lamps, etc., can be built into the hinged, ribbed cover. The enclosures are suitable for direct and indirect cable entries.

# Zone 1 and Zone 2

## Selection table

Version	Dimensions			Ordering code	Weight [kg]	
	Volume available for fittings [cm <sup>3</sup> ]	L [mm]	B [mm]			H [mm]
	6500	280	280	147	<b>8261/511</b>	10,9
	8980	280	280	211	<b>8261/512</b>	12,1

## Technical data

Explosion protection	EEx d II B T5/T6				
Test certificate	PTB Nr. Ex-93.C.1056 Other certificates: BKI (Hungary), CSA (Canada), SEV (Switzerland), TÜV Vienna (Austria), VNIIEF (Russia), FTZU (Czech Republic)				
Material of enclosure	Die-cast alloy				
Finish	Surface mounted: stove enamel textured finish, light grey, RAL 7032 if fitted in EEx e enclosures: none				
Lid fixing	M 8, head screw, lid with hinges				
Free available volume for fittings	8261/511: 6500 cm <sup>3</sup> 8261/512: 8980 cm <sup>3</sup>				
Inspection window	Design	Size [mm]	possible in enclosure		
			8261/511	8261/512	
	square	155 x 40	yes	no	
		155 x 90	yes	no	
	round	Ø 65	yes	yes	
Ø 80		yes	yes		
Ø 105		yes	yes		
Ø 150		yes	yes		
Rated working voltage	max. 1000 V				
Rated working current	max. 125 A				
Power dissipation	Enclosure	8261/511	8261/512		
	Surface mounting	100 W	69 W	116 W	77 W
	fitted in EEx e enclosure	56 W	39 W	61 W	41 W
	Temperature class	T5	T6	T5	T6
Barrier bushings	2 x M 42/48/56 threaded holes				
Connection	max. 35 mm <sup>2</sup> with conductor bushing 8174				

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## Dimensions, all dimensions in mm – subject to alteration

