Ethernet terminal
Series 8187

> For use in
> – Zone 1 and Zone 2
> In type of protection Ex e
> Easy connection thanks to cage clamp terminals
> Data rate up to 100 Mbit/s

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This terminal is designed for connection of Ethernet cables in hazardous areas. The connection technology commonly used for data transmission such as RJ45 plug connector can be used directly only in the safe area, while the Ethernet terminal with type of protection Ex e allows for the economical use in the Ex enclosure and simple mounting.
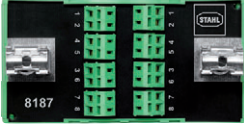
	ATEX / IECEx / GOST					
Zone	0	1	2	20	21	22
For use in		x	x			

WebCode   8187A

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Selection Table

Version		Order number	Art. no.	Weight
				kg
Ethernet terminal	15009E00	**8187 / 10 - 0**	**214286**	0.973

Explosion Protection

Global (IECEx)	
Gas	IECEx IBE 12.0029 U
	Ex e IIC Gb

Europe (ATEX)	
Gas	IBExU 12 ATEX 1085 U
	⟨Ex⟩ II 2 G Ex e IIC Gb

Certifications and certificates	
Certificates	IECEx, ATEX

Technical Data

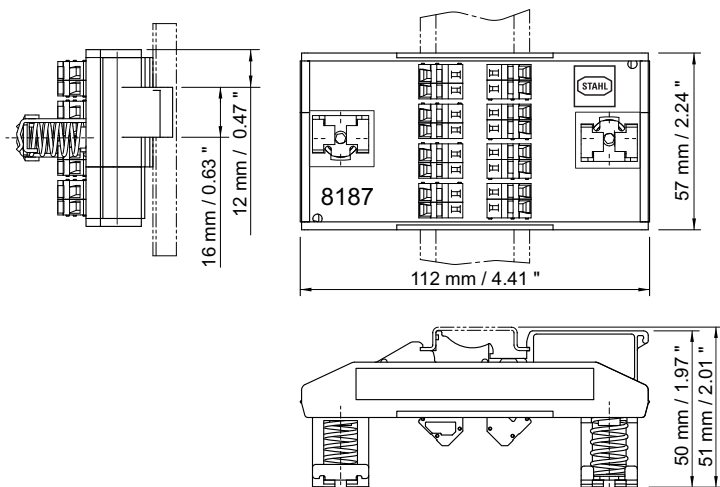| Electrical data	
Nominal voltage	60 V DC
Nominal current	0.5 A DC
Power Over Ethernet	Yes
Transfer rate	100 Mbit/s
Connection cross-section	0.2 ... 1.5 mm^2 (AWG 24 ... 16) finely stranded
	0.2 ... 2.5 mm^2 (AWG 24 ... 14) solid

Ambient conditions	
Ambient temperature	-40 ... +60 °C

Mechanical data	
Enclosure material	polyester
Connection type	Spring cage terminal
Degree of protection	IP20
Assembly	can be snapped onto the 35 mm mounting rail
Dimensions (W x H x D)	57 x 112 x 51 mm

Dimensional Drawings (All Dimensions in mm / inch) - Subject to Modifications

8187 Ethernet terminal

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.