

- Ex e terminal box type 8146, made of polyester resin, IP66
- Ambient temperature: -40 °C to +65 °C
- ATEX / IECEx; Zone 1, 2, 21, 22

MY R. STAHL



The terminal box is made of impact-resistant glass fibre reinforced polyester resin and is designed in accordance with Ex e (increased safety). It meets the requirements of IP66, making the terminal box ideal for use in harsh and hazardous environments.

## Technical Data

General	
Version	JCT-EC-9x2-FO-BOX-SM
Explosion Protection	
Application range (zones)	1, 2, 21, 22
Scope	EU (CE / ATEX) Global (IECEX)
IECEX certification	IECEX PTB 06.0090
ATEX certification	PTB 01 ATEX 1024
IECEX gas explosion protection	Ex eb [op is Ga] IIC T4 Gb
ATEX gas explosion protection	⊕ II 2(1) G Ex eb [op is Ga] IIC T4 Gb
Ambient Conditions	
Temperature range	-40 °C ... +65 °C
Mechanical Data	
Dimensions (WxHxD)	340.5 mm x 340.5 mm x 91 mm
Enclosure	Polyester resin, glass fibre reinforced
Ingress protection	IP66
Weight	3.4 kg
Weight	7.5 lb

#### Mechanical Data

##### Scope of delivery

Terminal box equipped with:

Terminal blocks:

-XH1

1x 283117 STX DIN rail distributor with 6xLC duplex (single-mode)

-XD2

4x PT-2.5 gray (labeled: 1 – 4)

1x PT-2.5 green-yellow (labeled: PE)

-XD1

2x PT-2.5 gray (labeled: L, L)

2x PT-2.5 blue (labeled: N, N)

2x PT-2.5 green/yellow (labeled: PE, PE)

Cable entries (terminal area) (use):

1x CMP-20S-C2K (9.5 ... 15.9 mm) (fiber optic)

1x CMP-25S-C2K (14 ... 22 mm) (water tank)

1x CMP-20S-C2K (9.5 ... 15.9 mm) (power supply)

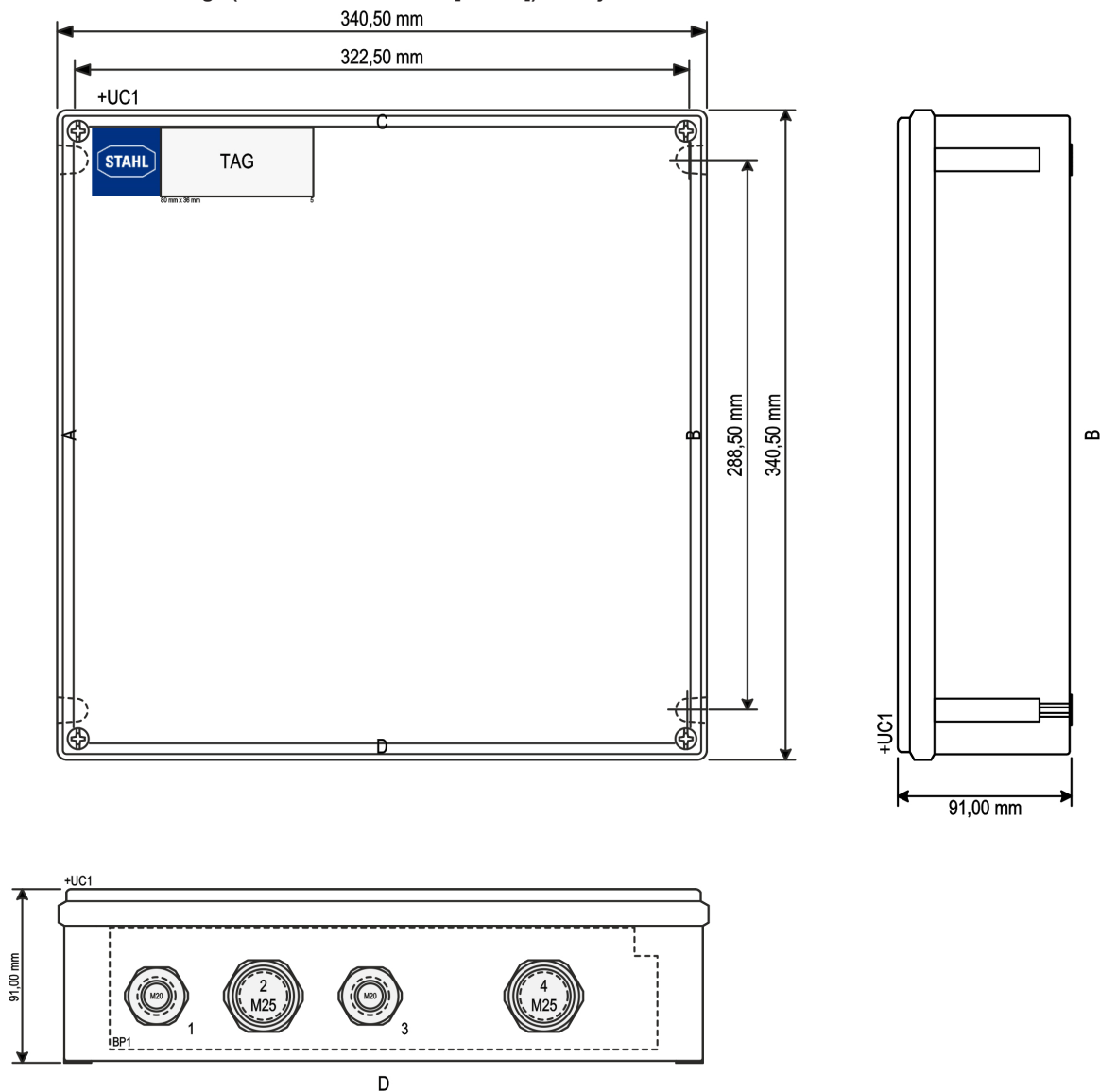
1x CMP-25C2KVAR (18.2 ... 26.2 mm) (camera multi-cable)

Cable entries, enclosed loose:

2x 8161-M20 with red blanking plugs

2x 8161-M25 with red blanking plugs

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.