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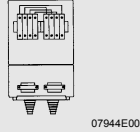
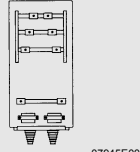
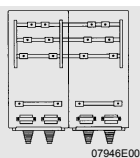
Cable End Boxes Series 8146

- Explosion protection to
 - CENELEC
 - IEC
- Can be used
 - in Zone 1 and Zone 2
 - in Zone 22
- Enclosures in glass fibre-reinforced polyester resin
- Installation of terminals from $\geq 35 \text{ mm}^2$ up to max. 185 mm^2
- Rated currents up to max. 400 A depending on enclosure version and size
- Degree of protection IP 55

Terminals with clamping range $\geq 35 \text{ mm}^2$ are installed in series 8146 cable end boxes. The entry and exit leads are brought into the enclosures through split cable entry plates and fixed in the enclosures with strain relief clamps.

The cable entry plates are fitted with rubber sleeves which can be cut to fit; this allows cables with a diameter up to 60 mm to be brought in.

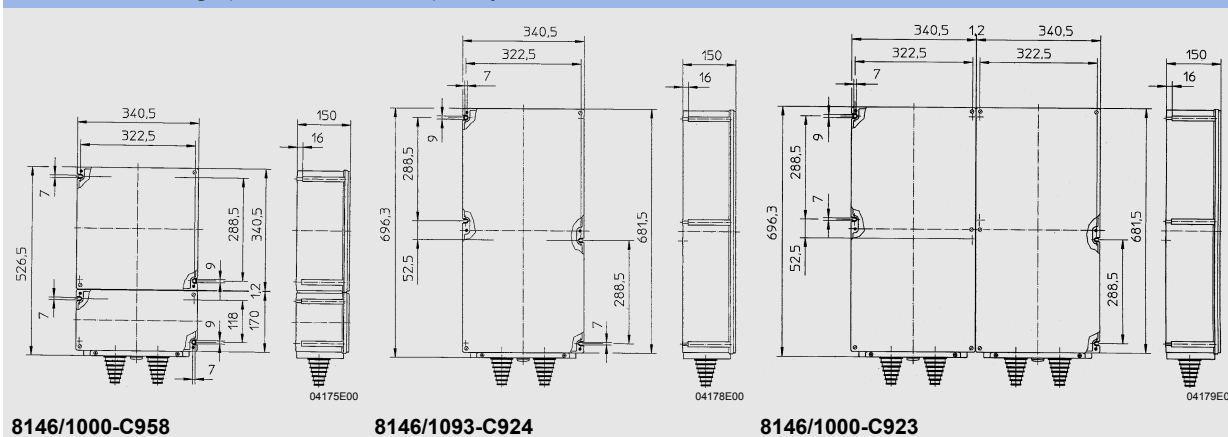
Zones 1 & 2, 22

Selection table						
Version	Terminals	Rated current at temperature class	PE-terminals	Arrangements	Ordering code	Weight
Cable End Boxes in Polyester Resin Series 8146	6 line-up terminals 70 mm ²	160 A / T5 125 A / T6	70 mm ² (2 pieces)	 07944E00	8146/1000-C958	9,500 kg
	6 stud terminals 185 mm ²	400 A / T5 315 A / T6	185 mm ² (2 pieces)	 07945E00	8146/1093-C924	14,000 kg
	12 stud terminals 185 mm ²	400 A / T5 315 A / T6	185 mm ² (4 pieces)	 07946E00	8146/1000-C923	28,700 kg

Technical Data			
Version	8146/1000-C958	8146/1093-C924	8146/1000-C923
Explosion protection			
Gas explosion protection	⊕ II 2 G EEx e II T6 or T5		
Dust explosion protection	⊕ II 3 D T80 °C or T95 °C		
Certificates			
Gas explosion protection	PTB 01 ATEX 1016		
Dust explosion protection			
Rated voltage	max. 750 V		
Ambient temperature	- 20 °C ... + 40 °C		
Degree of protection	IP 55		
Rated current at temperature class	160 A / T5 125 A / T6	400 A / T5 315 A / T6	400 A / T5 315 A / T6
Terminals	6 line-up terminals 70 mm ² ; 2 PE-terminals 70 mm ²	6 stud terminals M 12 185 mm ² ; 2 PE-terminals 185 mm ²	12 stud terminals M 12 185 mm ² ; 4 PE-terminals 185 mm ²
Internal wiring	Conductor NSGAFöu 70; 70mm ²	Copper bar 20 x 10 mm (E-Cu F30)	Copper bar 20 x 10 mm (E-Cu F30)
Cable glands	Cable entry plate with 2 rubber cable seals for cables with diameters 20 ... 60 mm		



Dimension drawings (all dimensions in mm) - subject to alterations



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