



Cable End Boxes Series 8146

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- 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

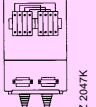
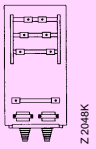
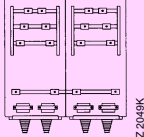
STAHL

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.

Zone 1 and Zone 2

Selection table

Terminals	Rated current for temperature class	PE-terminals	Arrangements	Ordering code	Weight [kg]
6 line-up terminals 70 mm ²	160 A / T5 125 A / T6	70 mm ² (2 pieces)		8146/1000 – C 958	9,5
6 stud terminals 185 mm ²	315 A / T5 315 A / T6	185 mm ² (2 pieces)		8146/1093 – C 924	14,0
12 stud terminals 185 mm ²	400 A / T5 315 A / T6	185 mm ² (4 pieces)		8146/1000 – C 923	27,0

Technical data

Version	8146/1000 – C 958	8146/1093-C 924	8146/1000-C 923
Explosion protection	EEx e II T5 or T6		
Test certificate	PTB Nr. Ex-94.C.3147		
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	315 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 M12 185 mm ² ; 2 PE-terminals 185 mm ²	12 stud terminals M12 185 mm ² ; 4 PE-terminals 185 mm ²
Internal wiring	Conductor NSGAFöu 50; 50 mm 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		

STAHL

Dimensions, all dimensions in mm – subject to alteration

