




Junction Boxes Series 8102

- Explosion protection to
 - CENELEC
 - IEC
- Can be used in Zone 1 and Zone 2
- Equipped with 4 hood type terminals and 1 PE connection
 - Cable diameter range:
2 x 4 mm², single wire
- Robust polyester resin enclosure
- Degree of protection IP 56

The 8102 series of junction boxes is used for carrying and distributing electrical power in hazardous areas. The boxes are made of glass fibre reinforced polyester resin.

Zone 1 and Zone 2

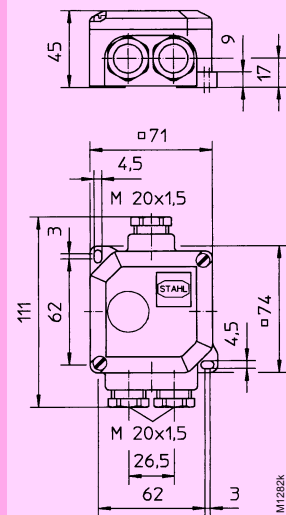
Selection table

Version	Description	Ordering code	Weight [kg]
 <p>8102 Junction box</p>	equipped with		
	3 cable glands M 20 x 1,5		
	<p>EEEx e</p> <p>EEEx i</p>	<p>8102/21 – 3</p> <p>8102/22 – 3</p>	<p>0,2</p> <p>0,2</p>

Technical data

Explosion protection	EEEx de II C T6
Test certificate	PTB Nr. Ex-93.C.3163 Other certificates: BVS (Germany), SEV (Switzerland), SCC (Australia), BKI (Hungary), FTZU (Czech Republic), NEMKO (Norway), TÜV Vienna (Austria)
Versions	EEEx e- and for EEEx i-circuits
Enclosure material	Polyester resin
Cover fixing	M 4, cheese head screws
Rated voltage	690 V, AC
Rated current	max. 27 A
Terminals	4 terminals, 1 PE terminal for 2 x 4 mm ² solid
Type of terminal	hood type terminal
Cable entries	8102/2. – 3: integral sealing gland M 20 x 1,5
Ambient temperature	– 20° C ... + 80° C
Degree of protection	IP 56



Dimensions,
all dimensions in mm –
subject to alternations



8102
Junction box

STAHL

Accessories and spare parts

Description	Illustration	Description	Ordering code	Weight [kg]
Cable integral sealing gland	 S 0003P	M 20 x 1,5; 3 pieces	81 948 083 70	0,004
Stopping plug	 S 0005P	M 20 x 1,5	82 900 085 90	0,005