



# System overview

FE180 E30/E90 5G6 mm<sup>2</sup>

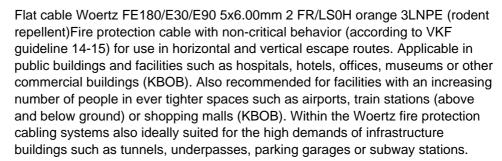


Woertz fire safety system FE180 E30/E90 5G6 mm² for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.

### Components



#### 48750OR - Flat cable FE180/E90 5G6 orange







#### 48753 - Junction box FK E90 5G6 M20 Ø8-15

Fire safety box IP66/IP68, 2-screw contacting for stripping-free feeding and branching, with screw connection for heavy current 5G6 mm², lengthwise outgoing, incl. 2 x cable glands M20x1.5, with a clamping range of Ø 8-11 mm and Ø 11-15 mm respectively





#### 48753/02 - Box FC E90 5G6 junction M20 D:8-11

null





#### 48753/03 - Box FC E90 5G6 junction M20 D:11-15

null





## 48755 - Junction box FK E90 5G6 M25 Ø12.5-20.5

Fire safety box IP66/IP68, 2-screw contacting for stripping-free feeding and branching, with screw connection for heavy current 5G6 mm², lengthwise outgoing, incl. 2 x cable glands M25x1.5, with a clamping range of Ø 12.5-16 mm and Ø 16-20.5 mm respectively





#### 48755/01 - Box FC E90 5G6 junction M20 D:12.5-16

null







# **System overview**

FE180 E30/E90 5G6 mm<sup>2</sup>

C. C	48755/02 - Box FC E90 5G6 junction M20 D:16-20.5	
	48753/SI - Box FC E90 5G6 with fuse	
	Branching box E90 with fuse adapter IP66/68 for flat cable FE180 E90 5G6.0mm <sup>2</sup> with 3 cable glands M20x1.5 Ø6.0 -15.0mm Project specific design on request (see Document/G00'299)	
	48511/42 - End cap with mastic IP68 42/15 105mm	
	Cable end piece shrink - end cap, diameter 42 mm, after shrinkage 15 mm, length 105 mm, black. Inside coated with adhesive and sealant.	
	48959 - End box FK E90 5G2.5/4/6 mm² with end cap IP68	
	null	
	48958 - Feed/connection box FK E90 5G6/4/2.5 mm² with heat shrink	
	Feed / junction box E90, for feeding ( round cable - flat cable) or connection ( flat cable - flat cable) for flat cable 5G6/4/2.5 mm². With heat shrink tubing IP66/68Use with core sleeves also applicable with flat cable 5G6 mm² without functional integrity (Art.48780/FRNC)	
and the same of th	49935 - Cutting shears up to 6 mm²	
	Woertz flat cable shears up to 5x6 mm² (with higher force up to 5x16 mm²)	
	49371 - Fixing clamp 5G2.5/4/6 mm² E90	
	Mounting distance: 800 mm	
	49386 E90 - Riser clamp E90	
	Max. Bride load: 50kg. For Woertz fire safety flat cable: Woertz FE180 3G2.5 and 4 mm², Woertz FE180 5G2.5, 4 6 mm². For Woertz flat cable: Woertz Technofil 5G2.5 1.5 mm², Woertz power 5G2.5 mm², Woertz Power IP 5G2.5 mm² 6 mm², Woertz combi 5G2.5 mm² 2x1.5 mm², Woertz Dali IP 5G2.5 mm² 2x1.5 mm², Woertz Dali 3/5G2.5 mm² 2x1.5 mm², Woertz 5G4 mm², Woertz 7G2.5 mm².	
	48354 - Retaining plate for junction box (48353/48653/48753)	
	Retaining plate for junction box 48353-55/48653-55/48753-55	