



System overview

FE180 E30/E90 5G2.5 mm²



Woertz Fire Safety System FE180 E30/E90 5G2.5 mm² for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.

Components



48350OR - Flat cable FE180/E90 5G2.5 orange

Flat cable Woertz FE180/E30/E90 5x2.50mm 2 FR/LS0H orange 3LNPE (rodent repellent) Fire protection cable with non-critical behavior (according to VKF guideline 14-15) for use in horizontal and vertical escape routes. Applicable in public buildings and facilities such as hospitals, hotels, offices, museums or other commercial buildings (KBOB). Also recommended for facilities with an increasing number of people in ever tighter spaces such as airports, train stations (above and below ground) or shopping malls (KBOB). Within the Woertz fire protection cabling systems also ideally suited for the high demands of infrastructure buildings such as tunnels, underpasses, parking garages or subway stations.



48353 - Junction box FK E90 5G2.5 M20 Ø 6-15

Fire safety box IP66/IP68, 2-screw contacting for stripping-free feeding and branching, with screw connection for heavy current 5G2.5 mm², lengthwise outgoing, incl. 3 x cable glands M20x1.5, with a clamping range of Ø 6-8 mm, Ø 8-11 mm and Ø 11-15 mm respectively



48353/01 - Box FC E90 5G2.5 junction M20 D:6-8

null



48353/02 - Box FC E90 5G2.5 junction M20 D:8-11

Fire safety boxes IP66/IP68, incl. cable gland, 2-screw contacting, for stripping-free feeding and branching, with screw connection for heavy current 5P2.52 , longitudinal, thread M20x1.5



48353/03 - Junction box FK E90 5G2.5 M20 Ø 11-15 mm



















Fire safety box IP66/IP68, 2-screw contacting for stripping-free feeding and branching, with screw connection for heavy current 5G2.5 mm², lengthwise outgoing, incl. 1 x cable gland M20x1.5, with a clamping range of Ø 11-15 mm





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	<p>48353/SI - Box FC E90 5G2.5 with fuse</p> <p>Branching box E90 with fuse adapter IP66/68 for flat cable FE180 E90 5G2.5mm² with 3 cable glands M20x1.5 Ø6.0 -15.0mm Project specific design on request (see Document/G00'299)</p>	
	<p>48355 - Junction box FK E90 5G2.5 M25 Ø 12.5-20.5</p> <p>Fire safety box IP66/IP68, 2-screw contacting for stripping-free infeed and branching, with screw connection for high voltage 5G2.5 mm², outgoing lengthwise, incl. 3 x cable glands M25x1.5, each with a clamping range of Ø 12.5-16 mm, and Ø 16-20.5.</p>	
	<p>48355/01 - Box FC E90 5G2.5 junction M25 D:12.5-16mm</p> <p>null</p>	
	<p>48355/02 - Box FC E90 5G2.5 junction M25 D:16-20.5</p> <p>Fire safety boxes IP66/IP68, incl. cable gland, 2-screw contacting, for stripping-free feeding and branching, with screw connection for heavy current 5P2.52 , longitudinal, thread M25x1.5</p>	
	<p>48511/42 - End cap with mastic IP68 42/15 105mm</p> <p>Cable end piece shrink - end cap, diameter 42 mm, after shrinkage 15 mm, length 105 mm, black. Inside coated with adhesive and sealant.</p>	
	<p>48959 - End box FK E90 5G2.5/4/6 mm² with end cap IP68</p> <p>null</p>	
	<p>48958 - Feed/connection box FK E90 5G6/4/2.5 mm² with heat shrink</p> <p>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 IP66/68 Use with core sleeves also applicable with flat cable 5G6 mm² without functional integrity (Art.48780/FRNC)</p>	
	<p>49935 - Cutting shears up to 6 mm²</p> <p>Woertz flat cable shears up to 5x6 mm² (with higher force up to 5x16 mm²)</p>	
	<p>49371 - Fixing clamp 5G2.5/4/6 mm² E90</p> <p>Mounting distance: 800 mm</p>	



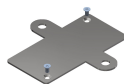
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49386 E90 - Riser clamp E90

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

