



## System overview

FE180 E30/E90 5G16 mm<sup>2</sup>



Woertz fire safety system FE180 E30/E90 5G16 mm<sup>2</sup> for power supply of safety-relevant elements, such as emergency and escape route lighting, smoke extraction systems or fire department elevators.

## Components



### 48950OR - Flat cable FE180/E90 5G16 orange

Flat cable Woertz FE180/E30/E90 5x16mm 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.



### 48953/01 - Box FC E90 5G16 junction M20 D:6-8

null



### 48953/02 - Box FC E90 5G16 derivation M20 D:8-11

Fire safety boxes IP66/IP68, incl. cable gland, 2-screw contacting, for stripping-free branching, with screw connection for heavy current 5P 4mm<sup>2</sup> (6mm<sup>2</sup>), longitudinal, thread M20x1.5



### 48953/03 - Junction box for fire safety flat cable E90 5G16 M20 D:11-15

Fire safety boxes IP66/IP68 for fire safety flat cable E90 5G16, incl. cable gland, 2-screw contacting, for stripping-free branching, with screw connection for heavy current 5P 4mm<sup>2</sup> (6mm<sup>2</sup>), longitudinal, thread M20x1.5.



### 48955/01 - Box FC E90 5G16 junction M25 D:12.5-16

null



### 48955/02 - Box FC E90 5G16 junction M25 D:16-20.5
















Fire safety boxes IP66/IP68, incl. cable gland, 2-screw contacting, for stripping-free branching, with screw connection for heavy current 5P 4mm<sup>2</sup> (6mm<sup>2</sup>), longitudinal, thread M25x1.5





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	<p><b>48953/SI - Box FC E90 5G16 with fuse</b></p> <p>Branching box E90 with fuse adapter IP66/68 for flat cable FE180 E90 5G16mm<sup>2</sup> with 3 cable glands M20x1.5 Ø6.0 -15.0mm Project specific design on request (see Document/G00'299)</p>	
	<p><b>48956 - Supply/connection box FK E90 5G16 IP68 with shrink tube</b></p> <p>Supply / connection box E90, for supply (round cable - flat cable) or connection (flat cable - flat cable) for flat cable 5G16mm<sup>2</sup>. With shrink tube IP66/68.</p>	
	<p><b>48957 - Endbox FC E90 5G16 with cap IP68</b></p> <p>null</p>	
	<p><b>48511/55 - End cap with mastic IP68 55/25 165mm</b></p> <p>thermoretractable end cap, diameter 55mm ,25mm after retractation, length 165mm , black.Provided with adhesive and sealing compound inside.</p>	
	<p><b>49937 - Woertz flat cable lever cutter from 10mm<sup>2</sup></b></p> <p>Lever cutter for flat cable of 10 mm<sup>2</sup> and more</p>	
	<p><b>49379 - Cable fastening clamp 5G16mm<sup>2</sup> E90</b></p> <p>Mounting distance: 800mm</p>	
	<p><b>49387 E90 - Riser clamp E90</b></p> <p>Max. Bride load: 50kg. For Woertz fire safety flat cable: Woertz FE180 5G16mm<sup>2</sup> and 5G25mm<sup>2</sup>. For Woertz flat cable: Woertz power 5G16mm<sup>2</sup> and 5G25mm<sup>2</sup>.</p>	
	<p><b>48954 - Retaining plate to box 48953/48955</b></p> <p>Retaining plate for junction box 48953/48955</p>	