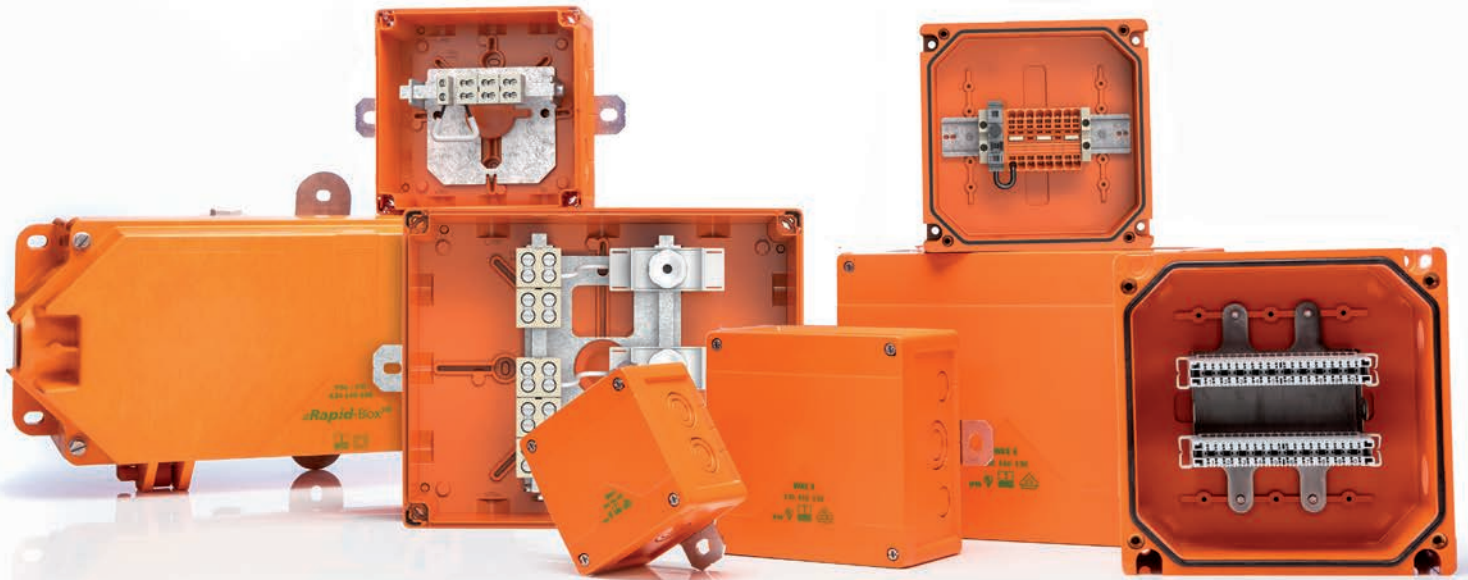




safe.inspiring.green.

Electrical functional integrity
Connecting | Junction | Distributing



Smart fire protection solutions from a single source

LIFELINE is the technology for life. With the knowledge and experience of our competent staff, we take responsibility every day to make the world a little safer. The smart fire safety solutions of LIFELINE offer first-class quality, which can be relied upon in emergencies. LIFELINE protects all life and assets without compromises and guarantees the best form of sustainable fire safety.

Only reliable products can ensure the electrical functional integrity and protect life in case of fire. LIFELINE guarantees the function of life-saving electrical systems in buildings and tunnels, such as emergency lighting and smoke extraction systems in escape and rescue routes. As a leading manufacturer of high quality junction and connection boxes, Spelsberg has always been strongly positioned with the LIFELINE brand for the development of fire protection solutions, particularly in these product segments.

LIFELINE junction boxes provide electrical functional integrity between 30 and 90 minutes in the event of a fire. In doing so, the classes E30 to E90 identify the minimum duration for the functional integrity of the electrical systems. LIFELINE ensures that the function of fire alarm systems, acoustic systems, emergency lighting or elevators with evacuation function is maintained for at least 30 minutes during an emergency. And in the case of pressure boosting systems for the extinguishing water supply, smoke and heat exhaust ventilation systems or for fire brigade lifts for at least 90 minutes. Guaranteed.

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Functional integrity

...saves life

E30

Ensuring the functional integrity for at least **30 minutes**, e.g., for:

- Fire alarm systems
- Acoustic systems
- Emergency lighting
- Elevators with evacuation function for warning, escape and/or rescue

E90

Ensuring the functional integrity for at least **90 minutes**, e.g., for:

- Pressure boosting systems for supply of extinguishing water
- Smoke and heat extraction systems
- Fire brigade lifts for extinguishing and/or rescue

The classes **E30** to **E90** identify the minimum duration for the functional integrity of electrical systems.

Pre-selection

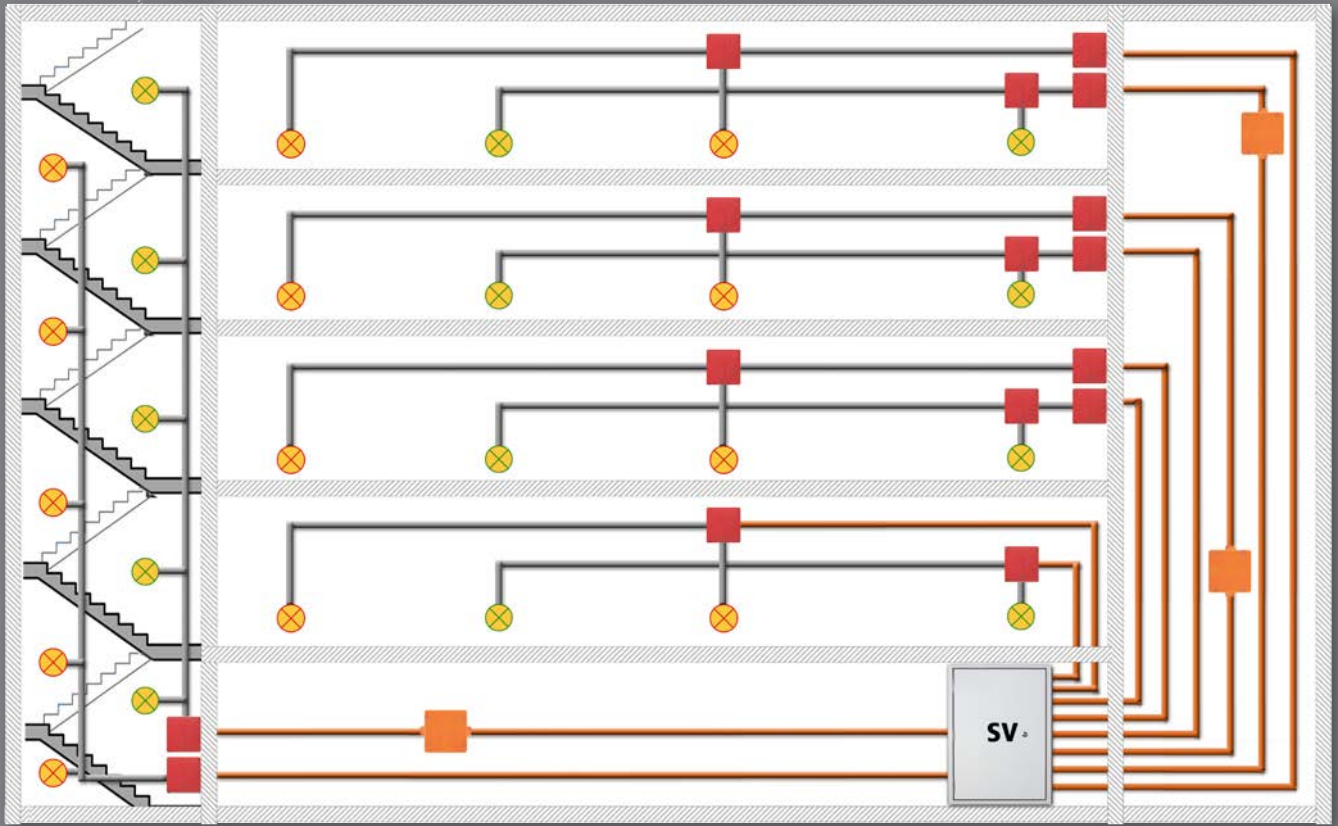
for your application

		Functional integrity		
		E30	E60	E90
Properties	IP66 IK08	WKE 2-6		
	IP66 IK08	WKE 200-400 SL	/	
	IP66 IK08	WKE 6 T		
	IP66, IP67 IK09	Rapid-Box ^{HT}		

		Functional integrity		
		E30	E60	E90
Connection cross-section in mm ²	0,5 ² - 16 ²	WKE 2-6		
	1,5 - 16 ²	WKE 200-400 SL	/	
	1,5 ² - 16 ²	WKE 6 T		
	2,5 ² - 50 ²	Rapid-Box ^{HT}		

WKE

for connect and branch circuits



AV: General power supply

SV: Safety current supply



WKE 2-6
(without fuse)



WKE 200-400 SL
(without fuse)

NEW!

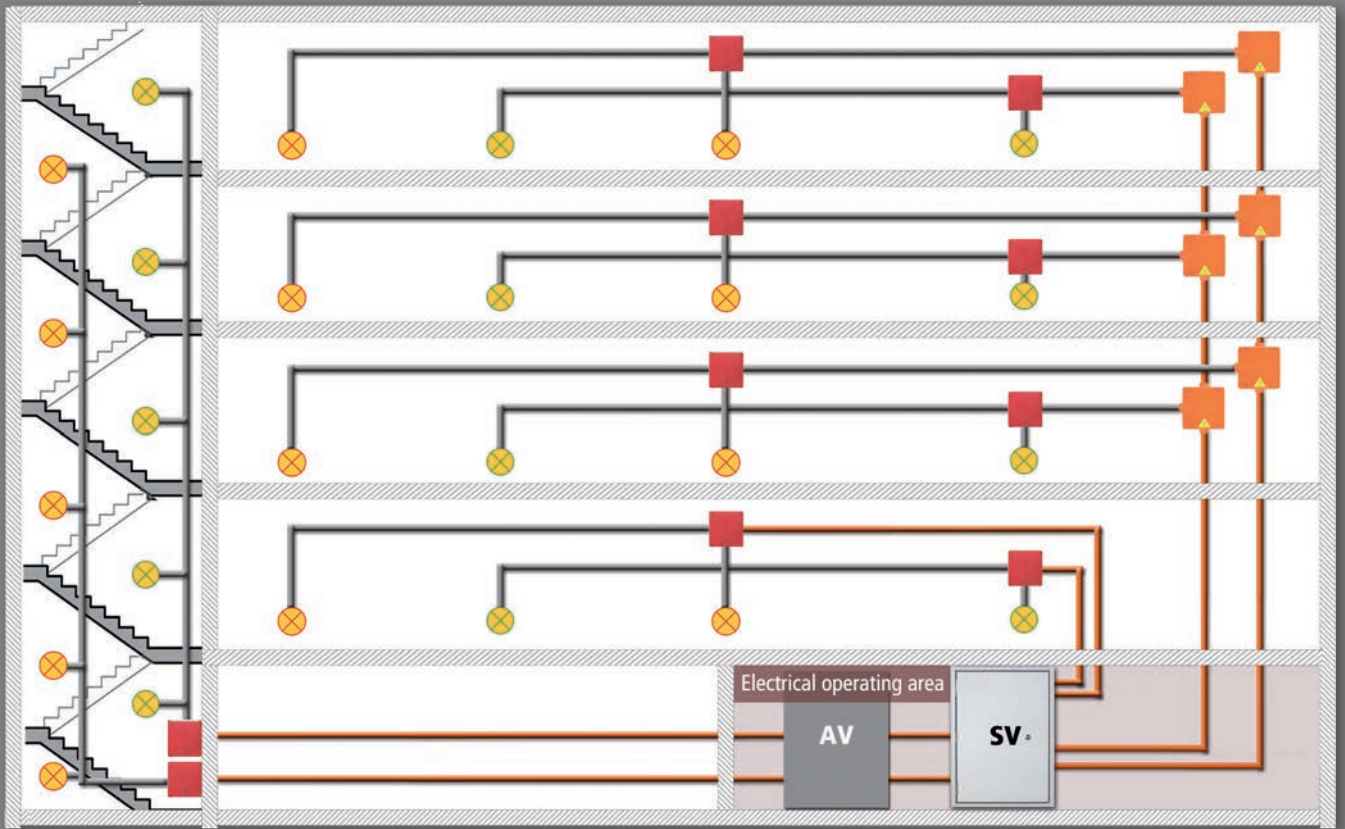


WKE BK 1 Mounting Plate

NEW!

WKE

for fused branch



AV: General power supply

SV: Safety current supply



WKE 4-6
(with fuse)



WKE 200-400 SL
(with fuse)

NEW!

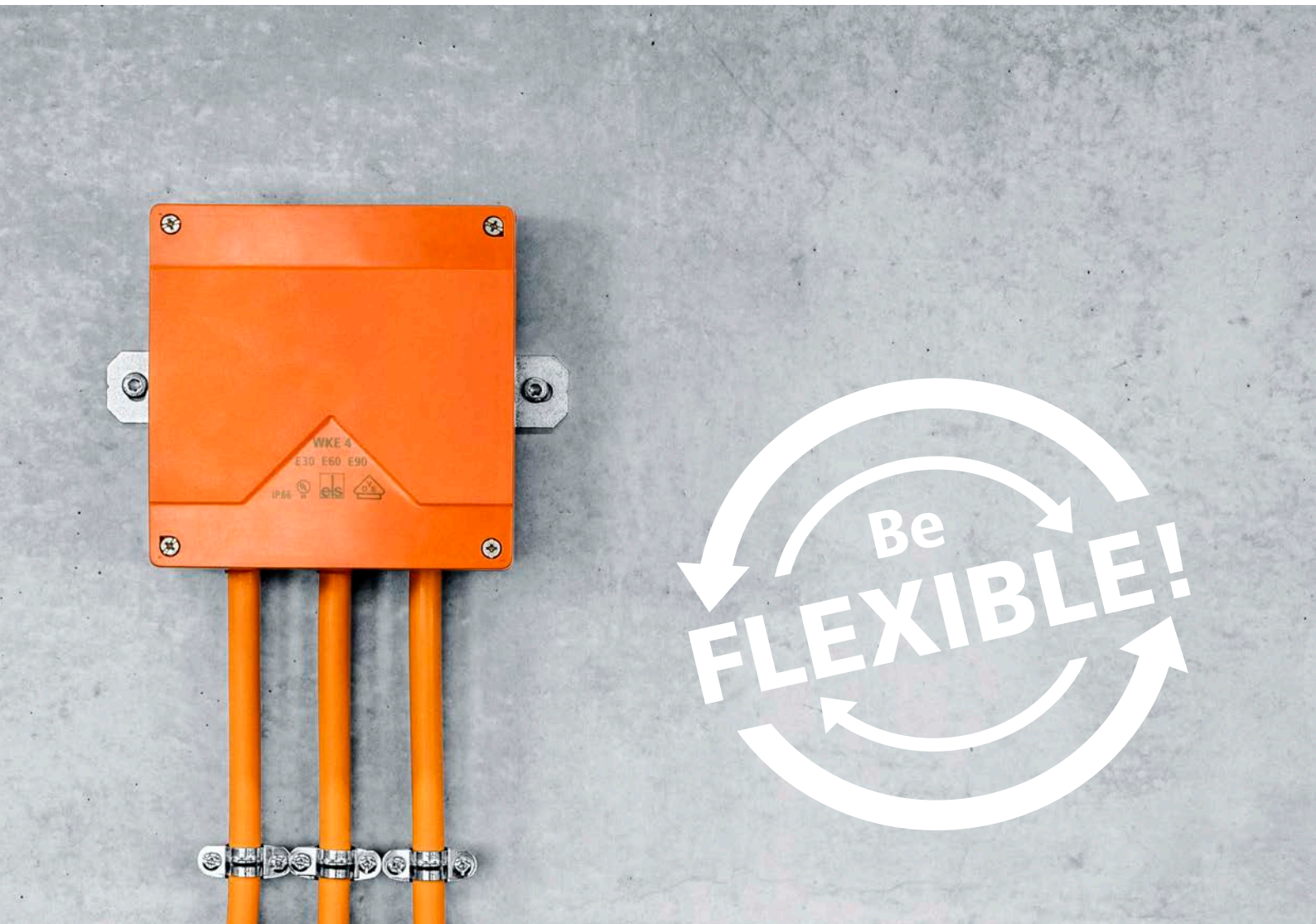


WKE 6 T
(with fuse)

NEW!

WKE 2-6

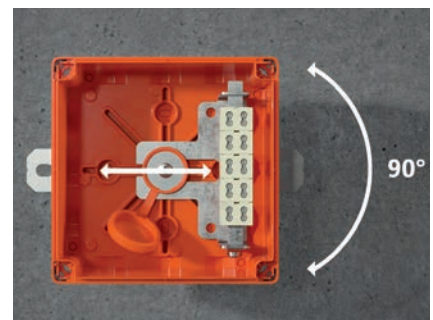
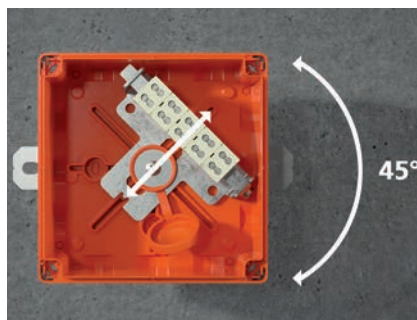
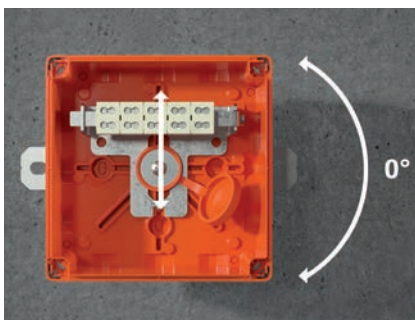
... be flexible!

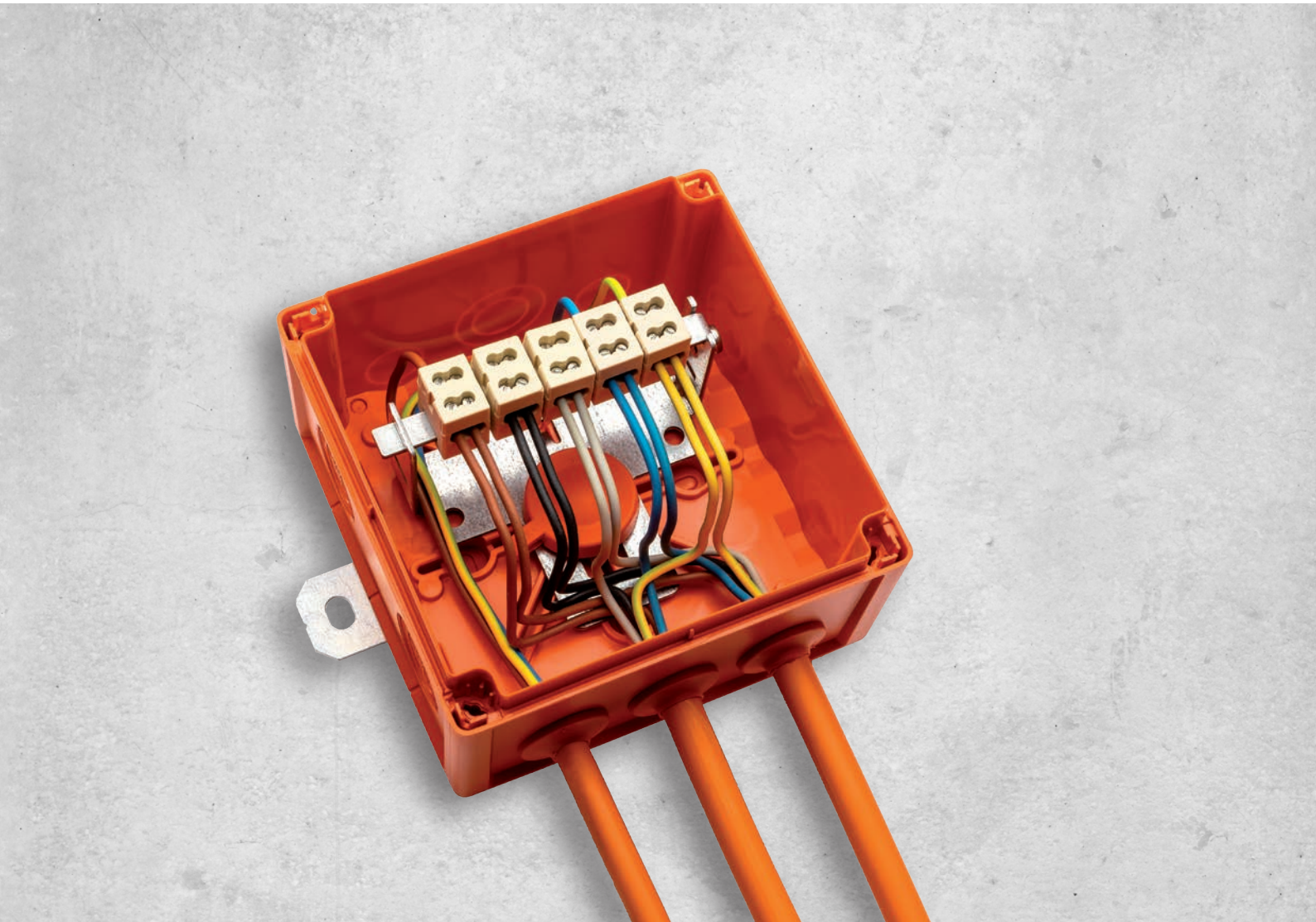


Planning freedom saves time and cost for you

- Clear and variable positioning of the base carrier through **simple** rotation in steps of 45°

- Step-less positioning of the longitudinal axis





An easy, quick and safe installation

- Central fixing through just one screw
- Accessible at any time
- All cable entries can be used with terminal in high position

Position above:

- easy handling of the wires
- Possible to mount the cables by adhering to the bending radius
- All cable entries can be used without restrictions

Position below:

- ideal for special solutions
- Use of D0 fuses (for WKE 6)



WKE 2-6

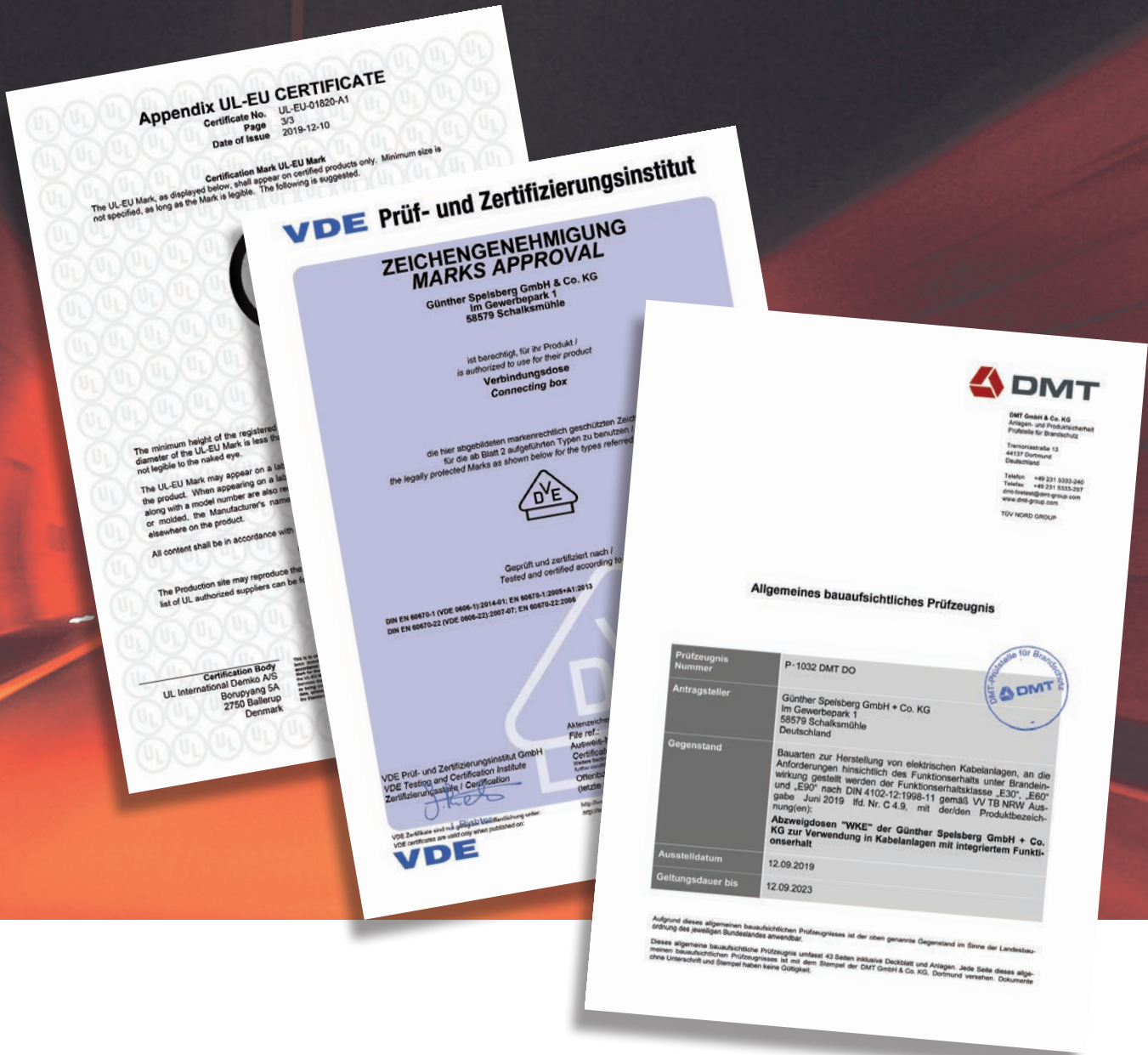
Extremely robust for your safety



- High protection class IP66
- Impact strength IK08
- Ideal for special solutions
e.g., in tunnels
- External fixing lugs and cover screws
optionally in stainless steel V4A
- High strength of the box

WKE 2-6

Planning freedom while selecting the cable



A high range of tested cables...

for example from Dätwyler Cables GmbH, LEONI AG and Kabelwerk Eupen AG

WKE 2-6

... be flexible!



Cover retaining strap

- + can be used optionally by the installer



Knockouts with multiple options

- + optimised positioning of the knockouts
 - adjusted to the fixing systems
 - Locking of counter nuts
- + patented knockouts
 - integrated knockout points
 - easy and clean knocking-out
- + centre markings on the boxes and external fixing lugs



External fixing lugs

- + pre-mounted for a fast installation
- + can be rotated by 90°
- + ensures correct mounting



Extensive international certifications



DIN 4102-12

Functional integrity E30 / E60 / E90



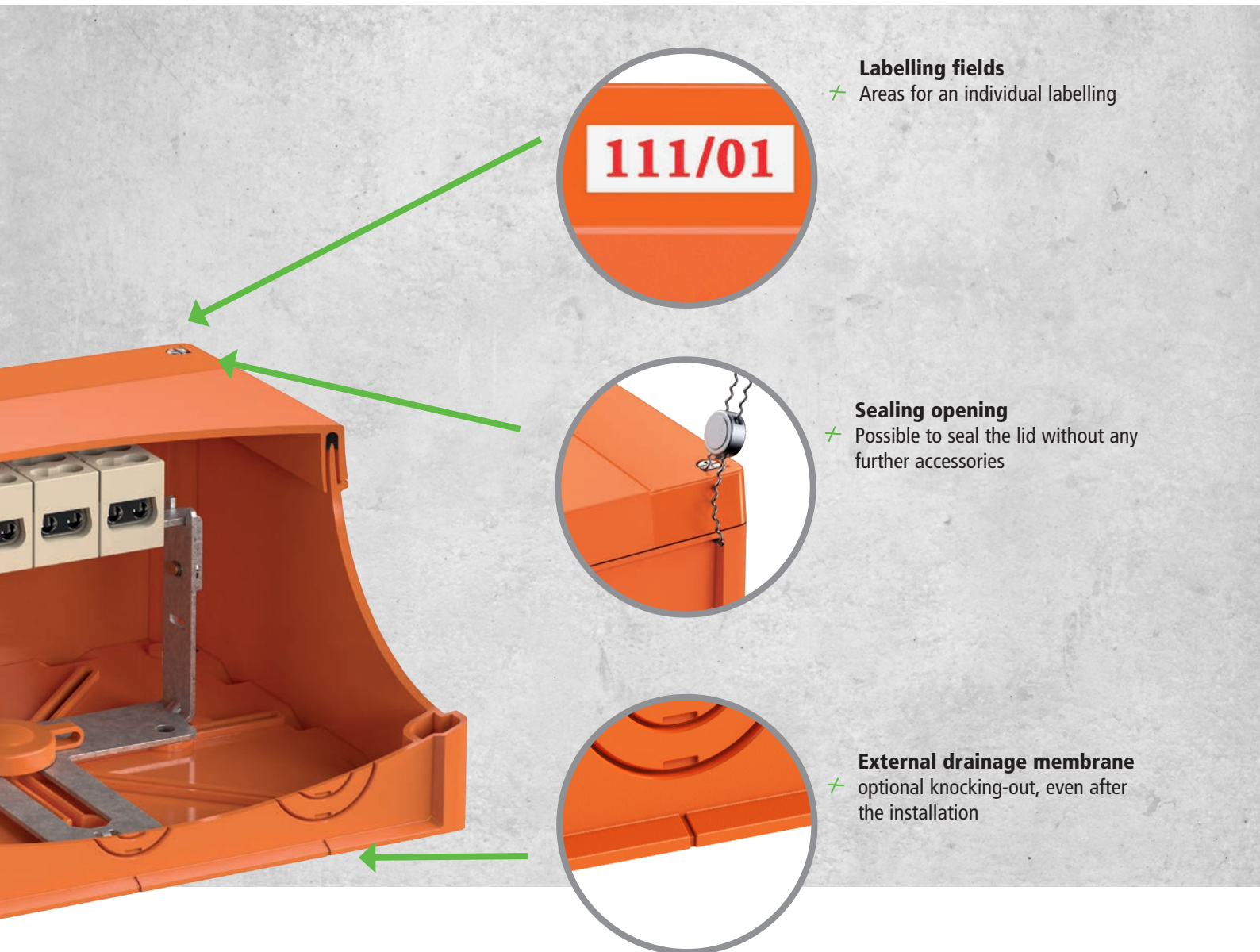
EN 60670

Junction and connection boxes



IEC 62208 & IEC 61439

Empty housing & switching device combinations



Labelling fields

+ Areas for an individual labelling

111/01

Sealing opening

+ Possible to seal the lid without any further accessories

External drainage membrane

+ optional knocking-out, even after the installation

Further relevant information on the topic of functional integrity is available at:

www.spelsberg.com/WKE



WKE 2-6

for connecting and junction



Electrical functional integrity E30-E90 according to DIN 4102 part 12
(with ceramic terminals 0,5 to 16 mm²)

- The right solution for each cross-section and application
- Quick mounting through external fixing
- General construction-supervisory test certificate (AbP)
- Installation material such as screw anchors and double membrane seals included
- Completely pre-assembled
- VDE and UL-EU certified
- Ideal for building technology



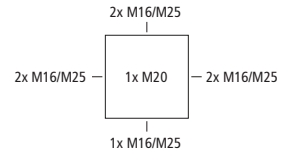
Electrical functional integrity

WKE 2-6 for Connect and Branch Circuits

WKE 2 - 5 x 1,5² 100 x 100 x 70 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M16/M25, (1 Rear, 7 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

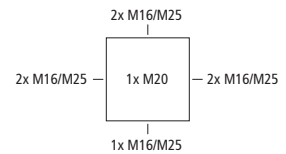
Cover retaining straps, screw anchors, 4 off double membrane seals IP66 M25 sealing area 9 - 16 mm

Description	Order no.
WKE 2 - 5 x 1,5² orange, Connection box, 5-pole, 0.5 - 4 mm ² , junction box 5-pole 0.5 - 1.5 mm ² , number of clampable wires per pin: 8 x 0.5 ² / 4 x 0.75 ² / 6 x 1 ² / 6 x 1.5 ² / 2 x 4 ²	86650201

WKE 2 - 3 x 4² 100 x 100 x 70 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M16/M25, (1 Rear, 7 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

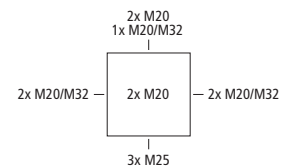
Cover retaining straps, screw anchors, 4 off double membrane seals IP66 M25 sealing area 9 - 16 mm

Description	Order no.
WKE 2 - 3 x 4² orange, Connection box, 3-pole, 1 - 6 mm ² , junction box 3-pole 1 - 4 mm ² , number of clampable wires per pin: 10 x 1 ² / 8 x 1.5 ² / 6 x 2.5 ² / 4 x 4 ² / 2 x 6 ²	86651201

WKE 4 - 5 x 4² 150 x 150 x 85 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32, (2 Rear, 10 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

Cover retaining straps, screw anchors, 3 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 3 off double membrane seals IP66 M32 sealing area 14 - 21 mm

Description	Order no.
WKE 4 - 5 x 4² orange, Connection box, 5-pole, 1 - 10 mm ² , junction box 5-pole 1 - 4 mm ² , number of clampable wires per pin: 10 x 1 ² / 8 x 1.5 ² / 6 x 2.5 ² / 4 x 4 ² / 2 x 6 ² / 2 x 10 ²	86650401

Electrical functional integrity

WKE 2-6 for Connect and Branch Circuits

WKE 2 - Duo 3 x 4²

100 x 100 x 70 mm

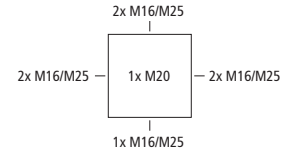


Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M16/M25, (1 Rear, 7 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12.

Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

Accessories supplied:

Cover retaining straps, screw anchors, 4 off double membrane seals IP66 M25 sealing area 9 - 16 mm



Description

WKE 2 - Duo 3 x 4²

orange, Connection box, 3-pole, 0.5 - 4 mm², junction box 3-pole 0.5 - 4 mm², number of clampable wires per pin: 16 x 0.5² / 8 x 0.75² / 12 x 1² / 12 x 1.5² / 4 x 2.5² / 4 x 4²

Order no.

86740001

WKE 4 - Duo 5/3 x 6²

150 x 150 x 85 mm

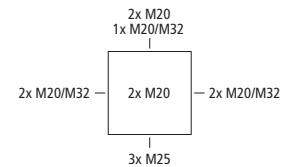


Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32, (2 Rear, 10 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12.

Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

Accessories supplied:

Cover retaining straps, screw anchors, 2 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 4 off double membrane seals IP66 M32 sealing area 14 - 21 mm



Description

WKE 4 - Duo 5/3 x 6²

orange, Connection box, 5-pole, 0.5 - 6 mm², junction box 3-pole 0.5 - 6 mm², number of clampable conductors per pole: 16 x 0.5² / 8 x 0.75² / 12 x 1² / 12 x 1.5² / 4 x 2.5² / 4 x 4² / 4 x 6², in 2-pole pass-through 8 x 0.5² / 4 x 0.75² / 6 x 1² / 6 x 1.5² / 2 x 2.5² / 2 x 4 / 2 x 6²

Order no.

86771001

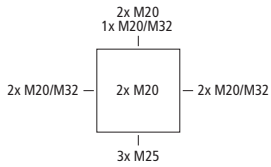
Electrical functional integrity

WKE 2-6 for Connect and Branch Circuits

WKE 4 - Duo 5 x 6² 150 x 150 x 85 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32, (2 Rear, 10 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



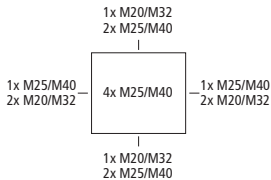
Accessories supplied:
 Cover retaining straps, screw anchors, 3 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 3 off double membrane seals IP66 M32 sealing area 14 - 21 mm

Description	Order no.
WKE 4 - Duo 5 x 6² orange, Connection box, 5-pole, 0.5 - 6 mm ² , junction box 5-pole 0.5 - 6 mm ² , number of clampable conductors per pole: 16 x 0.5 ² / 8 x 0.75 ² / 12 x 1 ² / 12 x 1.5 ² / 4 x 2.5 ² / 4 x 4 ² / 4 x 6 ²	86741001

WKE 6 - Duo 7 x 6² 200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:
 Cover retaining straps, screw anchors, 2 off double membrane seals IP66 M20 sealing area 7 - 12 mm, 3 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 3 off double membrane seals IP66 M32 sealing area 14 - 21 mm

Description	Order no.
WKE 6 - Duo 7 x 6² orange, Connection box, 7-pole, 0.5 - 6 mm ² , junction box 7-pole 0.5 - 6 mm ² , number of clampable conductors per pole: 16 x 0.5 ² / 8 x 0.75 ² / 12 x 1 ² / 12 x 1.5 ² / 4 x 2.5 ² / 4 x 4 ² / 4 x 6 ²	86742001

Electrical functional integrity

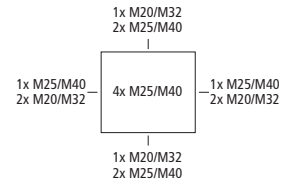
WKE 2-6 for Connect and Branch Circuits

WKE 6 - 5 x 6²

200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

Cover retaining straps, screw anchors, 4 off double membrane seals IP66 M32 sealing area 14 - 21 mm, 2 off double membrane seals IP66 M40 sealing area 19 - 28 mm

Description

WKE 6 - 5 x 6²

orange, Connection box, 5-pole, 1.5 - 16 mm², junction box 5-pole 1 - 6 mm², number of clampable conductors per pole: 10 x 1.5² / 8 x 2.5² / 4 x 4² / 4 x 6² / 2 x 10² / 2 x 16²

Order no.

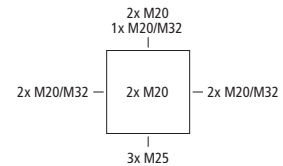
86650601

WKE 4 - Duo 3 x 10²

150 x 150 x 85 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32, (2 Rear, 10 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

Cover retaining straps, screw anchors, 3 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 3 off double membrane seals IP66 M32 sealing area 14 - 21 mm

Description

WKE 4 - Duo 3 x 10²

orange, Connection box, 3-pole, 1 - 10 mm², junction box 3-pole 1 - 10 mm², number of clampable conductors per pole: 20 x 1² / 16 x 1.5² / 12 x 2.5² / 8 x 4² / 4 x 6² / 4 x 10²

Order no.

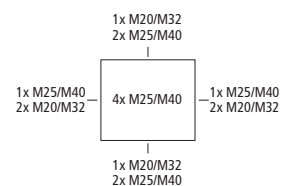
86750001

WKE 6 - Duo 5 x 10²

200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

Cover retaining straps, screw anchors, 6 off double membrane seals IP66 M32 sealing area 14 - 21 mm, 2 off double membrane seals IP66 M40 sealing area 19 - 28 mm

Description

WKE 6 - Duo 5 x 10²

orange, Connection box, 5-pole, 1 - 10 mm², junction box 5-pole 1 - 10 mm², number of clampable conductors per pole: 20 x 1² / 16 x 1.5² / 12 x 2.5² / 8 x 4² / 4 x 6² / 4 x 10²

Order no.

86751001

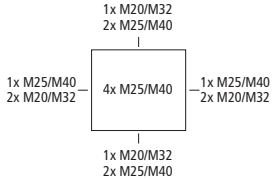
Electrical functional integrity

WKE 2-6 for Connect and Branch Circuits

WKE 6 - Duo 3 x 16² 200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



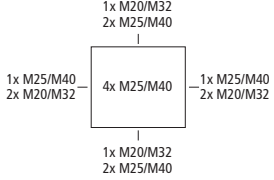
Accessories supplied:
 Cover retaining straps, screw anchors, 3 off double membrane seals IP66 M32 sealing area 14 - 21 mm, 3 off double membrane seals IP66 M40 sealing area 19 - 28 mm

Description	Order no.
WKE 6 - Duo 3 x 16² orange, Connection box, 3-pole, 1.5 - 16 mm ² , junction box 3-pole 1.5 - 16 mm ² , number of clampable wires per pin: 20 x 1.5 ² / 16 x 2.5 ² / 12 x 4 ² / 8 x 6 ² / 4 x 10 ² / 4 x 16 ²	86760001

WKE 6 - Duo 5 x 16² 200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

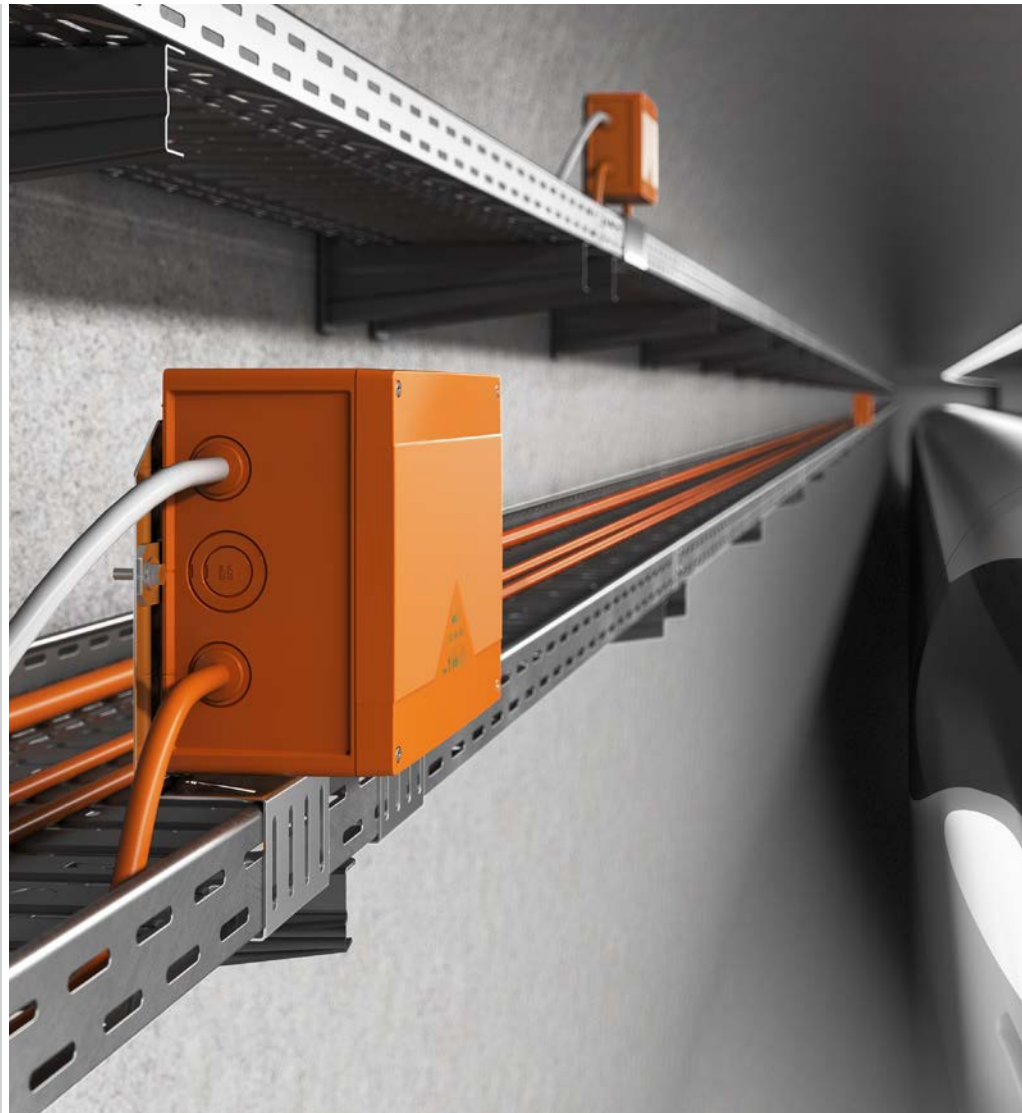


Accessories supplied:
 Cover retaining straps, screw anchors, 6 off double membrane seals IP66 M32 sealing area 14 - 21 mm, 2 off double membrane seals IP66 M40 sealing area 19 - 28 mm

Description	Order no.
WKE 6 - Duo 5 x 16² orange, Connection box, 5-pole, 1.5 - 16 mm ² , junction box 5-pole 1.5 - 16 mm ² , number of clampable wires per pin: 20 x 1.5 ² / 16 x 2.5 ² / 12 x 4 ² / 8 x 6 ² / 4 x 10 ² / 4 x 16 ²	86761001

WKE BK 1 Assembly Plate

for installationen on cable ducts



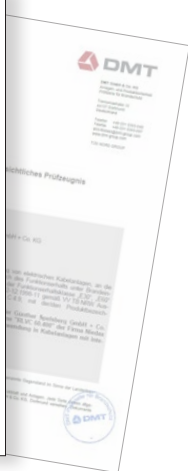
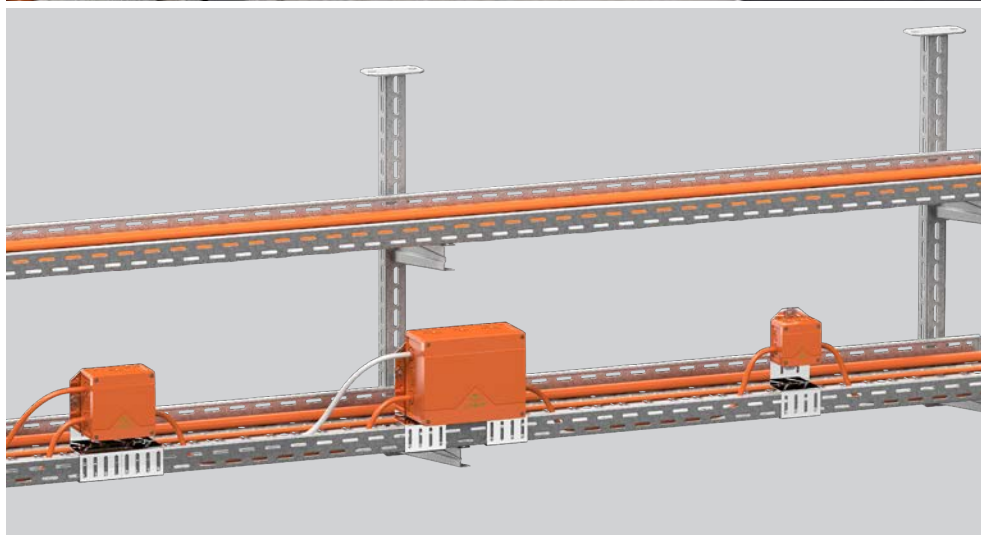
WKE BK1 Assembly Plate - your guarantee of fire-safe mounting

The WKE BK 1 assembly plate is designed to provide fire-safe mounting of WKE 2-6 cable junction and connection boxes on cable ducts with functional integrity. The adapted, inwardly projecting construction of the assembly plate allows safe installation of cables with functional integrity, without these having to deviate from the straight run of the cable duct.

The assembly plate is DIN 4102-12 compliant and has a General Building Inspection Certificate of E90 functional integrity (No: P-1042 DMT DO) from DMT Dortmund. This certification confirms the functional endurance and thus the integrity of the overall system comprising cable junction boxes and cable support systems, in the event of fire, for up to 90 minutes (E90).

The mounting plate is made from high-grade stainless steel and can be freely combined with WKE 2-6 enclosures. A single basic model allows all enclosures in the WKE 2-6 series to be safely mounted in combination - thereby ensuring judicious and economical use of resources.

NEW!



Electrical functional integrity

WKE 200-400 SL | Case study



Fire Protection Solutions for the „Kanzlerbahn“, Berlin

Berlin underground line 55, known as the „Kanzlerbahn“, has operated for years on the section between Brandenburg Gate and Central Station. Following a comprehensive phase of planning and construction work lasting more than 10 years, in September 2020 the route extension to Alexanderplatz was completed and in the process line U55 was combined with the previous U5.

The new U5 line now offers passengers the convenience of a direct journey from Hönnow to Central Station without changes. For the local tunnel systems, the Berliner Verkehrsbetriebe (Berlin Public Transport Services - BVG) imposed tightened safety conditions on the electrical engineering installed there, particularly in relation to technical fire safety. In the event of fire, the functionality of vital plant and systems had to be guaranteed.

Spelsberg's WKE cable junction boxes with fuses integrated into the branch, meet these requirements. Thanks to these fuses, for the first time, non-reactive cable branching is possible since, in the event of a fault, the functional integrity in the main section is unaffected. Thus, in the event of fire, operation of the electrical circuits for emergency lighting and other evacuation equipment is ensured for at least 30 minutes.



©Antonio Reetz-Graudenz

Spelsberg developed bespoke solutions to meet customer-specific requirements, with the WKE 300 and WKE 400 SL types, for challenging environments in the tunnels of the Berliner Verkehrsbetriebe. In a global innovation, the WKE 200 - 400 SL junction and connection boxes series combine in a single product the advantages of the screwless WAGO TOPJOB® S Push-in terminal blocks and certified functional integrity according to DIN 4102-12.

They therefore offer a safe solution wherever functional integrity, high vibration and impact resistance, and a reliable dust and water seal are required. Cooperative exchange of information, coupled with expert advice and project support from the Spelsberg team, enabled BVG to implement the necessary measures for safety of electrical installations in the event of fire in a fast and solution-oriented manner.



WKE 200-400 SL

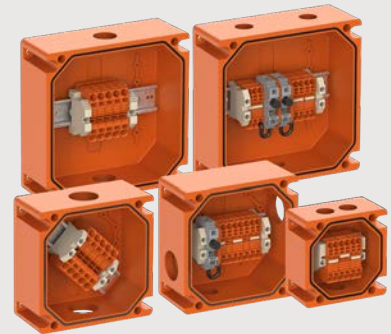
for Connect and Branch Circuits



For the first time
WAGO TOPJOB® S
Push-in terminal blocks

Maintenance-free and safe operation
in harsh environments in which,
for example, vibrations must be withstood.

- E30 functional integrity according to DIN 4102 part 12
- Clamping area of up to 16²
- Ideal for time- and material-saving installation in construction engineering
- AbP according to DIN 4102-12
- Current inspection certificate available online at www.spelsberg.de
- All junction boxes come with a wide variety of accessories, such as dowels and screw fittings
- Connections and junctions up to the nominal cross-section without restriction



WKE 200-400 SL - screwless and with certified functional integrity!

In a global innovation, the new junction and connection boxes in the **WKE 200-400 SL** series combine in a single product the advantages of the screwless **WAGO TOPJOB® S Push-in terminal blocks** and certified functional integrity according to DIN 4102-12. The junction boxes are available in three basic sizes, each with adapted terminal configuration for extensions, junctions, and fused junctions.

Thanks to the fuses, for the first time, nonreactive cable branching beyond the limits of fire prevention sections is possible since, in the event of a fault, the functional integrity in the main section is unaffected. This allows considerable cost savings to be made when laying cables.

As with all WKE cable junction boxes from Spelsberg, including the new WKE 200-400 SL series, the VDE certification in combination with a General Building Inspection Certificate demonstrates high product quality and safety in the event of fire.

NEW!



www.spelsberg.com/wke-200-400-sl



Electrical functional integrity

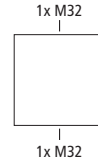
WKE 200-400 SL for Connect and Branch Circuits

WKE 202 SL

115 x 115 x 93 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), internal thread, M32, (2 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

2 off cable glands M32, sealing area 17 - 26 mm,
Wall plug set \varnothing 6 mm

Description

WKE 202 SL NEW

orange, Connection box 5-pole, clamping capacity per pin $2 \times 0.5 - 6 \text{ mm}^2$

Order no.

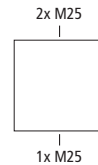
86228201

WKE 203 SL

115 x 115 x 93 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), internal thread, M25, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

3 off cable glands M25, seal range 6 - 15 mm,
Wall plug set \varnothing 6 mm

Description

WKE 203 SL NEW

orange, Junction box 3-pole, clamping capacity per pin $4 \times 0.5 - 4 \text{ mm}^2$

Order no.

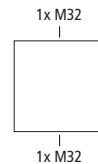
86228301

WKE 302 SL

160 x 160 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), internal thread, M32, (2 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

2 off cable glands M32, sealing area 17 - 26 mm,
Wall plug set \varnothing 6 mm

Description

WKE 302 SL NEW

orange, Connection box 5-pole, clamping capacity per pin $2 \times 0.5 - 10 \text{ mm}^2$

Order no.

86238201

Electrical functional integrity

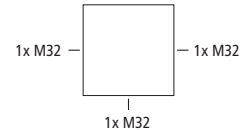
WKE 200-400 SL for Connect and Branch Circuits

WKE 303 SL

160 x 160 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), internal thread, M32, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

3 cable glands M32, sealing area 17 - 26 mm, dowel kit \varnothing 6 mm

Description

WKE 303 SL **NEW**

orange, Junction box 5-pole, clamping capacity per pin 4 x 0.5 - 10 mm²

Order no.

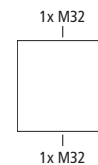
86238301

WKE 402 SL

200 x 200 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), internal thread, M32, (2 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

2 off cable glands M32, sealing area 17 - 26 mm, Wall plug set \varnothing 6 mm

Description

WKE 402 SL **NEW**

orange, Connection box 5-pole, clamping capacity per pin 2 x 0.5 - 16 mm²

Order no.

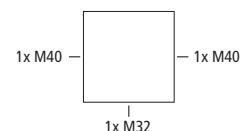
86248201

WKE 403 SL

200 x 200 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), internal thread, M32/M40, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

2 cable glands M40, sealing area 17 - 27 mm, 1 cable gland M32, sealing area 17 - 26 mm, dowel kit \varnothing 6 mm

Description

WKE 403 SL **NEW**

orange, Junction box 5-pole, clamping capacity per pin 4 x 0.5 - 16 mm²

Order no.

86248301

WKE

for fused branch



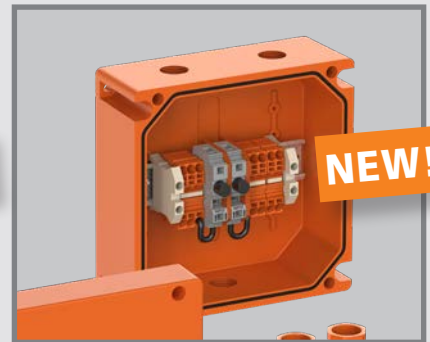
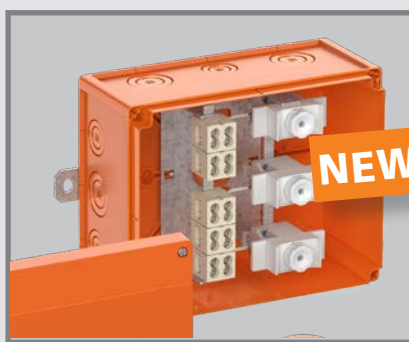
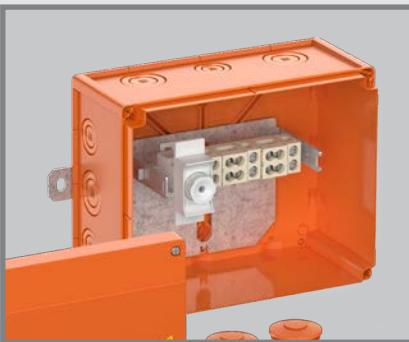
Bedrahtete Feinsicherung



Sicherung D01



G-Sicherungseinsatz 5 x 20 mm



WKE 4-6



WKE 6 T



WKE 200-400 SL



The WKE Product Family

The fused WKE 4 - 6 junction and connection boxes provide functional integrity for the main line in particular, by allowing a fused branch for each floor or each fire compartment. In the event of a fault, only the affected branch of the main line is safely isolated. The main line remains intact thereby guaranteeing, for example, continued lighting of escape routes.

This allows a completely new type of installation, since the individual branches no longer require radial feed, but can simply branch off the main line, without affecting the intrinsic fire resistance. The resulting cable savings reduce costs and assembly times for plant production. Highly fire-resistant, ceramic double terminals for cable cross-sections of up to 16 mm² enhance safety and ensure functional integrity in the passthrough up to E 90.

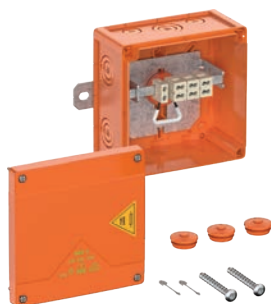
Completely new to the WKE product family are the WKE 200-400 SL junction and connection boxes with fuses and screwless **WAGO TOPJOB®S Push-in terminal blocks**. These have been specially developed for use in vibration zones (such as tunnel systems).

Electrical functional integrity

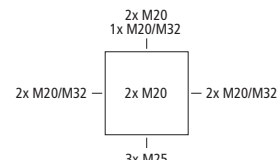
WKE 4-6 for fused branch

WKE 4 - 3/3 x 6² 1SB

150 x 150 x 85 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to UL-EU (EN 62208), UL-EU (EN 61439-1/-2), Push-out membranes, M20/M25/M32, (2 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

Cover securing device, screw anchors, 3 off double membrane seals M25 IP66 sealing area 9 - 16 mm

Description

WKE 4 - 3/3 x 6² 1SB

orange, Connection box, 3-pole, 0.5 - 6 mm², junction box 3-pole 0.5 - 6 mm², fuse in branch 1 x 2A (internal, 1 x WKE BS F2A, 86300101) number of clampable wires per terminal point: 4 x 0.5² / 2 x 0.75² / 3 x 1² / 3 x 1.5² / 1 x 2.5² / 1 x 4² / 1 x 6²

Order no.

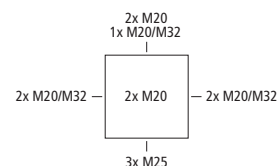
86911101

WKE 4 - 5/3 x 6² 1SB

150 x 150 x 85 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to UL-EU (EN 62208), UL-EU (EN 61439-1/-2), Push-out membranes, M20/M25/M32, (2 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:

Cover securing device, screw anchors, 1 off double membrane seals M25 IP66 sealing area 9 - 16 mm, 2 off double membrane seals M32 IP66 sealing area 14 - 21 mm

Description

WKE 4 - 5/3 x 6² 1SB

orange, Connection box 5-pole 0.5 - 6 mm², junction box 3-pole 0.5 - 6 mm², fuse in branch 1 x 2A (internal, 1 x WKE BS F2A, 86300101), number of clampable conductors per terminal point: 4 x 0.5² / 2 x 0.75² / 3 x 1² / 3 x 1.5² / 1 x 2.5² / 1 x 4² / 1 x 6²

Order no.

86912101

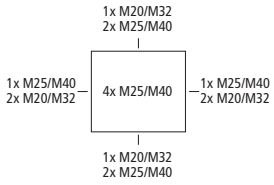
Electrical functional integrity

WKE 4-6 for fused branch

WKE 6 - 5/3 x 10² 1D0 200 x 250 x 120 mm



Cable junction box, with protection class IP66, U_i=450V AC, certified according to UL-EU (EN 62208), UL-EU (EN 61439-1/-2), M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



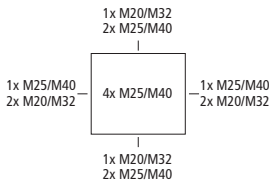
Accessories supplied:
 Cover retaining straps, screw anchors, 1 off double membrane seals M25 IP66 sealing area 9 - 16 mm, 2 off double membrane seals M32 IP66 sealing area 14 - 21 mm

Description	Order no.
WKE 6 - 5/3 x 10² 1D0 orange, Junction box 5-pole 1.5 - 10 mm ² , junction box 3-pole 1.5 - 10 mm ² , fuse in branch 1 x socket D01 (without insert), number of clampable wires per terminal point 4 x 1.5 ² / 3 x 2.5 ² / 2 x 4 ² / 1 x 6 ² / 1 x 10 ²	86922120

WKE 6 - 5/3 x 16² 1D0 200 x 250 x 120 mm



Cable junction box, with protection class IP66, U_i=450V AC, certified according to UL-EU (EN 62208), UL-EU (EN 61439-1/-2), M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:
 Cover retaining straps, screw anchors, 1 off double membrane seals M25 IP66 sealing area 9 - 16 mm, 2 off double membrane seals M32 IP66 sealing area 14 - 21 mm, 2 off double membrane seals M40 IP66 sealing area 19 - 28 mm

Description	Order no.
WKE 6 - 5/3 x 16² 1D0 orange, Connection box 5-pole 1.5 - 16 mm ² , junction box 3-pole 1.5 - 10 mm ² , fuse in branch 1 x socket D01 (without insert), number of clamped wires per terminal point 5 x 1.5 ² / 4 x 2.5 ² / 2 x 4 ² / 2 x 6 ² / 1 x 10 ² / 1 x 16 ²	86932120

Electrical functional integrity

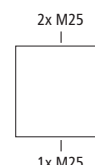
WKE 200-400 SL for fused branch

WKE 204 SL

115 x 115 x 93 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, internal thread, M25, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, tested according to VDE (DIN EN 61439-1/-2 (VDE 0660-600-1/-2)) with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

3 off cable glands M25, seal range 6 - 15 mm,
Wall plug set \varnothing 6 mm

Description

WKE 204 SL **NEW**

orange, Junction box with fused branch, connection box 3-pole, junction box 3-pole, number of clampable wires per pin $4 \times 0.5 - 4\text{mm}^2$, 1 fuse holder (20 x 5mm) max. 10 A

Order no.

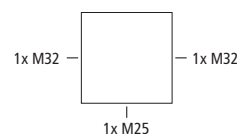
86228401

WKE 304 SL

160 x 160 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, internal thread, M25/M32, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, tested according to VDE (DIN EN 61439-1/-2 (VDE 0660-600-1/-2)) with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

2 cable glands M32, sealing area 17 - 26 mm, 1 cable gland M25, sealing area 6 - 15 mm, dowel kit \varnothing 6 mm

Description

WKE 304 SL **NEW**

orange, Junction box with fused branch, connection box 5-pole, number of clampable wires per pin $4 \times 0.5 - 10\text{mm}^2$, junction box 3-pole, clamping capacity $4 \times 0.5 - 6\text{mm}^2$, 1 fuse holder (20 x 5mm) max. 10 A

Order no.

86238401

Electrical functional integrity

WKE 200-400 SL for fused branch

WKE 404 SL 200 x 200 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, internal thread, M25/M32, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, tested according to VDE (DIN EN 61439-1/-2 (VDE 0660-600-1/-2)) with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

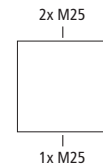
2 cable glands M32, sealing area 17 - 26 mm, 1 cable gland M25, sealing area 6 - 15 mm, dowel kit \varnothing 6 mm

Description	Order no.
WKE 404 SL NEW orange, Orange, junction box with fused junction, connection box 5-pole, number of clampable wires per pin 2 x 0.5 - 16mm ² , junction box 3-pole, number of clampable wires per pin 4 x 0.5 - 6mm ² , clamping capacity per terminal point 1 x 0.5 - 6mm ² , 1 fuse holder (20 x 5mm) max. 10 A	86248401

WKE 404 SL 8x6² 2FS 200 x 200 x 110 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, internal thread, M25, (3 Side), External fastening points, with E30 electrical functional integrity according to DIN 4102 Part 12, tested according to VDE (DIN EN 61439-1/-2 (VDE 0660-600-1/-2)) with screwless Wago TopJobS terminal blocks, enclosure made from halogen-free special thermosetting plastic



Accessories supplied:

3 off cable glands M25, seal range 6 - 15 mm, Wall plug set \varnothing 6 mm

Description	Order no.
WKE 404 SL 8x6² 2FS NEW orange, Junction box with fused branch, connection box 3-pole, junction box 3-pole, number of clampable wires per pin 4 x 0.5 - 6mm ² , clamping capacity per terminal point 1 x 0.5 - 6mm ² , 2 fuse holders (20 x 5mm) max. 10 A	86248501

WKE naming scheme (example)

<p>Name</p> <p>▼</p> <p style="font-size: 2em; font-weight: bold;">WKE</p>	<p>Connecting</p> <p>▼</p> <p style="font-size: 2em; font-weight: bold;">202</p> <p>▲ ▲</p> <p>Type</p>	<p>Junction</p> <p>▼</p> <p style="font-weight: bold; color: #f4a460;">WKE 203 SL</p> <hr/> <p>for secured Junction</p> <p>▼</p> <p style="font-weight: bold; color: #f4a460;">WKE 204 SL</p>
<p style="font-size: 2em; font-weight: bold;">SL</p> <p>▲</p> <p>screwless</p>		

WKE 6T

For use in tunnels



- Patented knock-outs enable easy installation
- Patented terminal holder system, can be positioned in steps of 90°
- Available in 4 variants, also without fuse
- The lid screws are made of stainless steel 1.4578 (V4A)
- External fixing lugs (ideal for quick assembly) are made of high corrosion-resistant stainless steel 1.4571 (V4A).

- Fuse in the junction up to 3 x D01
- Central fixing using one screw accessible at all times
- Use of all cable entries with raised terminal possible

- Pressure/Suction tight according to Gotthard guideline.

Lifted position:

easy handling of the wires



Bottom position:

ideal for special solutions



IP66

E30-E90

16²

16²

IK08



450V AC

450V DC



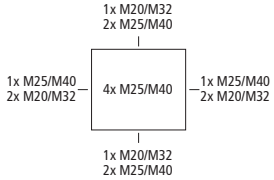
Electrical functional integrity

WKE 6 T

WKE 6 T with D01 200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to UL-EU (EN 62208), UL-EU (EN 61439-1/-2), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Pressure and suction-tight according to Gotthard guideline. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder, quick assembly thanks to external fixing lug made of stainless steel 1.4571. Cover screws made of stainless steel 1.4578.



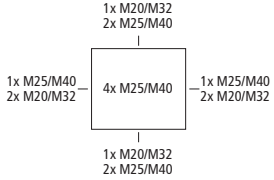
Accessories supplied:
 2 x cable gland M40, sealing area 16 - 28 mm, 1 x cable gland M32, sealing area 11 - 21 mm, each 1 x double membrane seals M32 and M40 for sealing accidentally opened push-out membranes.

Description	Order no.
WKE 6 T 1D01 NEW orange, Connection box 5-pole 1.5 - 16 mm ² , junction box 3-pole 1.5 - 10 mm ² , fuse in branch 1 x socket D01 (without insert), number of clamped wires per terminal point 5 x 1.5 ² / 4 x 2.5 ² / 2 x 4 ² / 2 x 6 ² / 1 x 10 ² / 1 x 16 ²	86963101
WKE 6 T 2D01 NEW orange, Connection box 5-pole 1.5 - 16 mm ² , junction box 3-pole 1.5 - 10 mm ² , fuse in branch 2 x socket D01 (without insert), max. no. of clamped wires per terminal point 5 x 1.5 ² / 4 x 2.5 ² / 2 x 4 ² / 2 x 6 ² / 1 x 10 ² / 1 x 16 ²	86963201
WKE 6 T 3D01 NEW orange, Connection box 5-pole 1.5 - 16 mm ² , junction box 3-pole 1.5 - 10 mm ² , fuse in branch 3 x socket D01 (without insert), max. no. of clamped wires per terminal point 5 x 1.5 ² / 4 x 2.5 ² / 2 x 4 ² / 2 x 6 ² / 1 x 10 ² / 1 x 16 ²	86963301

WKE 6 T DUO 200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Pressure and suction-tight according to Gotthard guideline. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder, quick assembly thanks to external fixing lug made of stainless steel 1.4571. Cover screws made of stainless steel 1.4578.

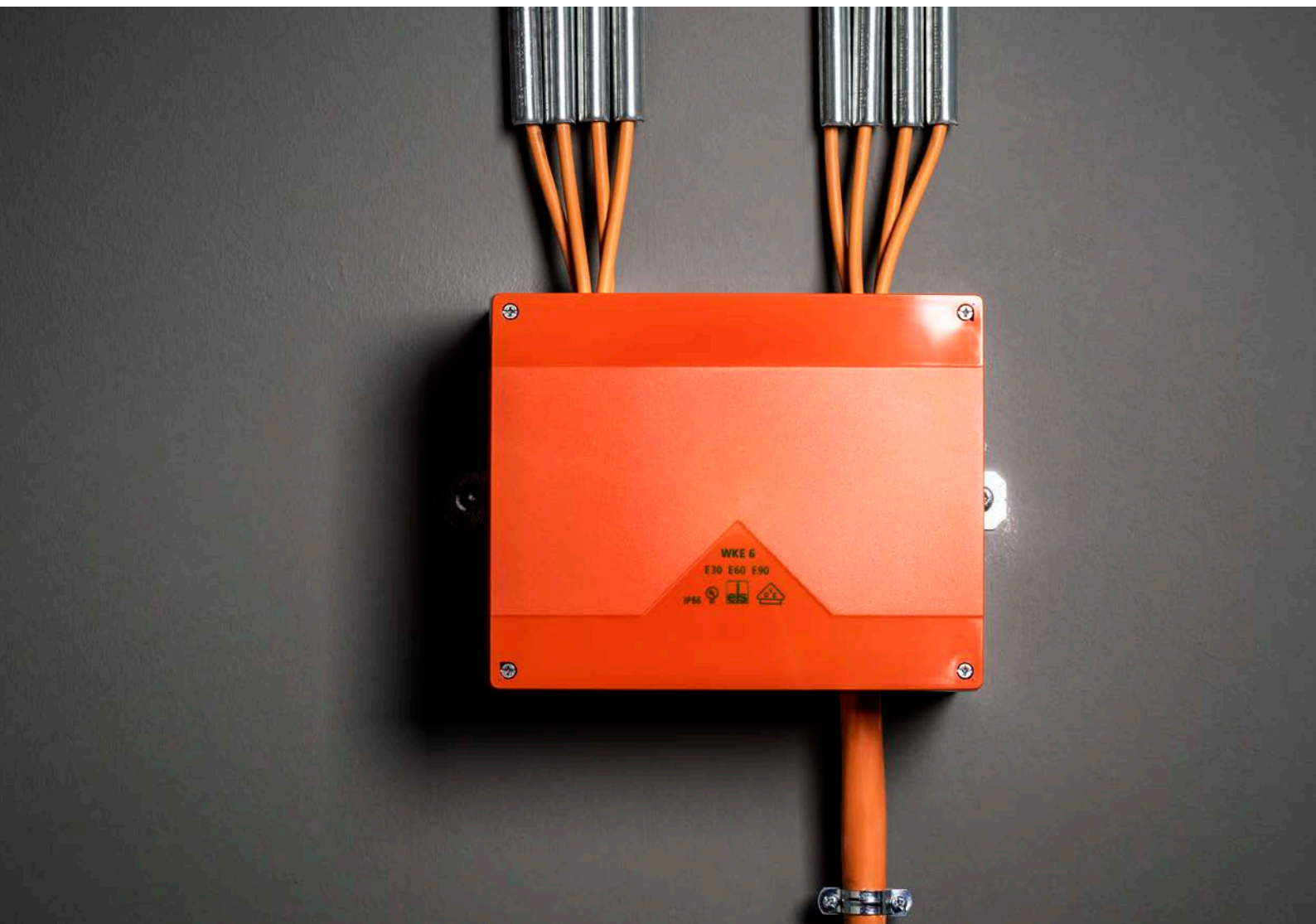


Accessories supplied:
 2 x cable gland M40, sealing range 16 - 28 mm, 1 x cable gland M32, sealing area 11 - 21 mm, each 1 x double membrane seals M32 and M40 for sealing accidentally opened push-out membranes.

Description	Order no.
WKE 6 T Duo 5 x 16² NEW orange, Connection box, 5-pole, 1.5 - 16 mm ² , junction box 5-pole 1.5 - 16 mm ² , number of clampable wires per pin: 20 x 1.5 ² / 16 x 2.5 ² / 12 x 4 ² / 8 x 6 ² / 4 x 10 ² / 4 x 16 ²	86763001

WKE 4-6

for communication lines



Functional integrity E30-E90 according to DIN 4102 part 12 (with ceramic terminals 1,5 mm²)

- The right solution for each cross-section and application
- Installation materials such as screw anchors and double membrane seals included
- Quick mounting through external fixing
- Completely pre-assembled
- Ideal for building technology
- Up to 32-pin
- Possible to mount on cable trays
- General construction-supervisory test certificate (AbP)
- VDE and UL-EU certified



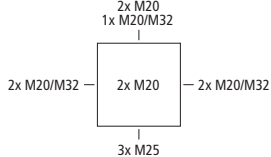
Electrical functional integrity

WKE 4-6 for communication lines

WKE 4 - 8 x 1,5² 150 x 150 x 85 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), Push-out membranes, M20/M25/M32, (2 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



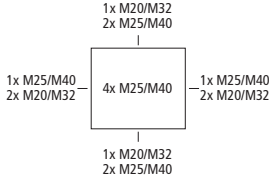
Accessories supplied:
 Cover retainer, screw anchor, 3 off double membrane seals IP66 M20 sealing area 7 - 12 mm, 2 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 1 off double membrane seal IP66 M32/4 sealing area 4 x 3.5-6 mm

Description	Order no.
WKE 4 - 8 x 1,5² orange, Connection box, 8-pole, 0.5 - 2.5 mm ² , junction box 8-pole 0.5 - 1.5 mm ² , number of clampable conductors per pole: 8 x 0.5 ² / 4 x 0.75 ² / 6 x 1 ² / 6 x 1.5 ² / 2 x 2.5 ²	86850801

WKE 6 - 16 x 1,5² 200 x 250 x 120 mm



Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder



Accessories supplied:
 Cover retaining straps, screw anchors, 2 off double membrane seals IP66 M20 sealing area 7 - 12 mm, 4 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 2 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 2 off double membrane seals IP66 M40/4 sealing area 4 x 6 - 9 mm

Description	Order no.
WKE 6 - 16 x 1,5² orange, Connection box, 16-pole, 0.5 - 2.5 mm ² , junction box 16-pole 0.5 - 1.5 mm ² , number of clampable conductors per pin: 8 x 0.5 ² / 4 x 0.75 ² / 6 x 1 ² / 6 x 1.5 ² / 2 x 2.5 ²	86851601

Electrical functional integrity

WKE 4-6 for communication lines

WKE 6 - 32 x 1,5²

200 x 250 x 120 mm

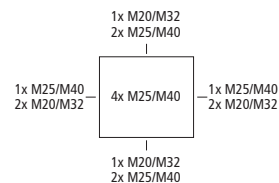


Cable junction box, with protection class IP66, $U_i=450V$ AC, certified according to VDE (DIN EN 60670-1/-22 (VDE 0606-1/-22)), UL-EU (EN 62208), M20/M25/M32/M40, (4 Rear, 12 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12.

Halogen-free enclosure made of special thermoplastic, terminals made of high-temperature-resistant special ceramic, universally positionable terminal holder

Accessories supplied:

Cover retaining straps, screw anchors, 2 off double membrane seals IP66 M20 sealing area 7 - 12 mm, 6 off double membrane seals IP66 M25 sealing area 9 - 16 mm, 2 off double membrane seals IP66 M40/4 sealing area 4 x 6 - 9 mm



Description

WKE 6 - 32 x 1,5²

orange, Connection box, 32-pole, 0.5 - 2.5 mm², junction box 32-pole 0.5 - 1.5 mm², number of clampable conductors per pin: 8 x 0.5² / 4 x 0.75² / 6 x 1² / 6 x 1.5² / 2 x 2.5²

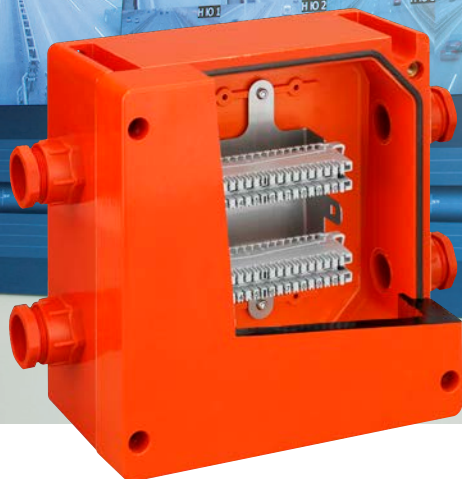
Order no.

86853201



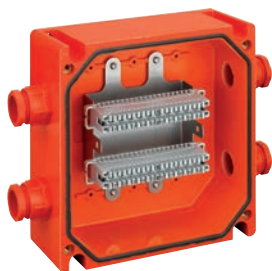
Electrical functional integrity

WKE 405 LSA for communication lines



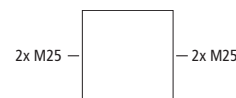
WKE 405 LSA

200 x 200 x 110 mm



IP66 E30 IK08 0,5² 450V AC halogen-free iQ LSA

Cable junction box, with protection class IP66, $U_i=450V$ AC, M25, (4 Side), External fastening points, with time-saving connection technology (solder, screw and stripping-free) connection for cables with functional integrity according to DIN 4102 Part 12



Accessories supplied:

4 off cable glands M25, sealing area 9 - 19 mm, wall plug set \varnothing 6 mm

Description

WKE 405 LSA

orange, Connection box equipped with two LSA-Plus connector blocks, respectively for 10 double wires (2 x 10 DA), the LSA-Plus contacts are suitable for a solid conductor with 0.4 to 0.8 mm diameter and an outside insulation diameter of 0.7 to 1.6 mm.

Order no.

86240501



Electrical functional integrity

WKE 2-6 accessories

WKE Assembly Plate



Assembly plate for fire-safe installation of cable junction boxes with functional integrity in Series WKE 2 to WKE 6 on cable support systems with functional integrity. Certified combination of junction box, assembly plate and support system with AbP (General Building Inspection Certificate) and electrical integrity E30 - E90 according to DIN 4102-12. WKE 2 requirement: 1 off; WKE 4, WKE 6 requirement: 2 off

Description	Order no.
WKE BK 1 NEW Stainless steel without fixing screws	86310001

Double membrane seals, orange



Double membrane seals, IP66, with two sealing membranes, closed, thermoplastic elastomer (TPE), for wall thicknesses 1.5 - 4.5 mm, orange

Description	Order no.
DMS M16/or Sealing area 5 - 9 mm	26061601
DMS M20/or Sealing area 7 - 12 mm	26062001
DMS M25/or Sealing area 9 - 16 mm	26062501
DMS M32/or Sealing area 14 - 21 mm	26063201
DMS M40/or Sealing area 19 - 28 mm	26064001

4-fold double membrane seals, orange



Double membrane seals, IP66, with two sealing membranes, closed, max. four cable insertions for control lines, thermoplastic elastomer (TPE), orange, for wall thicknesses 1.5 - 4.5 mm

Description	Order no.
DMS M32/4 or Sealing area 3.5 - 6 mm per entry	26063301
DMS M40/4 or Sealing area 6 - 9 mm per entry	26064101

Cable gland, orange



Cable gland, IP68, with strain relief, polyamide, M_ x 1.5 mm, with locknut, orange

Description	Sealing area/mm	Thread length/mm	Order no.
KVR M16-MGM/or	4 - 10	8	22761601
KVR M20-MGM/or	7 - 14.0	9	22762001
KVR M25-MGM/or	9 - 16	11	22762501
KVR M32-MGM/or	11 - 21.0	11	22763201
KVR M40-MGM/or	16 - 28.0	11	22764001

WKE BS F2A spare fuses



Spare fuses for WKE 2-6 in the "SB" versions, Wired device fuses F2A in the size 5 x 20 mm coated with a glass fibre sleeve

Description	Order no.
WKE BS F2A 10 pieces per packaging unit	86300101

Electrical functional integrity

WKE 200-400 SL accessories

WKE 200-400 external fixing lugs



External fastening kit V2A

Description

WKE 200 ABL

External fastening kit V2A, for WKE 200 up to WKE 400, Material stainless steel V2A (1.4301), Set = 4 pcs.

Order no.

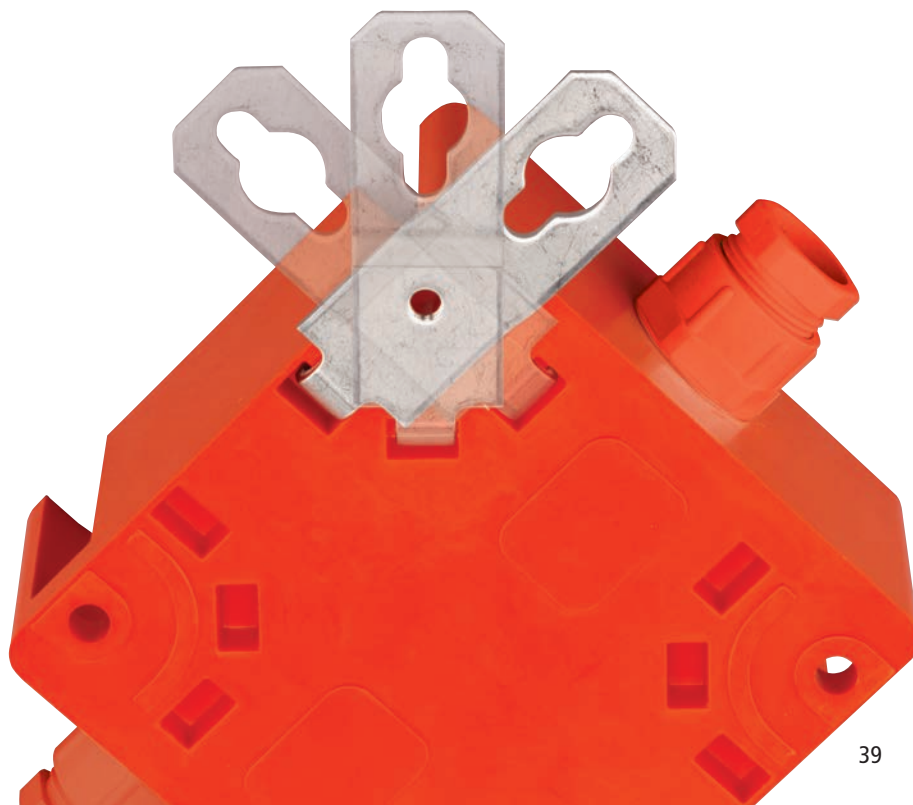
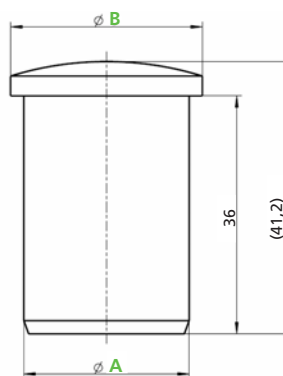
86040001

Cover screws and external fixing lugs also available in V4A on request

Blind plugs available on request.

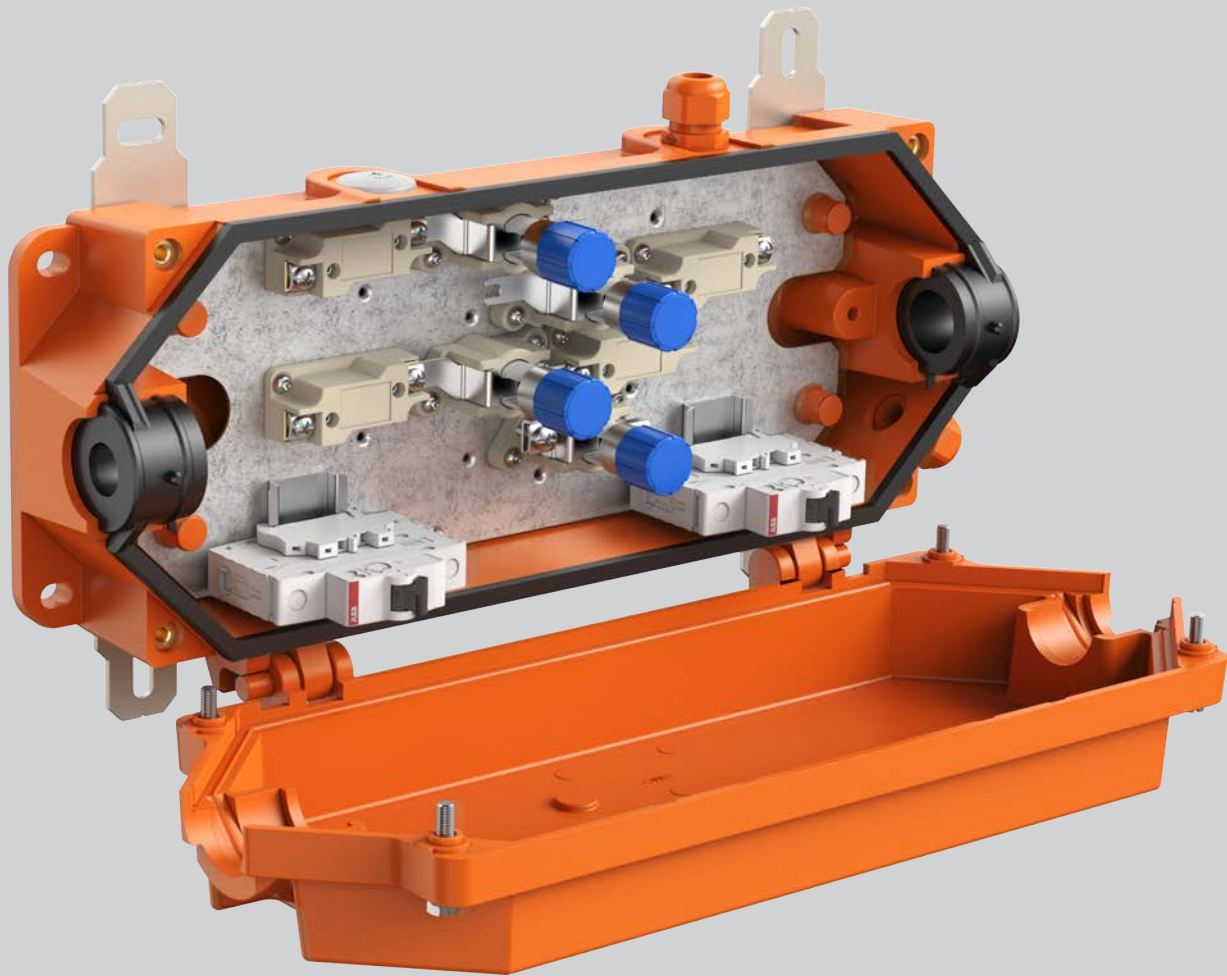


Dimensions (mm)	
A	B
20	24
12	16
32	36
15	19
25	29



WKE Rapid-Box^{HT}

Electrical functional integrity in **tunnels**



WKE Rapid-Box^{HT} - guarantees the function of life-saving electrical systems

- Switchgear combination according to EN 61439
- Contacting of uncut conductors up to 50 mm²
- also possible afterward
- Connecting of cut conductors up to 35 mm²
- Pressure and suction tight in accordance with Gotthard guideline
- Maintenance-free mantle terminal
- Junction per pole up to 2,5 mm²
- External fixing lugs allow assembly even when the lid is closed.
- Flexible adaptation to different installation situations thanks to the **turnable mounting plate**
- Robust and UV resistant enclosure materials protect the interior installation.
- Safe installation due to the high ratings **IP66/67** and **IK09**
- Specific customer solutions are possible thanks to the modular system.

IP66
IP67

E30-
E90

50²

2,5²

IK09



400V
AC/DC

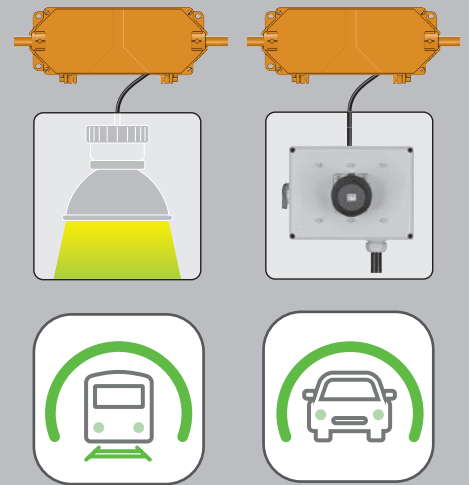


low
smoke





Application examples:



[www.spelsberg.com/
electrical-functional-integrity-in-tunnels](http://www.spelsberg.com/electrical-functional-integrity-in-tunnels)

The High Temperature Element (HTE) from Spelsberg is the only known temperature shutoff element on the market that can be used up to a limit temperature of 1000 °C. Also well suited for technical fire protection applications. To prevent a short-circuit in event of fire, the HTE is installed at the start point of the electric junction.

The HTE acts exclusively as temperature shutoff element. It disconnects the electric connection of the junction irreversible in case of a fire. Thanks to the shutoff element, an error in the junction does not impair the main line.

The junction is therefore separated safely and permanently, also in case of fire. The continuous operating temperature of 80°C allows it to be used in conventional electrotechnical installations and switchgear combinations.

WKE Rapid-Box^{HT}

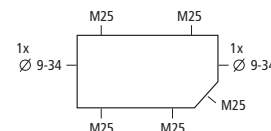
Electrical functional integrity in **tunnels**

WKE Rapid-Box HT 16²

190 x 447 x 105 mm



Junction Box, with protection class IP66/IP67, $U_i=400V$ AC, M25, (5 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. For installations in the industrial environment and tunnel applications, pressure and suction tight in accordance with Gotthard guideline. Halogen-free enclosure made of special thermo-setting plastic, terminals made of special high-temperature-resistant ceramic. External fixing lugs and cover screws made of stainless steel 1.4571



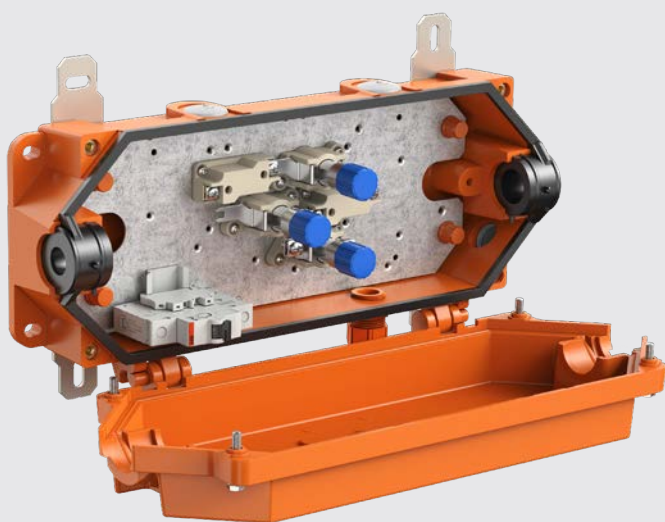
Accessories supplied:

- 2 off M25 cable gland, sealing range 9-16mm
- 4 off M25 locking screws

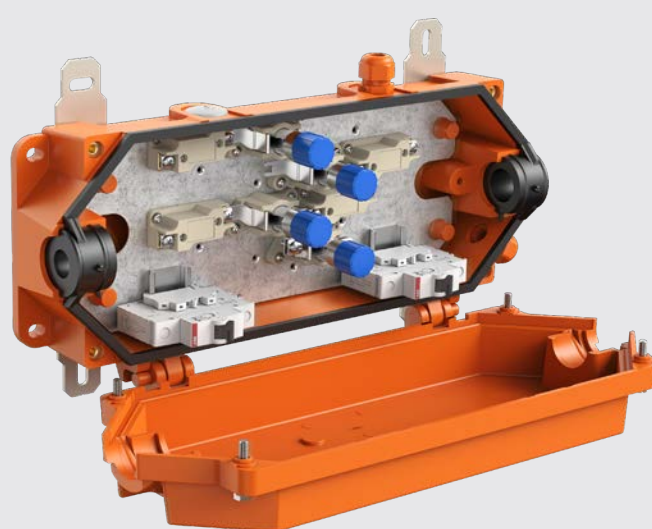
Description	Order no.
WKE Rapid-Box HT 1x3 16² 1F NEW orange, Feed-through: 3-pole terminal for uncut wires to 16mm ² , clamping range for uncut wire 2.5mm ² to 25mm ² , clamping range for cut wire 2.5mm ² to 16mm ² , rated current 63A. Fuse and feedback-free junction 3-pole to 2.5 ² mm, fuse protection with 1 x circuit breaker, unipolar B16, pre-wired. Sealing area, main cable: 17-22mm	30232116
WKE Rapid-Box HT 2x3 16² 2F NEW orange, Feed-through: 4-pole terminal for uncut wire to 16mm ² , clamping range for uncut wire 2.5mm ² to 25mm ² , clamping range for cut wire 2.5mm ² to 16mm ² , rated current 63A. Fuse and feedback-free junction 4-pole to 2.5 ² mm, fuse protection with 2 x circuit breaker, unipolar B16, pre-wired. Sealing area, main cable: 17-22mm	30244216

WKE Rapid-Box^{HT} 1x3 16² 1F

WKE Rapid-Box^{HT} 2x3 16² 2F



Art. 302 321 16



Art. 302 442 16

WKE Rapid-Box^{HT}

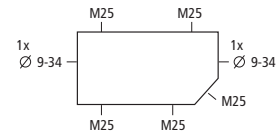
Electrical functional integrity in **tunnels**

WKE Rapid-Box HT 50²

190 x 447 x 105 mm



Junction Box, with protection class IP66/IP67, $U_j=400V$ AC, M25, (5 Side), External fastening points, with E30 - E 90 electrical functional integrity according to DIN 4102 Part 12. For installations in the industrial environment and tunnel applications, pressure and suction tight in accordance with Gotthard guideline. Halogen-free enclosure made of special thermo-setting plastic, terminals made of special high-temperature -resistant ceramic. External fixing lugs and cover screws made of stainless steel 1.4571



Accessories supplied:

- 2 off M25 cable gland, sealing area 9-16mm
- 4 off M25 locking screws

Description

WKE Rapid-Box HT 1x3 50² 1F **NEW**

orange, Feed-through: 3-pole terminal for uncut wire to 50mm², clamping range for uncut wire 16mm² to 50mm², clamping range for cut wire 16mm² to 35mm², rated current 100A. Fuse and feedback-free junction 3-pole to 2.5²mm, fuse protection with 1 x circuit breaker, unipolar B16, pre-wired. Sealing area, main cable: 21 - 26mm

Order no.

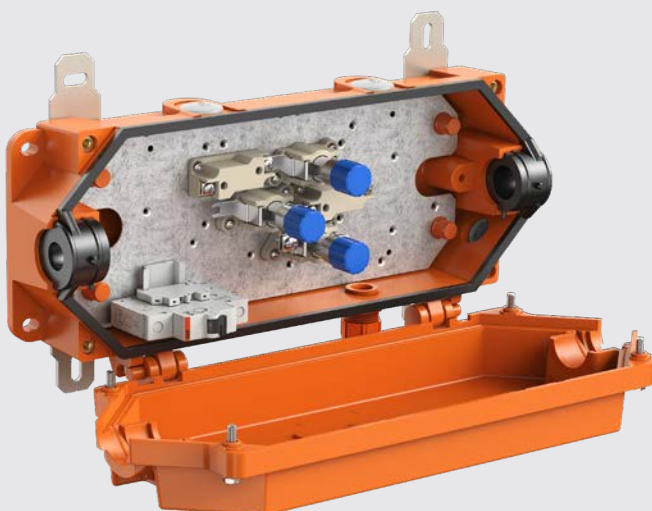
30232150

WKE Rapid-Box HT 2x3 50² 2F **NEW**

orange, Feed-through: 3-pole terminal for uncut wire to 50mm², clamping range for uncut wire 16mm² to 50mm², clamping range for cut wire 16mm² to 35mm², rated current 100A. Fuse and feedback-free junction 3-pole to 2.5²mm, fuse protection with 1 x circuit breaker, unipolar B16, pre-wired. Sealing area, main cable: 21 - 26mm

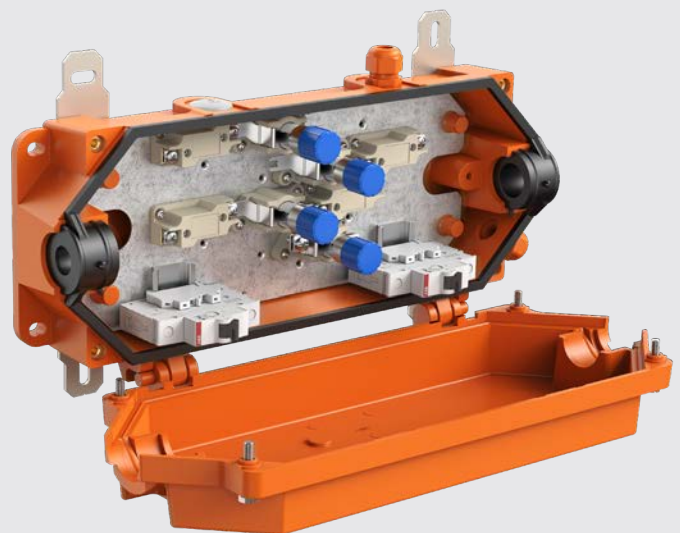
30244250

WKE Rapid-Box^{HT} 1x3 50² 1F



Art. 302 321 50

WKE Rapid-Box^{HT} 2x3 50² 2F



Art. 302 442 50

BIM

[Building Information Modelling]



Tender documents

BIM data

3D-CAD data

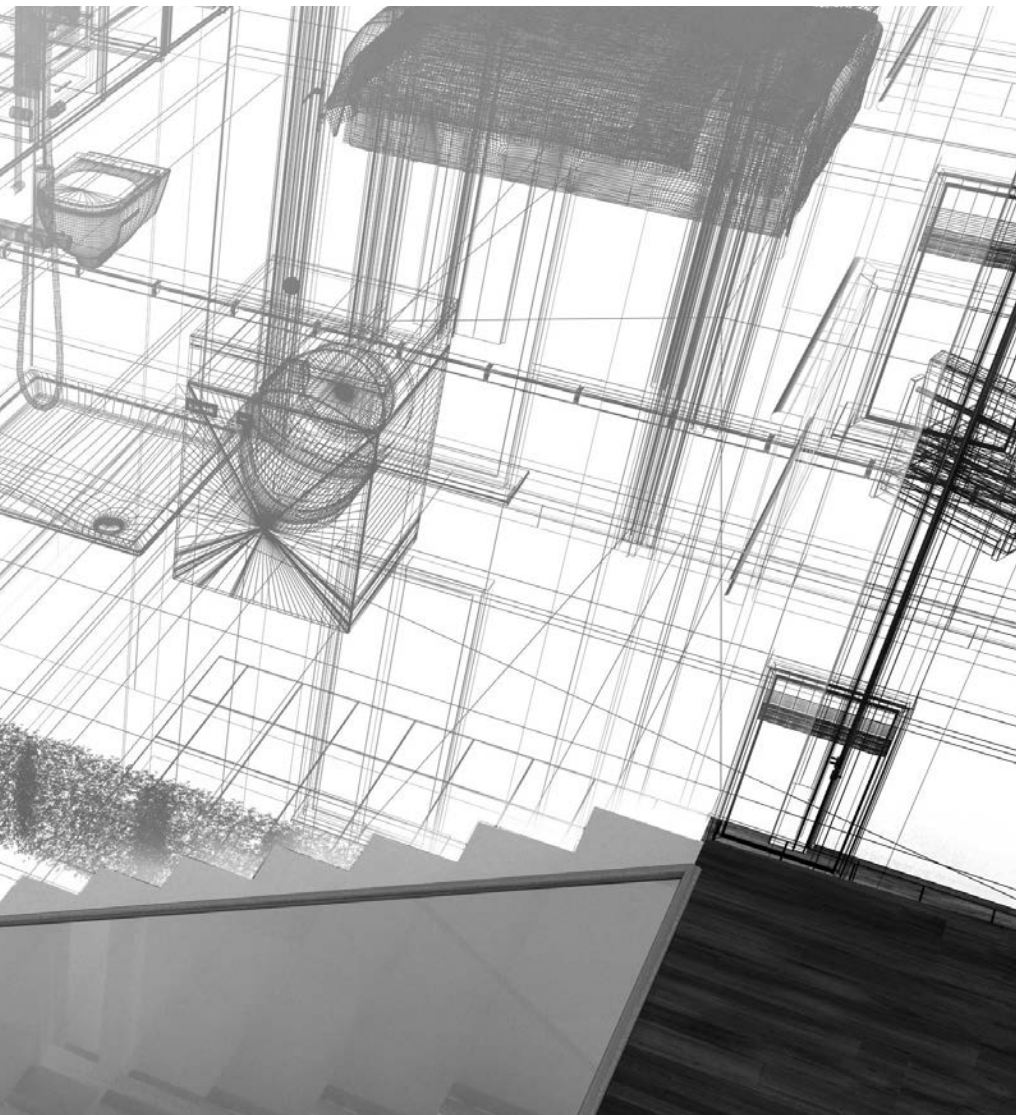
Planning information

www.spelsberg.com/service/planninginformation

Anyone who deals with large and complex planning projects knows from experience the importance of carefully prepared planning data. These data form the basis for a good planning outcome that satisfies all parties, and therefore contribute further down the line to the smooth execution of the construction project.

In order to give customers and partners in all work phases of the planning project the best-possible support, Spelsberg provides all planning-related information drawn together in one place. Once you have successfully registered for mySPELSBERG you will have access to all planning data and be able to download these directly from the product page.

Alternatively, you can also use our watchlists function for combined download of all necessary data for multiple products and forward the watch list created to colleagues or partners.



Cadenas PARTsolutions supports design engineers, planners and buyers in their work by providing CAD models. For this reason, Spelsberg is also present with its products on the 3D CAD download portal Cadenas PARTcommunity. As early as in the design phase, engineers quickly find both components and standard parts using the smart portal search function.

Apart from this, PARTsolutions also offers the possibility of reducing and managing the components product costs significantly. Likewise, the increased clarity in the form of a unified structure in the parts-information data and the ordered catalogue structure is a valued advantage for the users.

The Spelsberg product series are additionally characterised by expert opinions. The official documents of the certified WKE products can be downloaded as PDF from www.spelsberg.com.

Technical information

WKE 2-6 | WKE 6 T | WKE 200-400 SL

For connecting and junction

Order no.	Description	Max. conductor cross-section / mm ²		Number of poles		DUO terminal blocks allow differing conductor cross-sections on each terminal
		Cable connecting	Cable junction	Connection	Junction	
866 502 01	WKE 2 - 5 x 1,5 ²	2,5	1,5	5	5	no
867 400 01	WKE 2 - Duo 3 x 4 ²	4	4	3	3	yes
866 512 01	WKE 2 - 3 x 4 ²	6	4	3	3	no
866 504 01	WKE 4 - 5 x 4 ²	10	4	5	5	no
867 710 01	WKE 4 - Duo 5/3 x 6 ²	6	6	5	3	yes
867 410 01	WKE 4 - Duo 5 x 6 ²	6	6	5	5	yes
867 420 01	WKE 6 - Duo 7 x 6 ²	6	6	7	7	yes
866 506 01	WKE 6 - 5 x 6 ²	16	6	5	5	no
867 500 01	WKE 4 - Duo 3 x 10 ²	10	10	3	3	yes
867 510 01	WKE 6 - Duo 5 x 10 ²	10	10	5	5	yes
867 600 01	WKE 6 - Duo 3 x 16 ²	16	16	3	3	yes
867 610 01	WKE 6 - Duo 5 x 16 ²	16	16	5	5	yes
867 630 01	WKE 6 T Duo 5 x 16 ²	16	16	5	5	yes
862 282 01	WKE 202 SL	6	-	5	-	no
862 283 01	WKE 203 SL	4	4	3	3	yes
862 382 01	WKE 302 SL	10	-	5	-	no
862 383 01	WKE 303 SL	10	10	5	5	yes
862 482 01	WKE 402 SL	16	-	5	-	no
862 483 01	WKE 403 SL	16	16	5	5	yes

Technical information

WKE 2-6 | WKE 6 T | WKE 200-400 SL

With fused junction

Order no.	Description	Max. conductor cross-section / mm ²		Number of poles		DUO terminal blocks allow differing conductor cross-sections on each terminal
		Cable connecting	Cable junction	Connection	Junction	
869 111 01	WKE 4 – 3/3 x 6 ² 1SB	6	6	3	3	no
869 121 01	WKE 4 – 5/3 x 6 ² 1SB	6	6	5	3	no
869 221 20	WKE 6 – 5/3 x 10 ² 1D0	10	4	5	3	yes
869 321 20	WKE 6 – 5/3 x 16 ² 1D0	16	4	5	3	yes
869 631 01	WKE 6 T 1D01	16	4	5	3	yes
869 632 01	WKE 6 T 2D01	16	4	5	4	yes
869 633 01	WKE 6 T 3D01	16	4	5	5	yes
862 281 01	WKE 204 SL	4	4	3	3	yes
862 384 01	WKE 304 SL	10	10	5	3	yes
862 485 01	WKE 404 SL 8 x 6 ² 2FS	6	6	3	3	yes
862 484 01	WKE 404 SL	16	10	5	3	yes



For communication lines

Order no.	Description	Max. conductor cross-section / mm ²		Number of poles		DUO terminal blocks allow differing conductor cross-sections on each terminal
		Cable connecting	Cable junction	Connection	Junction	
868 508 01	WKE 4 - 8 x 1,5 ²	2,5	1,5	8	8	no
868 516 01	WKE 6 - 16 x 1,5 ²	2,5	1,5	16	16	no
868 532 01	WKE 6 - 32 x 1,5 ²	2,5	1,5	32	32	no
862 405 01	WKE 405 LSA	0,8	0,8	40	-	LSA strip

Technical information










WKE 2-6 | WKE 6 T


WKE 2-6 / WKE 6 T - Cable entries

 Double membrane seals	 Clamping area
M16	5 - 9
M20	7-12
M25	9 - 16
M32	14 - 21
M40	19 - 28
M32/4	4x 3,5 - 6
M40/4	4x 6 - 9


 Cable gland	 Clamping area	 Rated torque
M16 x 1,5	4 - 10	2,5
M20 x 1,5	6 - 12	4
M20 x 1,5	7 - 14	4
M25 x 1,5	9 - 16	6
M32 x 1,5	11 - 21	7
M40 x 1,5	16 - 28	7,5

WKE 2-6 - Number of conductors that can be clamped per pin or clamping unit (depending upon the enclosure size)

	Terminal 6 ² Tightening torque 0,8 Nm			Terminal 10 ² Tightening torque 1,2 Nm			Terminal 16 ² Tightening torque 2,0 Nm		
									
0,5 ²	16	8	4						
0,75 ²	8	4	2						
1,0 ²	12	6	3	20	10	5			
1,5 ²	12	6	3	16	8	4	20	10	5
2,5 ²	4	2	1	12	6	3	16	8	4
4 ²	4	2	1	8	4	2	12	6	3
6 ²	4	2	1	4	2	1	8	4	2
10 ²				4	2	1	4	2	1
16 ²							4	2	1

 = Single terminal, 2 clamping points




 = Clamping point

 = Double terminal, 4 clamping points







Technical information



WKE 200-400 SL

WKE 200-400 SL - Cable entries

 Cable gland	 Clamping area	 Rated torque
M 20 x 1,5	6 - 13	4
M 25 x 1,5	6 - 15	6
M 25 x 1,5	9 - 19	6
M 32 x 1,5	17 - 26	7
M 40 x 1,5	17 - 27	7,5
M 50 x 1,5	23 - 34	7,5

WKE 200-400 SL - Connection of cables (depending on enclosure size)

 Rated cross-section	 Cable cross-section (single wire)	 Push-in terminal block (directly pluggable)	 Stripping length	 Rated insulation voltage	 Rated current
mm ²	mm ²	mm ²	mm		
6	0,5 - 6	2,5 - 6	13 - 15	450 V	41 A
10	0,5 - 10	4 - 10	17 - 19	450 V	57 A
16	0,5 - 16	6 - 16	18 - 20	450 V	76 A
6mm ² (Sicherungsklemme)	0,2 - 6	-----	12-13	450 V	10 A

 Cable gland	 Sealing area
M20	6 - 13
M25	6 - 15
M32	9 - 19
M40	17 - 27
M50	23 - 34



WKE 6
E30 E60 E90
IP66
UL es

WKE BK 1 Assembly Plate

for installationen on cable ducts



More information see page 20/21



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