

# FIRE PROTECTION JUNCTION BOX

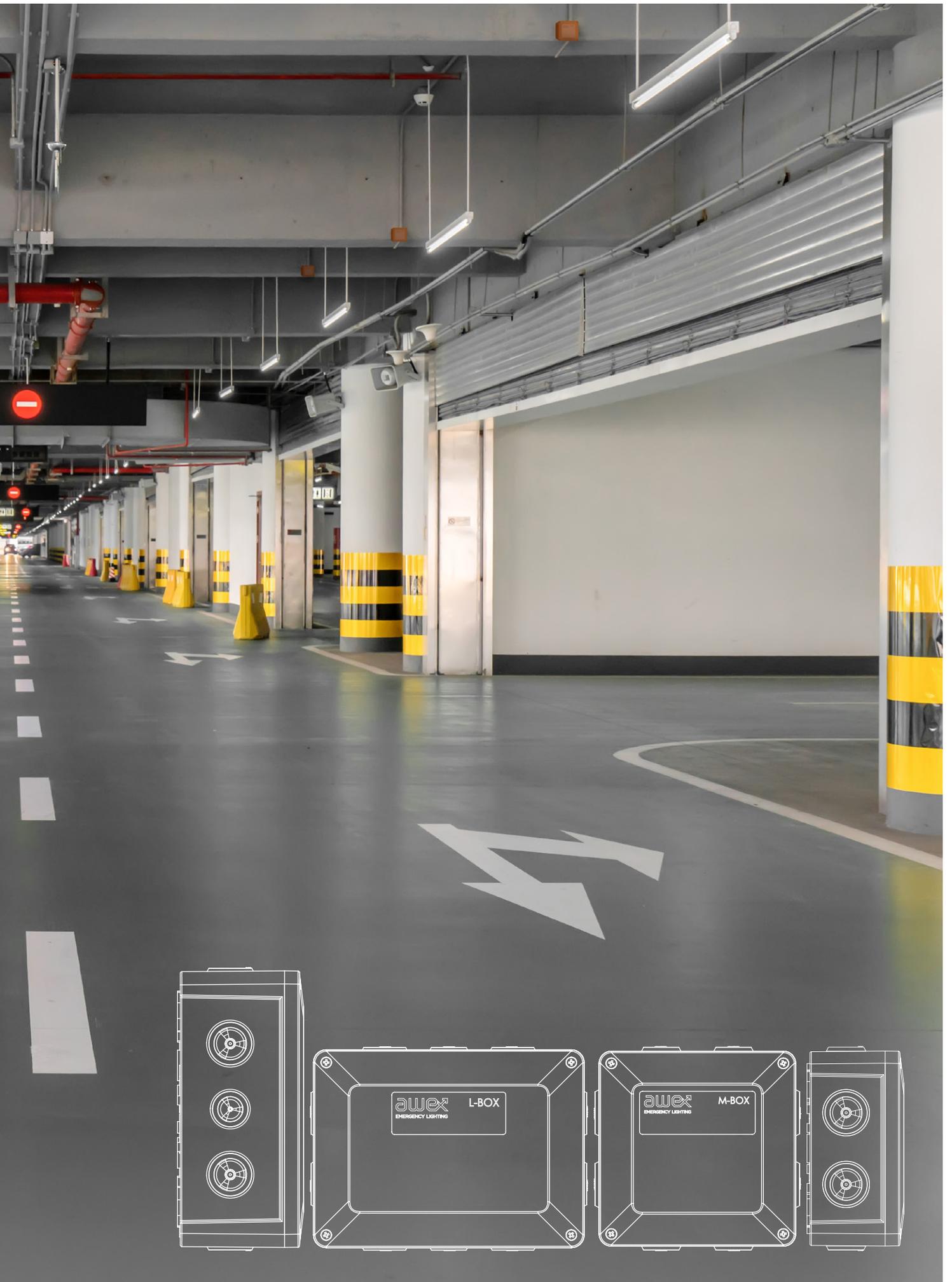
VER. 21.1



# FIRE PROTECTION JUNCTION BOX

## Continuous operation during fire conditions

The fireproof wiring box is designed for connecting and/or branching cables of installations which guarantee continuous operation during fire conditions.



# TYPE M-BOX



## Technical data

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Maintaining electrical functions E30 – E90

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Body made of polycarbonate, halogen-free

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High degree of protection IP65

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Through holes with a diameter of 4x25 [mm] and 4x20 [mm]

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Mounting surfaces: ceilings, cable trays

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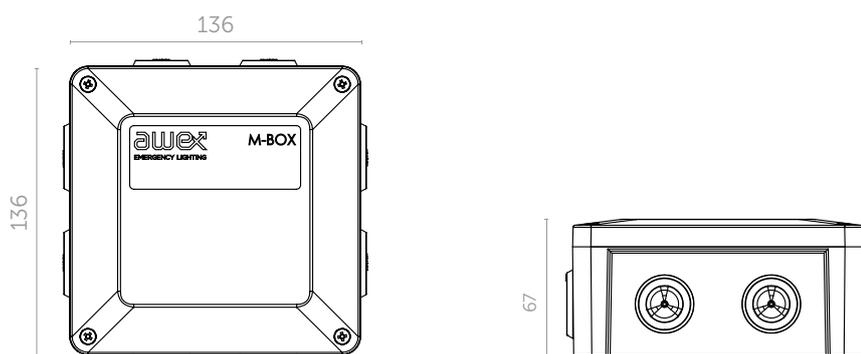
Ability to work in temperature from -25 to 55 [°C]

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Dimensions: 136x136x67 [mm]

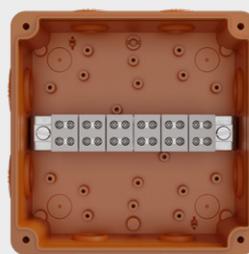
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## Dimensions [mm]



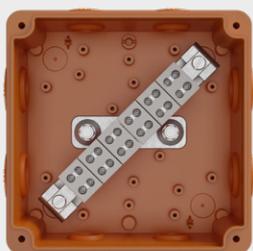


M-BOX v1p



M-BOX view of horizontal connector orientation

M-BOX v1s



M-BOX view of oblique connector orientation

M-BOX v1s with fuse



M-BOX view of oblique connector orientation

## Configurations

NAME	CODE	MAINTAINING ELECTRICAL FUNCTION	MAX CROSS-SECTION [mm <sup>2</sup> ]	CONNECTOR ORIENTATION	NUMBER OF TERMINAL BLOCKS	NUMBER OF CONNECTORS	WEIGHT [g]
Fire resistance wiring M-BOX v1p	FSB001	E60	6	horizontal	6	24	380
Fire resistance wiring M-BOX v1s	FSB002	E90	6	oblique	6	24	390
Fire resistance wiring M-BOX v2p	FSB003	E60	4	horizontal	6	12	340
Fire resistance wiring M-BOX v3p	FSB005	E90	4	horizontal	8	16	360
Fire resistance wiring M-BOX v4p	FSB007	E90	10	horizontal	4	8	400
Fire resistance wiring M-BOX v4s	FSB008	E90	10	oblique	5	10	450

# TYPE L-BOX



## Technical data

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Maintaining electrical functions E30 – E90

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Body made of polycarbonate, halogen-free

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High degree of protection IP65

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Through holes with a diameter of 8x25 [mm] and 2x20 [mm]

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Mounting surfaces: ceilings, cable trays

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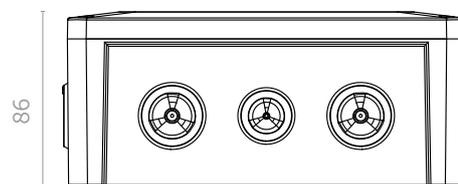
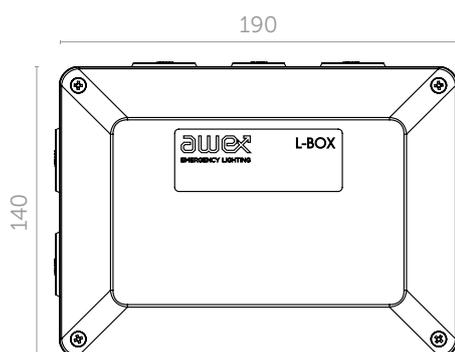
Ability to work in temperature from -25 to 55 [°C]

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Dimensions: 140x190x86 [mm]

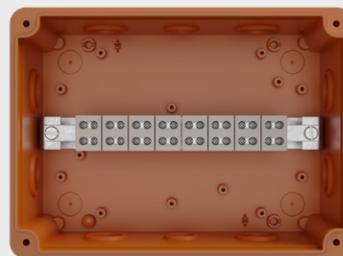
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## Dimensions [mm]





L-BOX v1p



L-BOX view of horizontal connector orientation

L-BOX v2s



L-BOX view of oblique connector orientation

L-BOX v2s with fuse

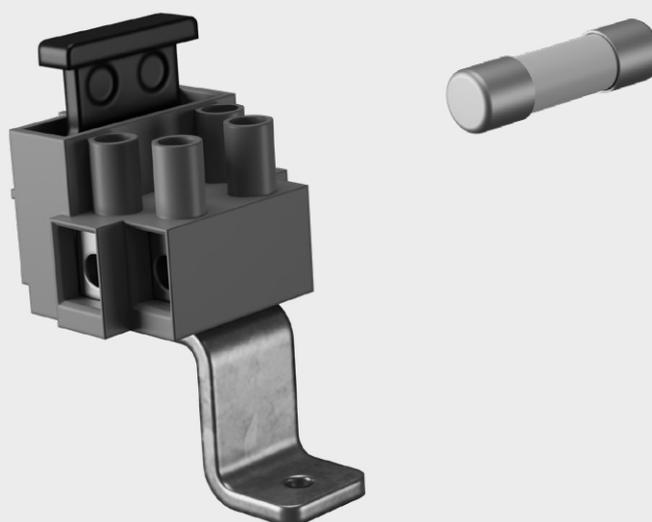


L-BOX view of oblique connector orientation

## Configurations

NAME	CODE	MAINTAINING ELECTRICAL FUNCTION	MAX CROSS-SECTION [mm <sup>2</sup> ]	CONNECTOR ORIENTATION	NUMBER OF TERMINAL BLOCKS	NUMBER OF CONNECTORS	WEIGHT [g]
Fire resistance wiring L- BOX v1p	FSB009	E90	6	horizontal	8	32	530
Fire resistance wiring L-BOX v1s	FSB010	E60	6	oblique	8	32	550
Fire resistance wiring L-BOX v2s	FSB012	E90	10	oblique	6	24	590
Fire resistance wiring L-BOX v3p	FSB013	E90	16	horizontal	6	14	570
Fire resistance wiring L-BOX v3s	FSB014	E60	16	oblique	6	14	590
Fire resistance wiring L-BOX v4p	FSB015	E90	16	horizontal	5	20	650
Fire resistance wiring L-BOX v4s	FSB016	E30	16	oblique	5	20	660
Fire resistance wiring L-BOX v5p	FSB017	E60	4	horizontal	12	24	520
Fire resistance wiring L-BOX v6p	FSB019	E30	4	horizontal	12	24	520
Fire resistance wiring L-BOX v6s	FSB020	E60	4	oblique	12	24	540
Fire resistance wiring L-BOX v7p	FSB021	E90	10	horizontal	7	14	510
Fire resistance wiring L-BOX v7s	FSB022	E90	10	oblique	7	14	630

# LINE FUSE



## Protection against overvoltages

The fuse for the branch line is designed to protect the main bus against any overvoltages arising from the side of the branch line or connection line.

### Technical data

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Fuse value 0,5A; 1A; 2,5A; 3,15A

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Max cross-section for fuse housing 2,5 mm<sup>2</sup>

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Body made of polycarbonate, halogen-free

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Mounting inside M-BOX or L-BOX

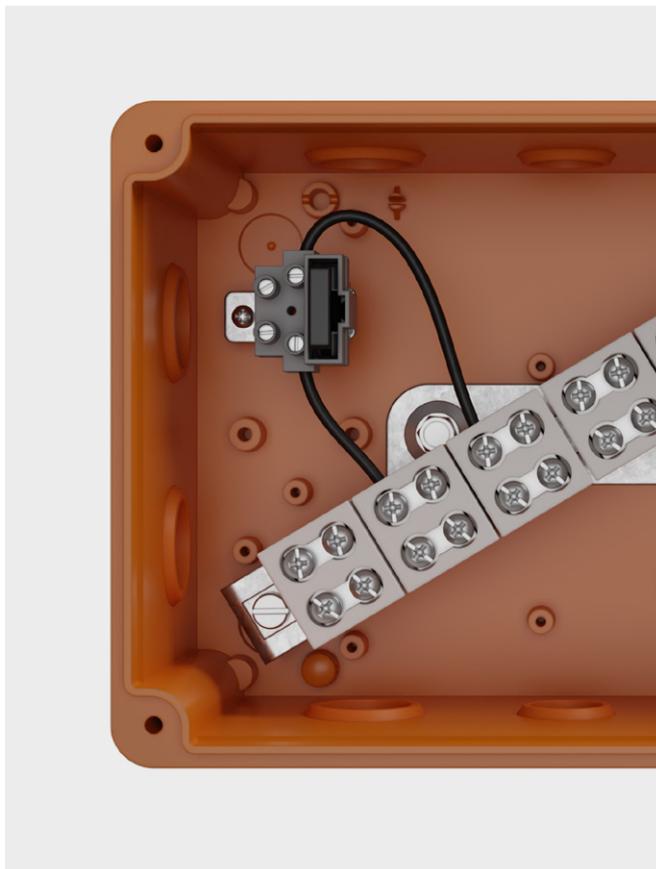
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Ability to work in temperature from -25 to 55 [°C]

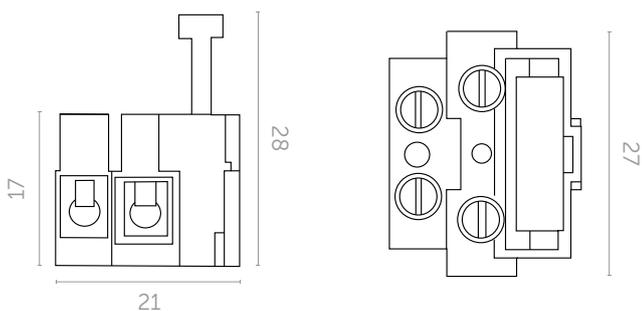
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Dimensions: 27x21x28 [mm]

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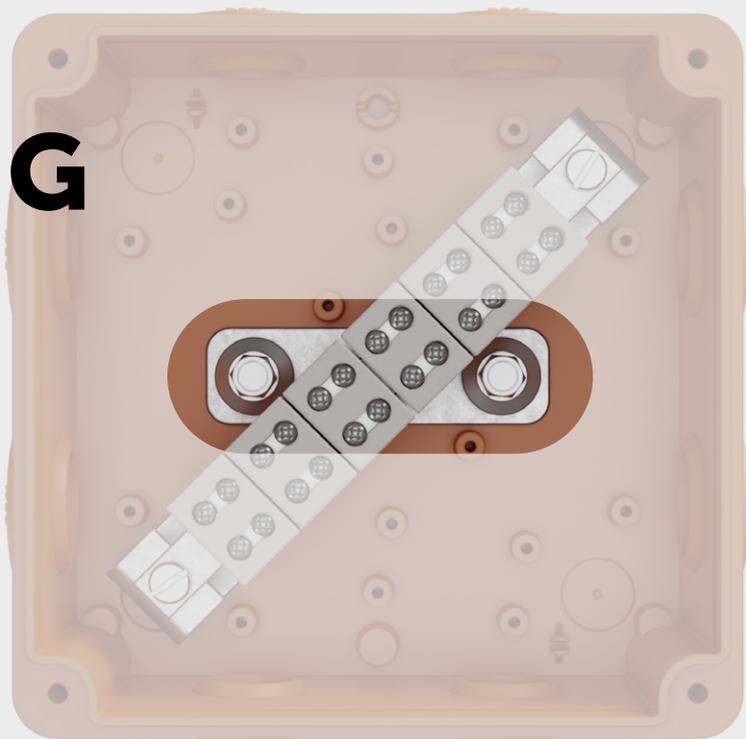
## Dimensions [mm]



## Configurations

NAME	CODE	FUSE VALUE
Fuse housing for M-BOX and L-BOX	FSB100	n/a
Distribution line fuse 0,5A	FSB101	0,5 [A]
Distribution line fuse 1A	FSB102	1 [A]
Distribution line fuse 2,5A	FSB103	2,5 [A]
Distribution line fuse 3,15A	FSB104	3,15 [A]

# MOUNTING KIT



## Mounting kit

Mounting kit adapted to be embedded in cracked concrete C20 / 25-C50 / 60, non-cracked concrete C20 / 25-C50 / 60, concrete reinforced, unreinforced concrete and in natural stone (after conducting tests).

Follow the instructions carefully producer's.

The permissible load is given for a single anchor installed in the cracked concrete zone (concrete tensile zone) with strength  $\geq$  C20 / 25. According to DIN 4102-12, the dowel may be used to perform the E90 function maintenance system routes in the case of fire.

## Technical data

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Dedicated to L-BOX or M-BOX

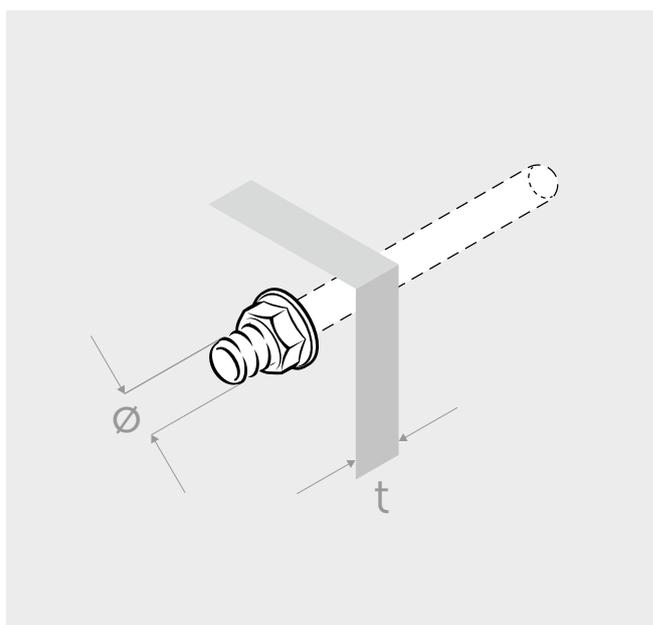
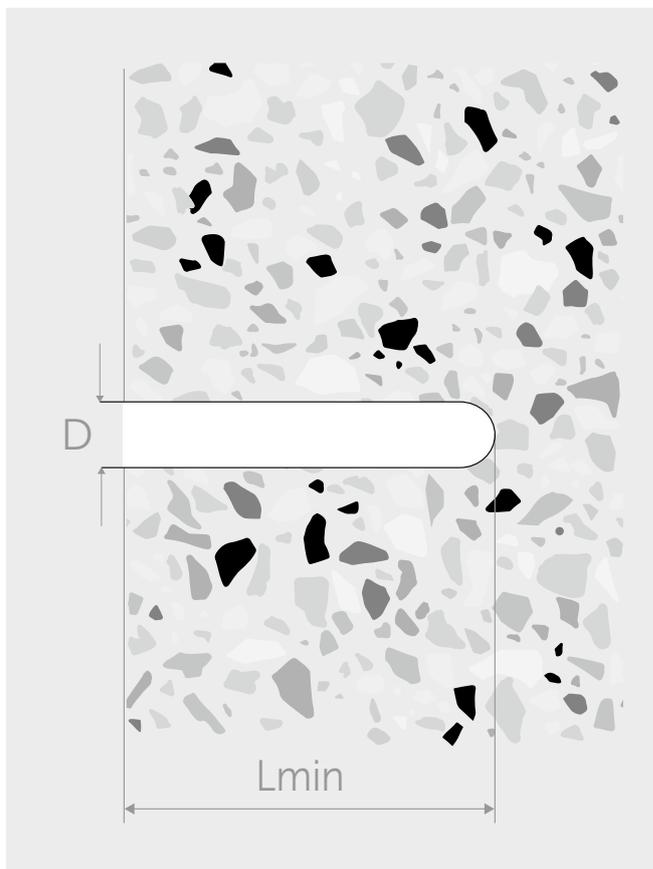
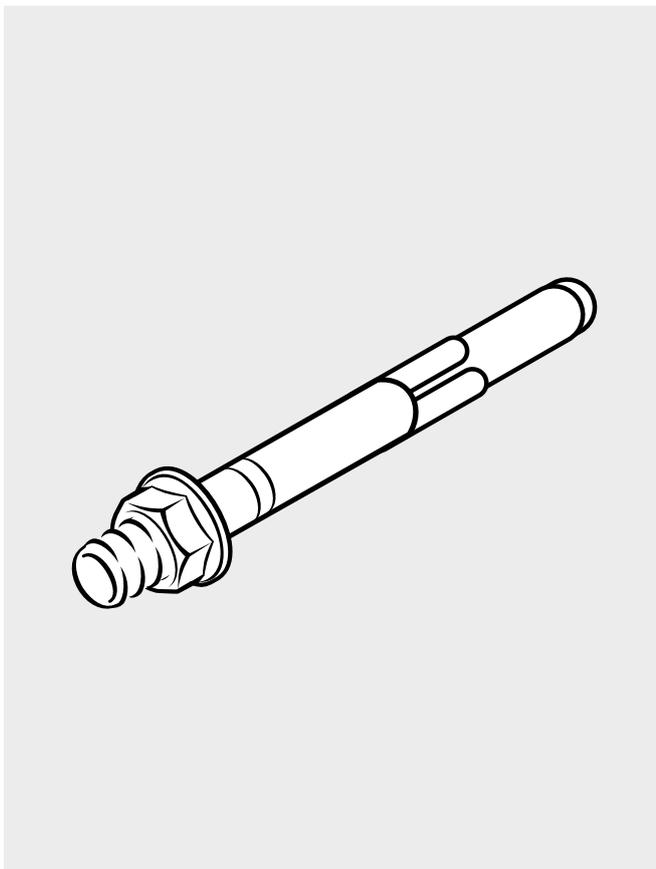
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Mounting surfaces: ceilings, wall

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Maintaining electrical functions E30 – E90

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## Parameters

NAME	CODE	Lmin	D	Ø	t
Mounting kit	WFSB000200	40 mm	6 mm	6 mm	0-30 mm

### LEGENDS:

Lmin: minimum depth

D: diameter

Ø: diameter

t: thickness



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DISTRIBUTOR

