

FIRE PROTECTION JUNCTION BOX

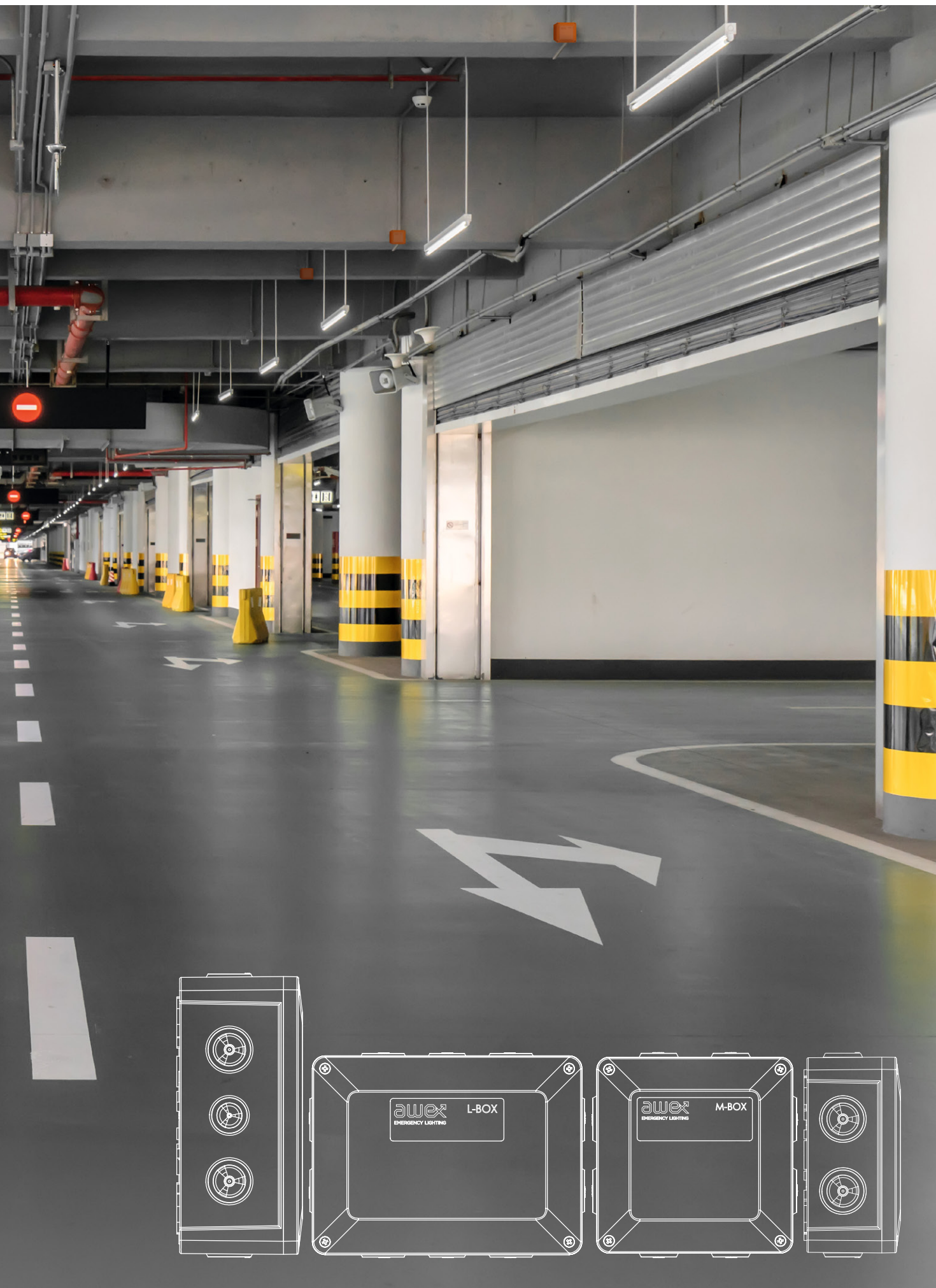
VER. 21.1



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

Maintaining electrical functions E30 – E90

Body made of polycarbonate, halogen-free

High degree of protection IP65

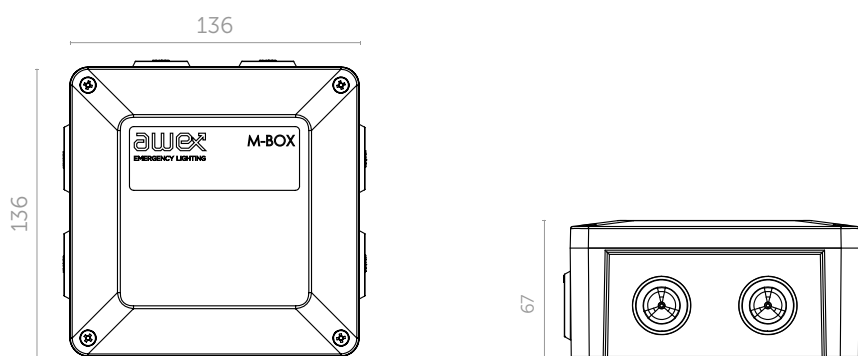
Through holes with a diameter of 4x25 [mm] and 4x20 [mm]

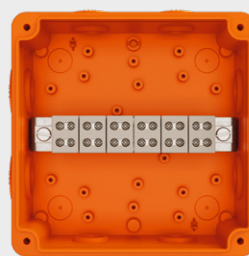
Mounting surfaces: ceilings, cable trays

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

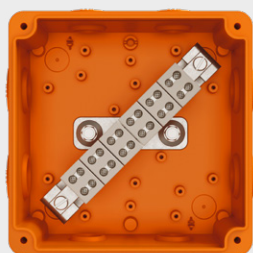
Dimensions: 136x136x67 [mm]

Dimensions [mm]

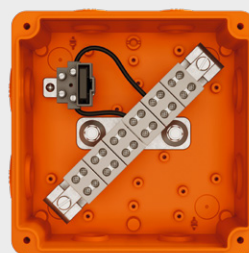


**M-BOX v1p**

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 ²]	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

Maintaining electrical functions E30 – E90

Body made of polycarbonate, halogen-free

High degree of protection IP65

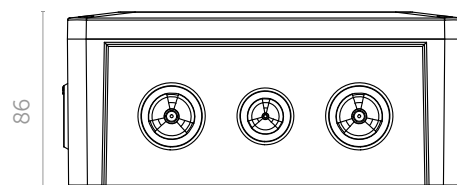
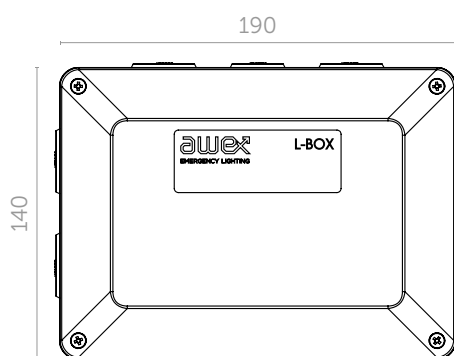
Through holes with a diameter of 8x25 [mm] and 2x20 [mm]

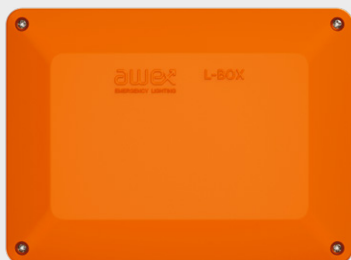
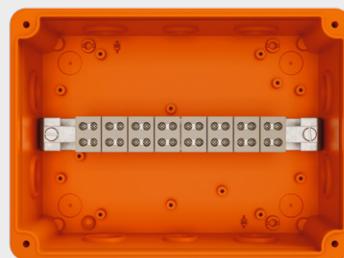
Mounting surfaces: ceilings, cable trays

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

Dimensions: 140x190x86 [mm]

Dimensions [mm]



**L-BOX v1p**

L-BOX view of horizontal connector orientation

L-BOX v2s

L-BOX view of oblique connector orientation

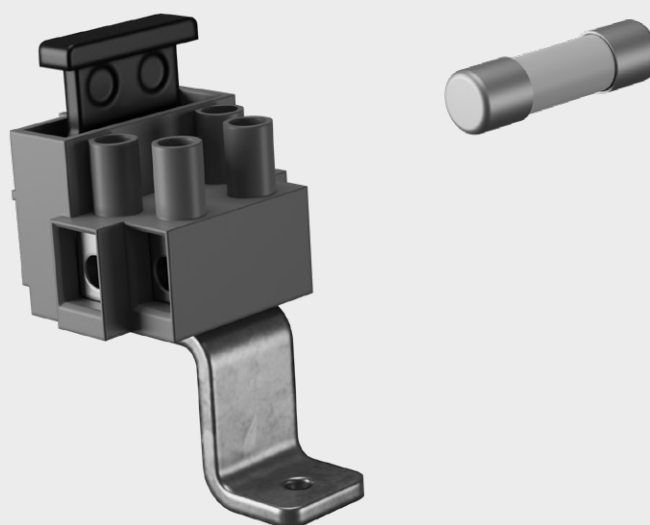
L-BOX v2s with fuse

L-BOX view of oblique connector orientation

Configurations

NAME	CODE	MAINTAINING ELECTRICAL FUNCTION	MAX CROSS-SECTION [mm ²]	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

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

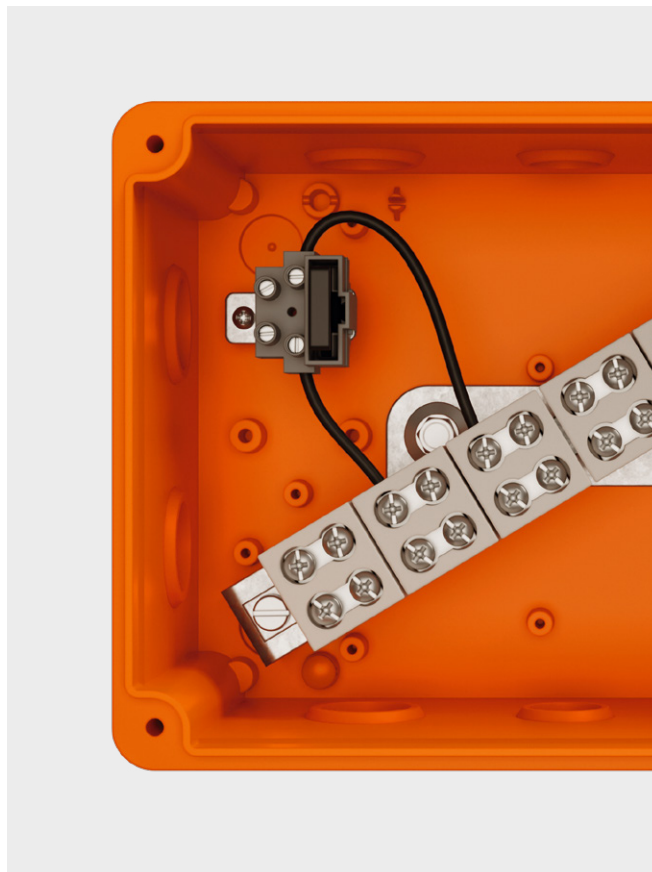
Max cross-section for fuse housing 2,5 mm²

Body made of polycarbonate, halogen-free

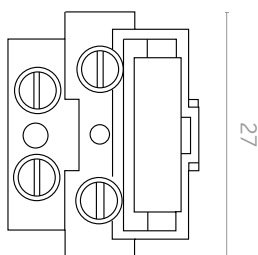
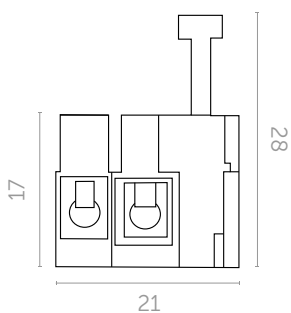
Mounting inside M-BOX or L-BOX

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

Dimensions: 27x21x28 [mm]



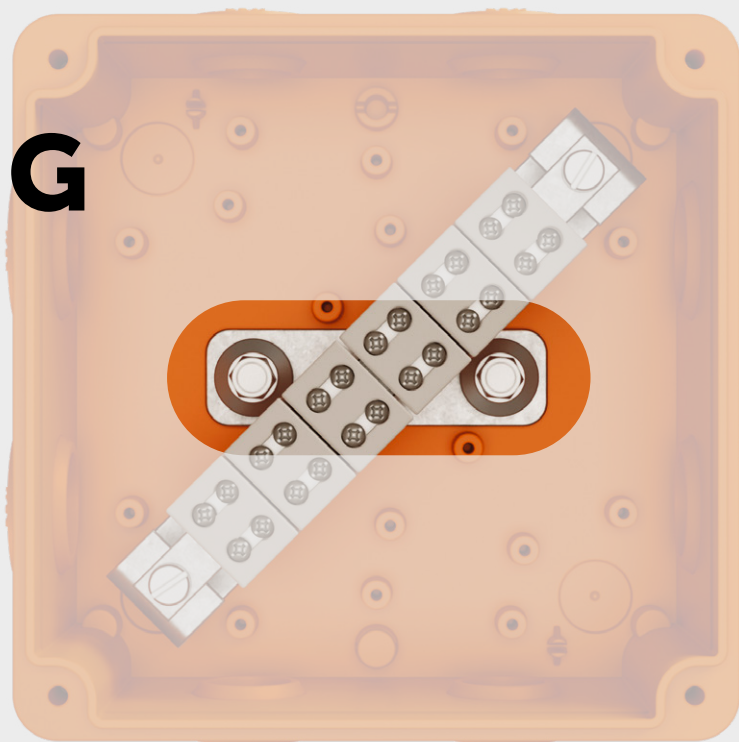
Dimensions [mm]



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.

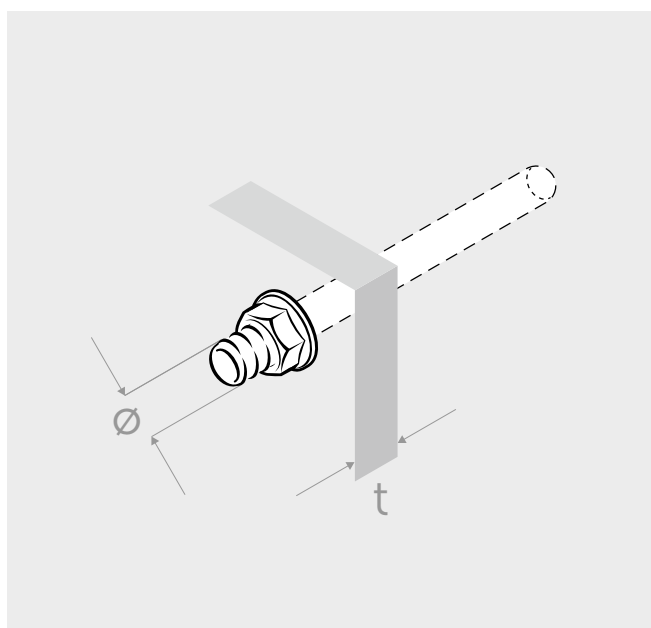
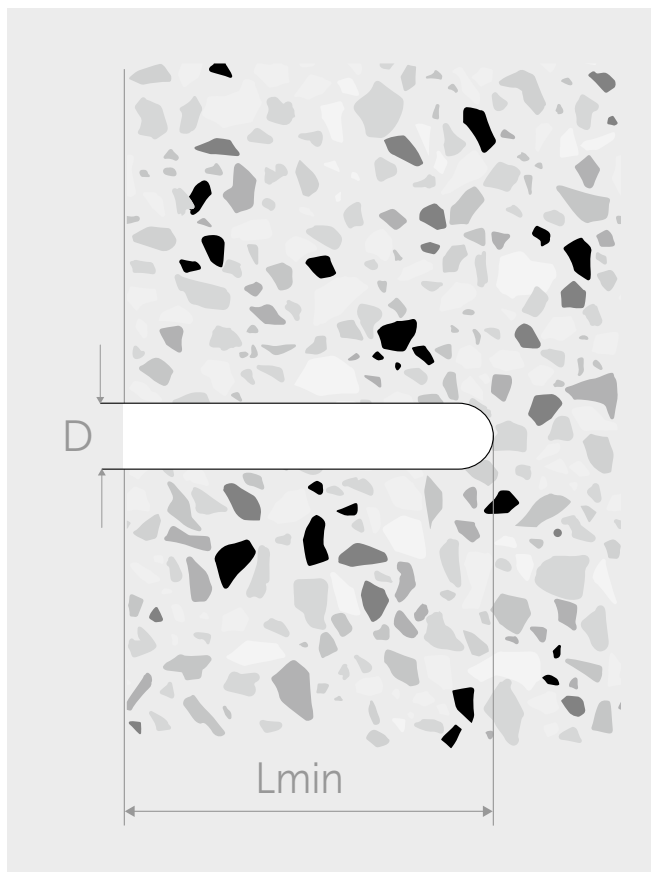
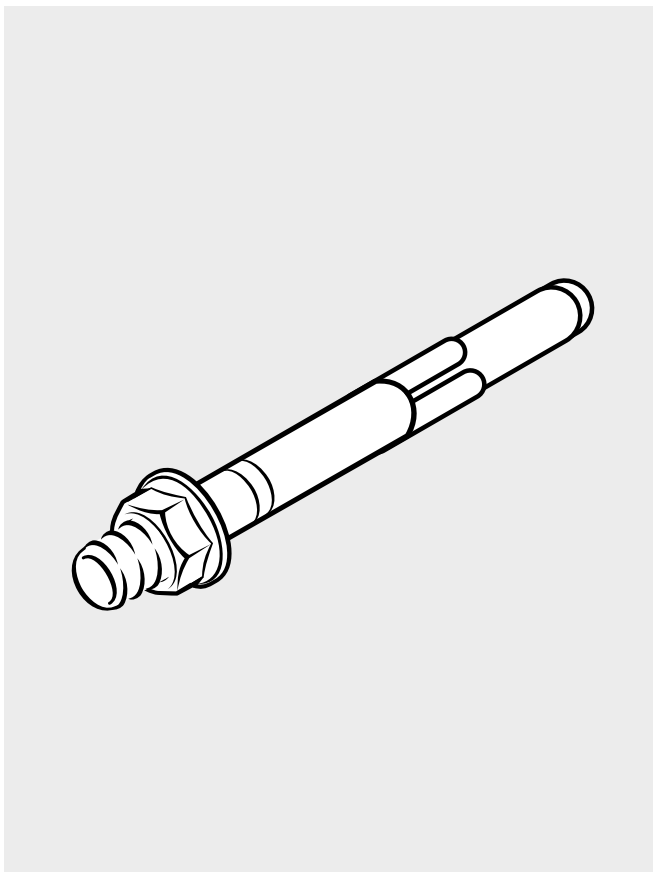
The permissible load is given for a single anchor installed in the cracked concrete zone (concrete tensile zone) with strength $\geq$ C20 / 25. According to DIN 4102-12, the dowel may be used to perform the E90 function maintenance system routes in the case of fire.

Technical data

Dedicated to L-BOX or M-BOX

Mounting surfaces: ceilings, wall

Maintaining electrical functions E30 – E90



Parameters

NAME	CODE	Lmin	D	Ø	t
Mounting kit	FSB200	40 mm	6 mm	6 mm	0-30 mm

LEGENDS:

Lmin: minimum depth

D: diameter

Ø: diameter

t: thickness



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DISTRIBUTOR

