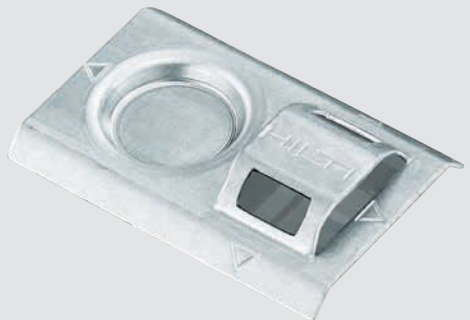




X-MCT-FE MX DATA SHEET

Metal cable tie holder

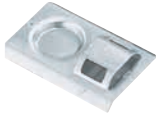


X-MCT-FE MX Metal cable tie holder

Product data

Wiring system

Cable tie holder
X-MCT-FE MX



Cable tie
Metal cable tie
Plastic cable tie

Features and benefits

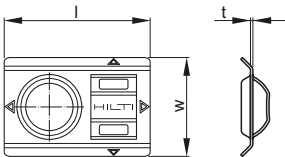
- Maintaining function of the fastener during fire
- Magnetic interface
- Bi-direction cable tying
- Fire test method following BS 7671
- Testing acc. to EN 1363-1: 2020-05

Environmental condition



Dry Indoor

Dimension



Width of the cable tie holder	Length of the cable tie holder	Thickness cable tie holder	Admissible cable tie width	
w	l	t	w_{min}	w_{max}
32.5 mm	48 mm	0.8 mm	4.9 mm	8 mm

w_{min} is based on testing requirements

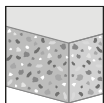
Material specification and material properties

Item no.	Element	Material	Coating	Process	Minimum coating thickness
2276133	X-MCT-FE MX	DX51 D	zinc	Pre-galvanizing	5 μ m

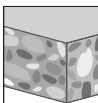
Corrosion resistance

For fastenings not directly exposed to external weather conditions or moist atmosphere.

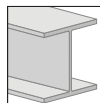
Base material



Soft concrete



Tough concrete



Steel



Masonry Solid brick

Load condition

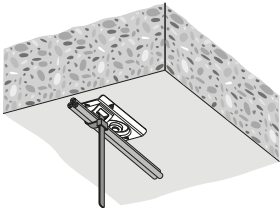


Static/quasi static



Fire resistance

Application



Fastening electrical installation to ceiling and wall

Admissible electrical installation

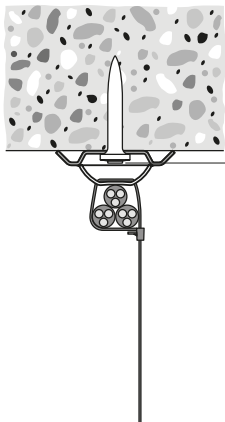
Electrical installations General cables

Load data

Recommended resistance under tension and shear load for fastening on soft and tough concrete and steel based on working load concept

Wiring system	Tension load N_{rec}	Shear load V_{rec}	Fire rating cable tie holder	Fire rating cable tie
X-MCT-FE MX	0.04 kN	0.04 kN	120 min.	Utilization of suitable cable tie acc. to national standards

Fastening quality assurance



Admissible fastener stand-off

$$h_{NVS, min} = 5 \text{ mm}$$

$$h_{NVS, max} = 11 \text{ mm}$$

System recommendation

Wiring system mounted with battery-actuated fastener

Element	Fastener						Battery-actuated tool	Base material			
	X-P 17 B3 MX	X-P 20 B3 MX	X-P 24 B3 MX	X-C 20 B3 MX	X-C 24 B3 MX	X-S 14 B3 MX		BX 3-ME	Soft concrete	Tough concrete	Steel
Name	X-P 17 B3 MX	X-P 20 B3 MX	X-P 24 B3 MX	X-C 20 B3 MX	X-C 24 B3 MX	X-S 14 B3 MX	BX 3-ME	Soft concrete	Tough concrete	Steel	Masonry Solid brick
X-MCT-FE MX	■	■					■	■	■		■
X-MCT-FE MX			■	■	■		■	■			■
X-MCT-FE MX						■	■			■	

■ recommended

Setting information

- Fastener setting information (e. g. base material properties, fastened material properties and setting energy) is part of the corresponding Product Data Sheet for fastener.
- Fastener guide X-GF B3-FG required for fastener setting with battery-actuated tool.