

# Technical data sheet

## Wall and support bracket MWAM 12

Item number: 6424554



Light-duty wall and support bracket including quick connector for use with cable trays of type RKSM.

Wall and support bracket MWAM.. including:

1. Two pre-mounted quick connectors for efficient cable tray fastening.
2. Truss-head bolt M10 x 25 for fastening on the U support.  
Including truss-head screw M10 x 25 for fastening to U supports.



St	Steel
FS	Strip galvanized

### Master data

Item number	6424554
Type	MWAM 12 31 FS
Description 1	Wall and support bracket
Description 2	including quick fastening
Manufacturer	OBO
Dimension	B310mm
Colour	zinc
Material	Steel
Surface	Strip galvanized
Surface standard	DIN EN 10346
Smallest sales unit	1
Unit of quantity	Piece
Weight	51.9 kg
Weight unit	kg/100 pc.
CO2 Footprint (GWP) Cradle-to-Gate	1,4403 kg CO2e / 1 Piece

### Dimensions

Length	38 mm
Width	310 mm
Width	12 in
Height	75 mm
Height	2.95 in
Dimension A	38 mm
Dimension B	310 mm
Dimension H	75 mm
Dimension W	310 mm

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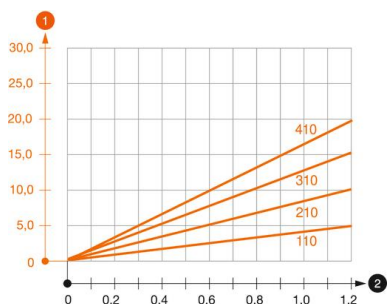
Item number: 6424554



### Technical data

Version for	Wall and support bracket
F in kN	1.2 kN
Maintain electrical functions	no
Hole diameter	11 mm
Rustproof steel, pickled	no
Angle range, max.	90 mm
Angle range, min.	90 mm

### Loads



#### Load diagram, bracket type MWAM 12

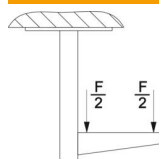
- 1 Bending of the bracket tip at permitted bracket load
- 2 Permitted bracket load in kN without man load
- Load curve with bracket lengths in mm

### Characteristic anchor load values for wall and support bracket MWAM 12

Wall fastening	Max. load [kN] Bracket width [mm]
Anchor type	<TEXT><P>110</P></TEXT>, <TEXT><P>210</P></TEXT>, <TEXT><P>310</P></TEXT>, <TEXT><P>410</P></TEXT>
BZ3 10x90/0-30	<TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>

Max. Belastung F ges. = Kabelgewicht + Kabelrinne + Ausleger. Die angegebenen Werte basieren auf gerissenem Beton der Festigkeitsklasse C20/25. Die Einbaubedingungen der ETA-Zulassung (Dübel) sind zu beachten!

### Load values for MWAM 12 on support



Support	Max. total load F in kN Bracket length in mm
	<TEXT><P>100</P></TEXT>, <TEXT><P>200</P></TEXT>, <TEXT><P>300</P></TEXT>, <TEXT><P>400</P></TEXT>
US 3 K/ 20 - 60	<TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>
US 3 K/ 70 - 120	<TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>
US 5 K/ 20 - 60	<TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>
US 5 K/ 70 - 120	<TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>, <TEXT><P>1.2</P></TEXT>