

Color: ■ dark gray/yellow

Physical data

Width	17.5 mm / 0.689 inches
Height	77.6 mm / 3.055 inches
Depth from upper-edge of DIN-rail	25.5 mm / 1.004 inches

Mechanical data

Mounting type	DIN-35 rail Screw mount
Suitable	for 2-, 3- and 5-conductor 221 Series Splicing Connectors (4 mm ²)

Material data

Note (material data)	Information on material specifications can be found here
Color	dark gray/yellow
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	VO
Fire load	0.294 MJ
Weight	9.8 g

Commercial data

PU (SPU)	50 (10) pcs
Packaging type	Box
Country of origin	CN
GTIN	4055143833431
Customs tariff number	39269097900

Product classification

UNSPSC	39121702
ETIM 9.0	EC002848
ETIM 8.0	EC002848
ECCN	NO US CLASSIFICATION

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Compliance Search

Environmental Product
Compliance
221-500/000-053**Documentation****Bid Text**

221-500/000-053	xml 3.17 KB	
221-500/000-053	docx 30.29 KB	

CAD/CAE-Data**CAD data**

2D/3D Models 221-500/000-053	
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CAE data

EPLAN Data Portal 221-500/000-053	
ZUKEN Portal 221-500/000-053	

1 Compatible Products**1.1 Optional Accessories****1.1.1 Marking****1.1.1.1 Marking strip**

Item No.: 210-833

Marking strips; 25 m on roll; 6 mm wide;
plain; Self-adhesive; white

1.1.2 Mounting adapter

1.1.2.1 Mounting accessories



Item No.: 222-510

Angled DIN-rail adapter; in combination with mounting carrier; 221-500 or 222-500; for DIN-35 rail mounting; gray

Item No.: 222-505

Strain relief plate; for mounting carrier; 221 or 222 Series, can be snapped

Installation Notes

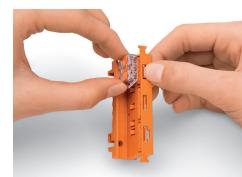
Conductor termination



CAGE CLAMP® connection:

Conductor termination with connectors fitted in a mounting carrier

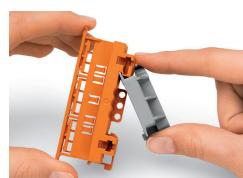
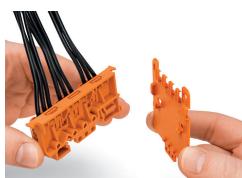
Removing a conductor.



Inserting a connector into the mounting carrier.

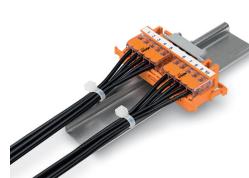
Inserting a connector into the mounting carrier.

Removing a connector from the mounting carrier.



Securing a strain relief plate (222-505) to the mounting carrier.

Snapping the angled DIN-rail adapter (222-510) onto the mounting carrier.



Horizontal mounting on DIN-35 rail using an angled DIN-rail adapter

Horizontal mounting on DIN-35 rail using an angled DIN-rail adapter



Horizontal screw mounting with strain relief plate on a flat surface

Vertical mounting with strain relief plate on DIN-35 rail



Strain relief via cable ties on the mounting carrier (transverse to the connectors' wiring direction) – clamping units labeled via marking strips (210-334)

Vertical screw mounting with strain relief plate on a flat surface



Mounting carrier on a DIN-35 rail

Testing



Testing connectors via test slots on top of the carrier.