


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 mm²)

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	V0
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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Environmental Product Compliance

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	↓

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

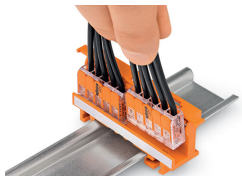
Conductor termination



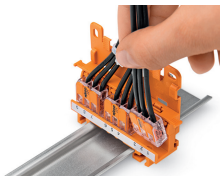
CAGE CLAMP® connection:
Conductor termination with connectors fitted in a mounting carrier



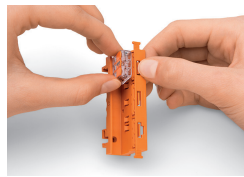
Removing a conductor.



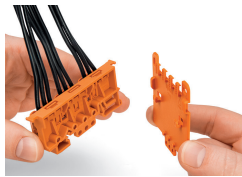
Inserting a connector into the mounting carrier.



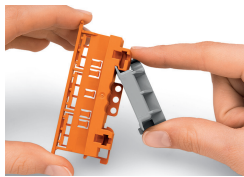
Inserting a connector into the mounting carrier.



Removing a connector from the mounting carrier.



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



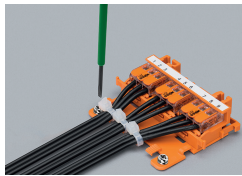
Snapping the angled DIN-rail adapter (222-510) onto the mounting carrier.



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



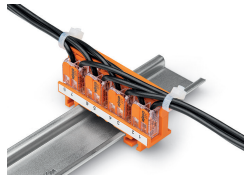
Horizontal mounting on DIN-35 rail using an angled DIN-rail adapter



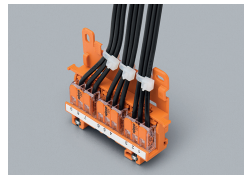
Horizontal screw mounting with strain relief plate on a flat surface



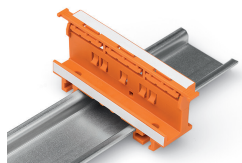
Vertical mounting with strain relief plate on DIN-35 rail



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.