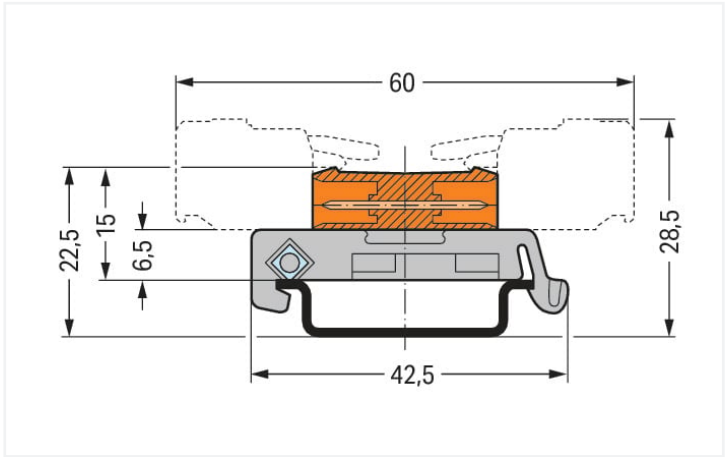




Color: ■ orange



Dimensions in mm
Total length = (pole no. – 1) x pin spacing + 8.2 mm

- Allow MCS Female Connectors fitted with wire harness or cable assembly to be plugged together
- Adapter for DIN-35 rail mounting
- Coding via coding keys on both sides

Notes

Safety information

Other pole numbers
Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Electrical data				
Ratings per		IEC/EN 60664-1		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		500 V	630 V	1000 V
Rated surge voltage		6 kV	6 kV	6 kV
Rated current		12 A	12 A	12 A
Approvals per		UL 1977		
Rated voltage		600 V		
Rated current		15 A		
Approvals per		UL 1059		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		15 A	-	10 A
Approvals per		CSA		
Use group		B	C	D
Rated voltage		300 V	-	300 V
Rated current		15 A	-	10 A



Connection data		
Total number of potentials	9	Connection 1
Number of connection types	1	
Number of levels	1	
		Pole number 9

Physical data		
Pin spacing		7.62 mm / 0.3 inches
Width		68.96 mm / 2.715 inches
Height		25.9 mm
Height from the surface		6.5 mm
Height from upper-edge of DIN-rail		15 mm / 0.591 inches
Depth		42.5 mm / 1.673 inches

Mechanical data		
Variable coding		Yes
Mounting type		DIN-35 rail
Anti-rotation protection		Yes

Plug-in connection		
Contact type (pluggable connector)		Male connector/plug
Connector (connection type)		for pluggable connector
Mismating protection		No

Material data		
Note (material data)		Information on material specifications can be found here
Color		orange
Material group		I
Insulation material		Polyamide (PA66)
Flammability class per UL94		V0
Contact material		Electrolytic copper (E _{Cu})
Contact plating		Tin
Fire load		0.277 MJ
Weight		12 g

Environmental requirements		
Limit temperature range		-60 ... +100 °C
Processing temperature		-35 ... +60 °C



Commercial data		
Product Group	3 (Multi Conn. System)	
eCl@ss 10.0	27-14-11-06	
eCl@ss 9.0	27-14-11-06	
ETIM 8.0	EC001284	
ETIM 7.0	EC001284	
PU (SPU)	10 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4045454340643	
Customs tariff number	85366930000	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates					
General approvals			Approvals for marine applications		
			  		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-39756/A1	ABS American Bureau of Ship- ping	-	19-HG15869876-PDA
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-121453	BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV
UR Underwriters Laboratories Inc.	UL 1977	E45171	DNV DNV GL SE	EN 60998	TAE000016Z
UR Underwriters Laboratories Inc.	UL 1059	E45172			

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 232-589/007-000	

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2010.85 KB	



CAD/CAE-Data

CAE data

EPLAN Data Portal
232-589/007-000

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 231-709/026-000

1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 7.62 mm; 9-pole; 2,50 mm²; orange

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



Item No.: 231-130

Coding key; snap-on type; light gray

1.2.2 DIN-rail

1.2.2.1 Mounting accessories



Item No.: 210-196

Aluminum carrier rail; 35 x 8.2 mm; 1.6 mm thick; 2 m long; unslopped; similar to EN 60715; silver-colored



Item No.: 210-198

Copper carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslopped; according to EN 60715; copper-colored



Item No.: 210-508

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slopped; galvanized; similar to EN 60715; silver-colored



Item No.: 210-197

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; slopped; similar to EN 60715; silver-colored



Item No.: 210-506

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslopped; galvanized; similar to EN 60715; silver-colored



Item No.: 210-114

Steel carrier rail; 35 x 15 mm; 1.5 mm thick; 2 m long; unslopped; similar to EN 60715; silver-colored



Item No.: 210-118

Steel carrier rail; 35 x 15 mm; 2.3 mm thick; 2 m long; unslopped; according to EN 60715; silver-colored



Item No.: 210-115

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; according to EN 60715; "Hole width 18 mm; silver-colored



Item No.: 210-112

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; according to EN 60715; "Hole width 25 mm; silver-colored



Item No.: 210-504

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; slopped; galvanized; according to EN 60715; silver-colored



Item No.: 210-113

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslopped; according to EN 60715; silver-colored

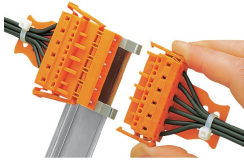


Item No.: 210-505

Steel carrier rail; 35 x 7.5 mm; 1 mm thick; 2 m long; unslopped; galvanized; according to EN 60715; silver-colored

Installation Notes

Application



Female connectors with locking levers