



Color: ■ gray

Physical data	
Width	50 mm / 1.969 inches
Height	4 mm / 0.157 inches
Jumper assignment	1-2-3-4-5-6-7-8-9-10

Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Insulation material	Polyamide (PA66)
Fire load	0.032 MJ
Weight	5 g

Commercial data	
eCl@ss 10.0	27-14-11-40
eCl@ss 9.0	27-14-11-40
ETIM 8.0	EC000489
ETIM 7.0	EC000489
PU (SPU)	50 (25) pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918846097
Customs tariff number	85366990990

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance 280-490			↓

Documentation

Bid Text			
280-490	27.04.2017	doc 24.00 KB	↓
280-490	19.02.2019	xml 2.54 KB	↓

CAD/CAE-Data

CAD data	
2D/3D Models 280-490	↓

CAE data	
EPLAN Data Portal 280-490	↓
WSCAD Universe 280-490	↓
ZUKEN Portal 280-490	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Tool

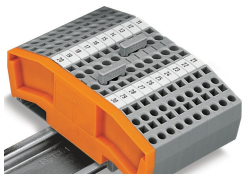
1.1.1.1 Operating tool



[Item No.: 280-440](#)
Operating tool; made of insulating material; 10-way

Installation Notes

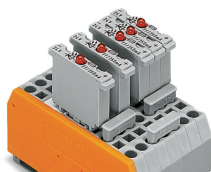
Commoning



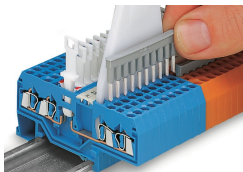
Commoning using comb-style jumper bars.
Push comb-style jumper bars down until fully inserted.

Commoning

4-conductor through terminal blocks,
angled type,
formation of groups with 3-way, comb-style
jumper bars

Commoning

Carrier terminal blocks with component
plugs,
alternate comb-style jumper bars,
3-way comb-style jumper bar

Commoning

Commoning front-entry disconnect terminal
blocks via comb-style jumper bar
using a 10-pole operating tool