



Color: ■ gray

Physical data	
Width	60 mm / 2.362 inches
Height	5 mm / 0.197 inches
Jumper assignment	1-2-3-4-5-6-7-8-9-10

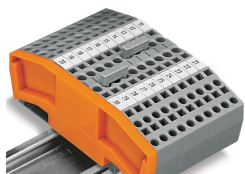
Material data	
Note (material data)	Information on material specifications can be found here
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.046 MJ
Weight	8.2 g

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	4044918524308
Customs tariff number	85366990990



Environmental Product Compliance				
RoHS Compliance Status		Compliant, No Exemption		
Downloads				
Environmental Product Compliance				
Compliance Search				
Environmental Product Compliance 281-490				
Documentation				
Additional Information		Bid Text		
Technical Section	pdf 2142.18 KB			
		281-490	19.02.2019	xml 2.54 KB
				
		281-490	28.04.2017	doc 24.00 KB
				
CAD/CAE-Data				
CAD data		CAE data		
2D/3D Models 281-490		EPLAN Data Portal 281-490		
		WSCAD Universe 281-490		
		ZUKEN Portal 281-490		
1 Compatible Products				
1.1 Optional Accessories				
1.1.1 Tool				
1.1.1.1 Operating tool				
				
Item No.: 281-440 Operating tool; made of insulating material; 5-way				
Installation Notes				

Commoning



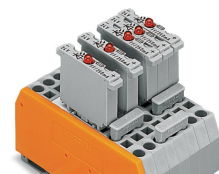
Commoning using comb-style jumper bars.
Push comb-style jumper bars down until fully inserted.

Commoning



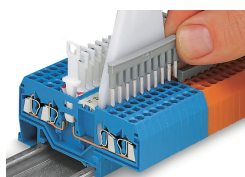
4-conductor through terminal blocks,
angled type,
formation of groups with 3-way, comb-style jumper bars

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