



Color: ■ gray

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	800 V
Rated current	90 A

Physical data

Jumper assignment	1-2
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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	0.083 MJ
Weight	12 g

Commercial data

Product Group	1 (Rail Mounted Terminal Blocks)
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	4045454910945
Customs tariff number	85366990990



Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals			Approvals for hazardous areas		
					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	154112	AEx Underwriters Laboratories Inc.	UL 60079	E185892 (AEx eb II C resp. Ex eb II C)
UL Underwriters Laboratories Inc.	UL 1059	E45172			

Downloads

Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 285-430	

Documentation

Additional Information			Bid Text		
Technical Section	pdf 2240.62 KB		285-430	19.02.2019 xml 2.56 KB	
			285-430	28.04.2017 doc 22.00 KB	

CAD/CAE-Data

CAD data		CAE data	
2D/3D Models 285-430		EPLAN Data Portal 285-430	
		WSCAD Universe 285-430	
		ZUKEN Portal 285-430	

Installation Notes

Commoning



Commoning 35 mm² (2 AWG) POWER CLAMP Terminal Blocks with 10/16 mm² (8/6 AWG) 2010 and 2016 Series TOPJOB® S Terminal Blocks using step-down jumpers (not valid for 2016-76xx and 2016-77xx).

Step-down jumpers common terminal blocks of different sizes, without losing a conductor clamping point. This can be beneficial on long conductor runs where voltage drop can be a problem. A large conductor can be easily connected to smaller conductors at the distribution point.

Step-down jumpers are simply pushed down for full insertion, similar to adjacent jumpers. Commoning may be made in either direction using the special thin end plate to cover the open side. Additional through terminal blocks having a smaller cross-section may be commoned using adjacent jumpers.

The following should be noted:

The total current of the outgoing circuits does not exceed the nominal current of the step-down jumper.