

Data sheet | Item number: 285-447

Power tap; for 50 mm² high-current tbs; Module width 16 mm; 6,00 mm²; gray



Data

Electrical data

IEC Approvals

Ratings per	IEC/EN 60947-7-1
Rated voltage (III / 3)	1000 V
Rated surge voltage (III/3)	8 kV
Rated current	41 A

UL Approvals

Approvals per	UL 1059
Rated voltage UL (Use Group B)	600 V
Rated current UL (Use Group B)	30 A
Rated voltage UL (Use Group C)	600 V

Subject to changes. Please also observe the further product documentation!



Rated current UL (Use Group C)	30 A
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CSA Approvals

Approvals per	C22.2 No 158
Rated voltage CSA (Use Group B)	600 V
Rated current CSA (Use Group B)	41 A
Rated voltage CSA (Use Group C)	600 V
Rated current CSA (Use Group D)	41 A

Connection data

Connection technology	CAGE CLAMP®
Solid conductor	0.2 ... 6 mm ² / 24 ... 10 AWG
Fine-stranded conductor	0.2 ... 6 mm ² / 24 ... 10 AWG
Strip length	12 ... 13 mm / 0.47 ... 0.51 inch
Total number of connection points	2
Total number of potentials	2
Wiring type	Front-entry wiring

Physical data

Width	16 mm / 0.63 inch
Module width	16 mm / 0.63 inch

Mechanical data

Design	angled
Marking level	Center marking

Material data

Color	gray
Fire load	0.168 MJ
Weight	13 g

Commercial data





Product Group	1 (Rail Mounted Terminal Blocks)
Packaging type	BOX
Country of origin	DE

Subject to changes. Please also observe the further product documentation!




GTIN	4045454549657
Customs tariff number	8536698000

Approvals / Certificates

Ex-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	AEx Underwriters Laboratories Inc.	-	E185892 sec. 4
	ATEX Physikalisch Technische Bundesanstalt	EN 60079-0	PTB 98 ATEX 3134 U (II 2 G Ex eb IIC Gb or I M 2 Ex eb I Mb)
	CCCEX CQST/CNEX	CNCA-C23-01	2020312313000177
	IECEX Physikalisch Technische Bundesanstalt	IEC 60079-0	IECEX PTB 16.0001 U (Ex eb IIC Gb or Ex eb I Mb)

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60947	NTR NL- 7707
	CSA DEKRA Certification B.V.	C22.2 No. 158	1151144
	KEMA/KEUR DEKRA Certification B.V.	EN 60947	71- 101911

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS	EN 60947	20-

Subject to changes. Please also observe the further product documentation!



American Bureau of Shipping


HG1941090-PDA



DNV GL
Det Norske Veritas, Germanischer Lloyd


TAE00001V2

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1059	E45172

Compatible products

Protective Warning Marker

-  **Item no.: 282-415**
Protective warning marker; with high-voltage symbol, black; for 5 terminal blocks; yellow

Marking accessories

- * **Item no.: 2009-115**
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white
- * **Item no.: 2009-115/000-002**
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; yellow
- * **Item no.: 2009-115/000-006**
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; blue
- * **Item no.: 2009-115/000-007**
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; gray
- * **Item no.: 2009-115/000-012**
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; orange
- * **Item no.: 2009-115/000-017**
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

Subject to changes. Please also observe the further product documentation!

Item no.: 2009-115/000-023

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item no.: 2009-115/000-024

WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Item no.: 793-501

WMB marking card; as card; not stretchable; plain; snap-on type; white

Item no.: 793-501/000-002

WMB marking card; as card; not stretchable; plain; snap-on type; yellow

Item no.: 793-501/000-005

WMB marking card; as card; not stretchable; plain; snap-on type; red

Item no.: 793-501/000-006

WMB marking card; as card; not stretchable; plain; snap-on type; blue

Item no.: 793-501/000-007

WMB marking card; as card; not stretchable; plain; snap-on type; gray

Item no.: 793-501/000-012

WMB marking card; as card; not stretchable; plain; snap-on type; orange

Item no.: 793-501/000-017

WMB marking card; as card; not stretchable; plain; snap-on type; light green

Item no.: 793-501/000-023

WMB marking card; as card; not stretchable; plain; snap-on type; green

Item no.: 793-501/000-024

WMB marking card; as card; not stretchable; plain; snap-on type; violet

Item no.: 793-5501

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white

Item no.: 793-5501/000-002








WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow

Item no.: 793-5501/000-005

WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

Subject to changes. Please also observe the further product documentation!



	Item no.: 793-5501/000-006 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue
	Item no.: 793-5501/000-007 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray
	Item no.: 793-5501/000-012 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange
	Item no.: 793-5501/000-014 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown
	Item no.: 793-5501/000-017 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green
	Item no.: 793-5501/000-023 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green
	Item no.: 793-5501/000-024 WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet

Downloads

Documentation

Bid Text

285-447 X81 - Datei	Feb 19, 2019	xml 3.2 kB
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285-447 doc - Datei	Feb 27, 2017	doc 24.1 kB
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Additional Information

Technical explanations	Apr 3, 2019	pdf 2.2 MB
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CAD files

CAD data

2D/3D Models 285-447

Subject to changes. Please also observe the further product documentation!

2D/3D Models 285-447

CAE data

WSCAD Universe 285-447

ZUKEN Portal 285-447

EPLAN Data Portal 285-447

Environmental Product Compliance

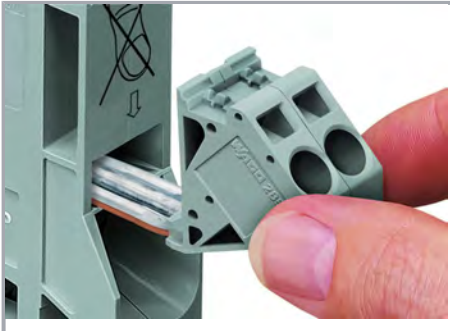
Compliance Search

Environmental Product Compliance 285-447

Power tap; for 50 mm² high-current tbs; Module width 16 mm; 6,00 mm²; gray

Installation Notes

Installation



Easily and consistently tap directly into the power supply. Insert the unwired tap before opening the clamping unit.

Product family

POWER CAGE CLAMP

[Show all products from the family](#)

Subject to changes. Please also observe the further product documentation!
