Data Sheet | Item Number: 285-1165

Three phase set; with 185 mm² high-current terminal block; with fixing flanges; copper; 185 mm²; POWER CAGE CLAMP; 185,00 mm²; multicoloured

https://www.wago.com/285-1165

Color: ☐ multi-colored

Three-phase set, 285 Series, t-wrench und 8 mm

Enjoy fault-free electrical installations with this three-phase set (item number 285-1165). Strip lengths must be between 45 mm and 47 mm when connecting conductors to this three-phase set. Featuring conductor terminals along with POWER CAGE CLAMP, this product is highly versatile. The POWER CAGE CLAMP is perfect for connecting large conductor cross-sections. This universal connector is both reliable and maintenance-free. What's more, you can use it to connect all types of conductors and the clamping point can be locked open, making it easier to use. You do not need to use a torque wrench or prepare the conductor. For example, crimping ferrules is not necessary. This three-phase set is suitable for conductor cross sections ranging from 50 mm² to 185 mm². It has one level. You can connect four potentials using the ten clamping points. The multi-colored housing is made of polyamide (PA66) for insulation.

This item includes:

Item No.: 285-1167 `1`	**Item No.: 285-1161** `3`
2-conductor through terminal block; 185 mm²; lateral marker slots; with fixing flanges; POWER CAGE CLAMP; 185,00 mm²; dark gray-yellow	2-conductor through terminal block; 185 mm²; lateral marker slots; with fixing flanges; POWER CAGE CLAMP; 185,00 mm²; gray

Electrical data

Ratings per	IEC/EN 60947-7-1		
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	1000 V	-	-
Rated surge voltage	12 kV	-	-
Rated current	353 A	-	-

Ratings per IEC/EN 2	
Rated voltage (III/3)	1500 V
Rated impulse withstand voltage (III/3)	12 kV

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	600 V	600 V	-
Rated current	310 A	310 A	-

Approvals per	CSA 22.2 No 158		
Use group	B	C	D
Rated voltage	1000 V	1000 V	-
Rated current	310 A	-	-

Connection data

Clamping units	10
Total number of potentials	4
Number of levels	1

Connection 1

Connection technology	POWER CAGE CLAMP
Actuation type	T-wrench; 8 mm
Connectable conductor materials	Copper
Nominal cross-section	185 mm² / 350 kcmil
Solid conductor	50 … 185 mm² / 1/0 AWG … 350 kcmil
Stranded conductor	50 … 185 mm² / 1/0 AWG … 350 kcmil
Fine-stranded conductor	50 … 185 mm² / 1/0 AWG … 350 kcmil
Fine-stranded conductor; with insulated ferrule	50 … 150 mm² / 1/0 AWG … 300 kcmil
Fine-stranded conductor; with uninsulated ferrule	50 … 185 mm² / 1/0 AWG … 350 kcmil
Strip length	45 … 47 mm / 1.77 … 1.85 inches
Wiring direction	Side-entry wiring

Physical data

Width	128 mm / 5.039 inches
Height from the surface	123 mm / 4.843 inches
Depth	170 mm / 6.693 inches

Mechanical data

Design	horizontal type
Mounting type	Mounting flange Panel mounting
Marking level	Side marking

Material data

Note (material data)	Information on material specifications can be found here
Color	multi-colored
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	21.784 MJ
Halogen-free	Yes
Weight	2200 g

Environmental requirements

Processing temperature	-35 … +85 °C
Continuous operating temperature	-60 … +105 °C

Commercial data

eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 9.0	EC001284
ETIM 8.0	EC001284
PU (SPU)	1 pcs
Packaging type	Box
Country of origin	DE
GTIN	4055143657006
Customs tariff number	85369010000

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL 7965
CSA DEKRA Certification B.V.	C22.2	154112
KEMA/KEUR DEKRA Certification B.V.	EN 60947	71-126013
UL Underwriters Laboratories Inc.	UL 1059	E45172

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 285-1165	↓

Documentation

Additional Information		
Technical Section	pdf 2246.92 KB	↓

Bid Text			
285-1165	19.02.2019	xml 4.10 KB	↓
285-1165	04.01.2018	doc 25.50 KB	↓

1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover

Item No.: 285-1178
Finger guard; touchproof cover protects unused conductor entries and jumper slots; for 185 mm² high-current terminal blocks; yellow

1.1.2 Installation

1.1.2.1 Mounting accessories

Item No.: 285-1179
Fixing element; for 185 mm² high-current terminal blocks; orange

1.1.3 Jumper

1.1.3.1 Jumper

Item No.: 285-1171
Jumper; insulated; gray

1.1.4 Marking

1.1.4.1 Marker

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.: 793-5501/000-014
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.: 793-5501/000-007
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.: 793-5501/000-023
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.: 793-5501/000-017
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.: 793-5501/000-012
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.: 793-5501/000-005
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red

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

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.: 793-501/000-006
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.: 793-501/000-023
WMB marking card; as card; not stretchable; plain; snap-on type; green

Item No.: 793-501/000-017
WMB marking card; as card; not stretchable; plain; snap-on type; light green

Item No.: 793-501/000-012
WMB marking card; as card; not stretchable; plain; snap-on type; orange

Item No.: 793-501/000-005
WMB marking card; as card; not stretchable; plain; snap-on type; red

1.1.4.1 Marker

Item No.: 793-501/000-024
WMB marking card; as card; not stretchable; 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.: 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.: 2009-115/000-023
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; green

Item No.: 2009-115/000-017
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; light green

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.: 2009-115/000-005
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; red

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.: 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

1.1.4.2 Marking strip

Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.5 Power tap

1.1.5.1 Power tap

Item No.: 285-1175
Power tap; for 185 mm² high-current terminal blocks; gray

1.1.6 Protective warning marker

1.1.6.1 Cover

Item No.: 285-1177
Protective warning marker; with high-voltage symbol, black; yellow

1.1.7 Tool

1.1.7.1 Operating tool

Item No.: 285-172
Allen wrench; with a partially insulated shaft; green

Item No.: 285-173
Allen wrench; with a partially insulated shaft; with anti-rotation protection; green

Current addresses can be found at:: www.wago.com