

Data sheet | Item number: 261-343

4-conductor terminal block; without push-buttons; with snap-in mounting foot; for plate thickness 0.6 - 1.2 mm; Fixing hole 3.5 mm Ø; 2.5 mm²; CAGE CLAMP®; 2,50 mm²; light gray



Data

Electrical data

Ratings per IEC/EN 60664-1

Nominal voltage (III/3)	500 V
Rated surge voltage (III/3)	6 kV
Rated current	24 A
Legend (ratings)	(III / 3) ≙ Overvoltage category III / Pollution degree 3

Connection data

Connection technology	CAGE CLAMP®
Actuation type	Operating tool
Connectable conductor materials	Copper
Solid conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG
Fine-stranded conductor	0.08 ... 2.5 mm ² / 28 ... 14 AWG

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



Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Total number of connection points	4
Total number of potentials	1
Number of levels	1
Wiring type	Side-entry wiring

Geometrical Data

Width	10 mm / 0.394 inch
Height from the surface	18 mm / 0.709 inch
Depth	28 mm / 1.102 inch

Mechanical data

Design	horizontal type
Mounting type	Snap-in mounting foot
Marking level	Side marking

Material Data

Color	light gray
Fire load	0.062 MJ
Weight	4 g

Commercial data

Product Group	9 (Std. Chassis Mt. Blocks)
Packaging type	BOX
Country of origin	CH
GTIN	4044918610926
Customs tariff number	85369010000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	EN 60998	2110272.02
	CCA	EN 60998	NTR-NL

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



DEKRA Certification B.V.

6509



CSA
DEKRA Certification B.V.

C22.2

70010891

Ship Approvals

Logo	Approval	Additional Approval Text	Certificate name
	ABS American Bureau of Shipping	-	19- HG1869868- PDA
	BV Bureau Veritas S.A.	EN 60947	07436/E0 BV
	DNV GL Det Norske Veritas, Germanischer Lloyd	-	TAE00001V2
	LR Lloyds Register	IEC 60998	91/20242 (E7)

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1059	20180629- E45172

Compatible products

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

ferrule

	Item no.: 216-101 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated
	Item no.: 216-102 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated
	Item no.: 216-103 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated
	Item no.: 216-104 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated
	Item no.: 216-106 Ferrule; Sleeve for 2.5 mm ² / AWG 14; uninsulated; electro-tin plated
	Item no.: 216-121 Ferrule; Sleeve for 0.5 mm ² / AWG 22; uninsulated; electro-tin plated
	Item no.: 216-122 Ferrule; Sleeve for 0.75 mm ² / AWG 20; uninsulated; electro-tin plated
	Item no.: 216-123 Ferrule; Sleeve for 1 mm ² / AWG 18; uninsulated; electro-tin plated
	Item no.: 216-124 Ferrule; Sleeve for 1.5 mm ² / AWG 16; uninsulated; electro-tin plated
	Item no.: 216-131 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-132 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-151 Ferrule; Sleeve for 0.25 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-152 Ferrule; Sleeve for 0.34 mm ² / AWG 24; uninsulated; electro-tin plated
	Item no.: 216-201 Ferrule; Sleeve for 0.5 mm ² / 20 AWG; insulated; electro-tin plated; white
	Item no.: 216-202 Ferrule; Sleeve for 0.75 mm ² / 18 AWG; insulated; electro-tin plated; gray
	Item no.: 216-203 Ferrule; Sleeve for 1 mm ² / AWG 18; insulated; electro-tin plated; red
	Item no.: 216-204 Ferrule; Sleeve for 1.5 mm ² / AWG 16; insulated; electro-tin plated; black

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

**Item no.: 216-205**Ferrule; Sleeve for 2.08 mm² / AWG 14; insulated; electro-tin plated; yellow**Item no.: 216-206**Ferrule; Sleeve for 2.5 mm² / AWG 14; insulated; electro-tin plated; blue**Item no.: 216-221**Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; white**Item no.: 216-222**Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray**Item no.: 216-223**Ferrule; Sleeve for 1 mm² / AWG 18; insulated; electro-tin plated; red**Item no.: 216-224**Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black**Item no.: 216-301**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow**Item no.: 216-302**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green**Item no.: 216-321**Ferrule; Sleeve for 0.25 mm² / AWG 24; insulated; electro-tin plated; yellow**Item no.: 216-322**Ferrule; Sleeve for 0.34 mm² / 22 AWG; insulated; electro-tin plated; green**tools****Item no.: 209-132**

Operating tool; for connecting comb-style jumper bar; 2-way; of insulating material

**Item no.: 210-657**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; short

**Item no.: 210-658**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft; angled; short

**Item no.: 210-720**

Operating tool; Blade: 3.5 x 0.5 mm; with a partially insulated shaft

Jumper**Item no.: 261-402**

Jumper; for conductor entry; 2-way; insulated; gray

Marking accessories**Item no.: 210-832**

Marking strips; on reel; 3 mm wide; plain; Self-adhesive; white

**Item no.: 210-833**

Marking strips; on reel; 6 mm wide; plain; Self-adhesive; white

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

assembling

**Item no.: 209-120**

Mounting foot; can be snapped on terminal blocks with snap-in mounting foot; for mounting on relay-modules; 6.4 mm wide; gray

**Item no.: 209-122**

Plastic end stop; for WSB markers; for 210-154 aluminum rail; gray

**Item no.: 209-137**

Mounting adapter; can be used as end plate; 6.5 mm wide; gray

Carrier rail

**Item no.: 210-154**

Aluminum carrier rail; 1000 mm long; 18 mm wide; 7 mm high; silver-colored

check

**Item no.: 210-136**

Test plug; 2 mm Ø; with 500 mm cable; red

**Item no.: 210-137**

Test plug; 2.3 mm Ø; with 500 mm cable; yellow

**Item no.: 249-139**

Test plug module; without locking device; modular; for 4-conductor terminal blocks; gray

**Item no.: 261-405**

Test plug module; with locking latches; modular; for 4-conductor terminal blocks; for 261 Series; gray

Downloads

Documentation

Bid Text

261-343

GAEB X81 - Datei

261-343

doc - Datei

Additional Information

Technical explanations

CAD/CAE-Data

CAD data

2D/3D Models 261-343

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

CAE data

EPLAN Data Portal 261-343

WSCAD Universe 261-343

ZUKEN Portal 261-343

Installation Notes

Installation



Assembling modular terminal blocks into terminal strips.



Mounting an end plate.

Conductor termination

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

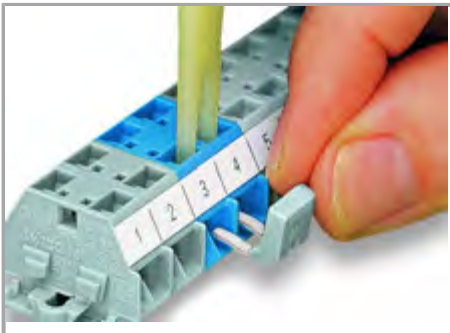


CAGE CLAMP® connection

Inserting a conductor.

With ferruled conductors, it is necessary to use a terminal block one size larger than the conductor's nominal cross-section.

Commoning

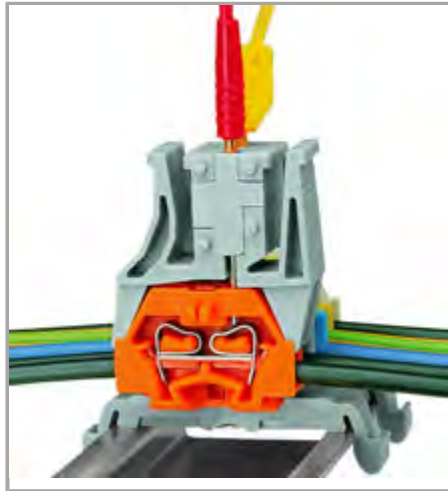


Commoning with comb-style jumper bar.

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



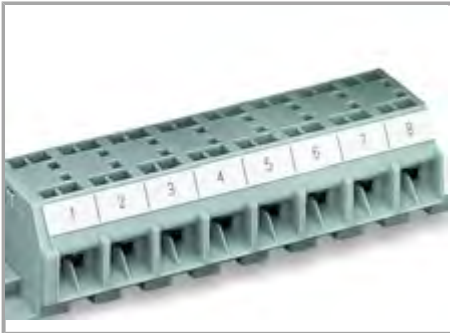
Testing via test plug modules snapped onto a terminal strip – wired or unwired. As touch contact is made with the CAGE CLAMP® (spring steel) unit, this testing type is limited to maximum 0.5 A.



Testing after the conductors have been terminated.

Distance between locking devices must be approximately 35 ... 40 mm.

Marking



Marking with self-adhesive marking strips.



Marking by direct printing (upon request).

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