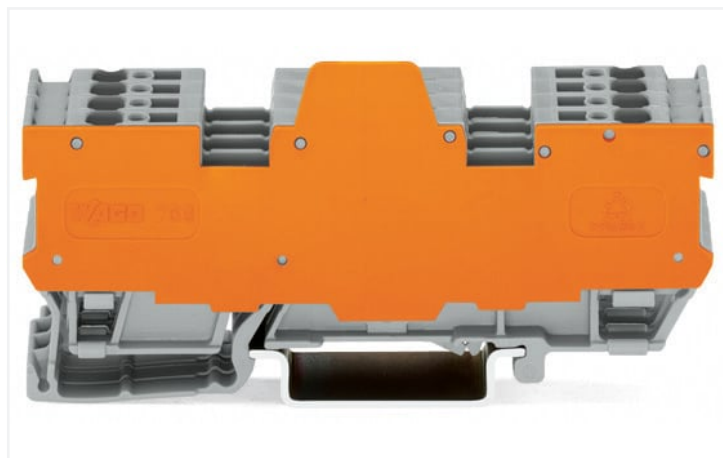


## Data Sheet | Item Number: 769-193/769-319

1-conductor/1-conductor terminal block for pluggable modules; 6-pole; with 2-conductor terminal blocks; with 2 jumper positions; with orange separator plate; for DIN-rail 35 x 15 and 35 x 7.5; 4 mm<sup>2</sup>; CAGE CLAMP®; 4,00 mm<sup>2</sup>; gray



<https://www.wago.com/769-193/769-319>



Color:  gray

Similar to illustration

### Electrical data

#### Ratings per IEC/EN

Nominal voltage (III/3)	400 V
Rated impulse voltage (III/3)	6 kV
Rated current	16 A
Legend (ratings)	(III / 3) $\Delta$ Overvoltage category III / Pollution degree 3

#### Power loss

Power loss, per pole (potential)	0.256 W
Rated current $I_N$ for specified power loss	16 A
Resistance value for specified, current-dependent power loss	0.001 $\Omega$

### Connection data

Connection points	6
Total number of potentials	6
Number of levels	1

#### Connection 1

Connection technology	CAGE CLAMP®
Connectable conductor materials	Copper
Nominal cross-section	4 mm <sup>2</sup> / 12 AWG
Solid conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Fine-stranded conductor	0.08 ... 4 mm <sup>2</sup> / 28 ... 12 AWG
Strip length	8 ... 9 mm / 0.31 ... 0.35 inches
Pole number	6
Wiring direction	Front-entry wiring

### Physical data

Width	16.1 mm / 0.634 inches
Height	87.5 mm / 3.445 inches
Depth from upper-edge of DIN-rail	28.5 mm / 1.122 inches

### Mechanical Data

Design	horizontal type
Mounting type	DIN-35 rail
Marking level	Center marking

### Material Data

Note (material data)	<a href="#">Information on material specifications can be found here</a>
Color	gray
Material group	I
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire load	0.569 MJ
Weight	26.7 g

### Environmental requirements

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

### Commercial data

Product Group	18 (X-COM-System)
eCl@ss 10.0	27-14-11-20
eCl@ss 9.0	27-14-11-20
ETIM 8.0	EC000897
ETIM 7.0	EC000897
PU (SPU)	5 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918935258
Customs tariff number	85369010000

### Approvals / Certificates

#### General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 60947	NTR NL-7626
CSA DEKRA Certification B.V.	C22.2 No. 158	1101144
KEMA/KEUR DEKRA Certification B.V.	EN 60947	2190419.01
UR Underwriters Laboratories Inc.	UL 1059	E45172

#### Approvals for marine applications



Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	EN 60947	20-HG1941090-PDA
DNV GL Det Norske Veritas, Ger- manischer Lloyd	-	TAE00001V2

### Downloads

#### Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 769-193/769-319	↓

## Documentation

Additional Information		
Technical Section	pdf 2142.18 KB	↓

Bid Text				
769-193/769-319	19.02.2019	xml 3.35 KB	↓	
769-193/769-319	04.10.2017	doc 25.50 KB	↓	

## CAD/CAE-Data

CAD data	
2D/3D Models 769-193/769-319	↓

CAE data	
EPLAN Data Portal 769-193/769-319	↓
WSCAD Universe 769-193/769-319	↓
ZUKEN Portal 769-193/769-319	↓

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 End plate

##### 1.1.1.1 End plate

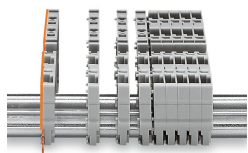


[Item No.: 769-317](#)  
End and intermediate plate; 1.1 mm thick; gray

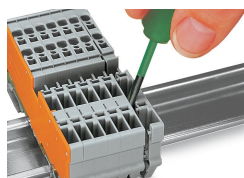
[Item No.: 769-318](#)  
End and intermediate plate; 1.1 mm thick; orange

## Installation Notes

## Installation

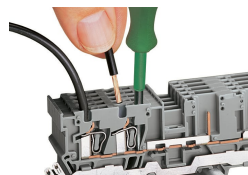


Snap individual carrier terminal blocks on-to the DIN-rail and slide together.



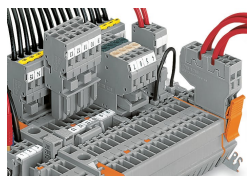
Open the assembly by laterally sliding a block via operating tool and remove terminal block via release lever.

## Conductor termination

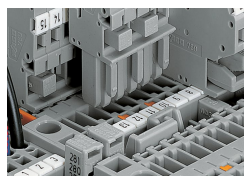


CAGE CLAMP® connection  
Carrier terminal block: Insert/remove conductor via operating tool (3.5 x 0.5 mm blade).

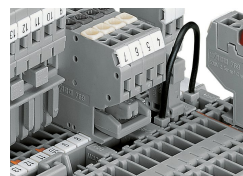
## Commoning



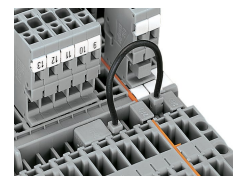
Commoning with adjacent or staggered jumpers.  
Push jumpers down until fully inserted.



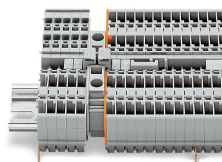
Commoning carrier terminal blocks via staggered jumpers.



Commoning a 2-conductor female plug via staggered jumper and carrier terminal blocks via adjacent jumpers.

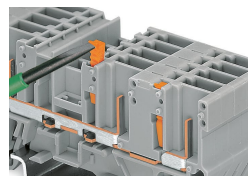


Commoning carrier terminal blocks via push-in type wire jumpers or adjacent jumpers – even over an intermediate plate.



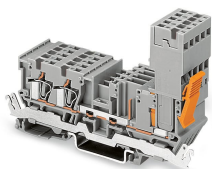
Commoning "supply terminal blocks" (up to 10 mm<sup>2</sup>/8 AWG) with carrier terminal blocks via step-down jumpers.

## Coding



Snap coding pin in proper direction on carrier terminal block.  
Shown: Coding pin removal from carrier terminal block.

## Locking system



Securing a female plug via locking lever on the terminal block side.