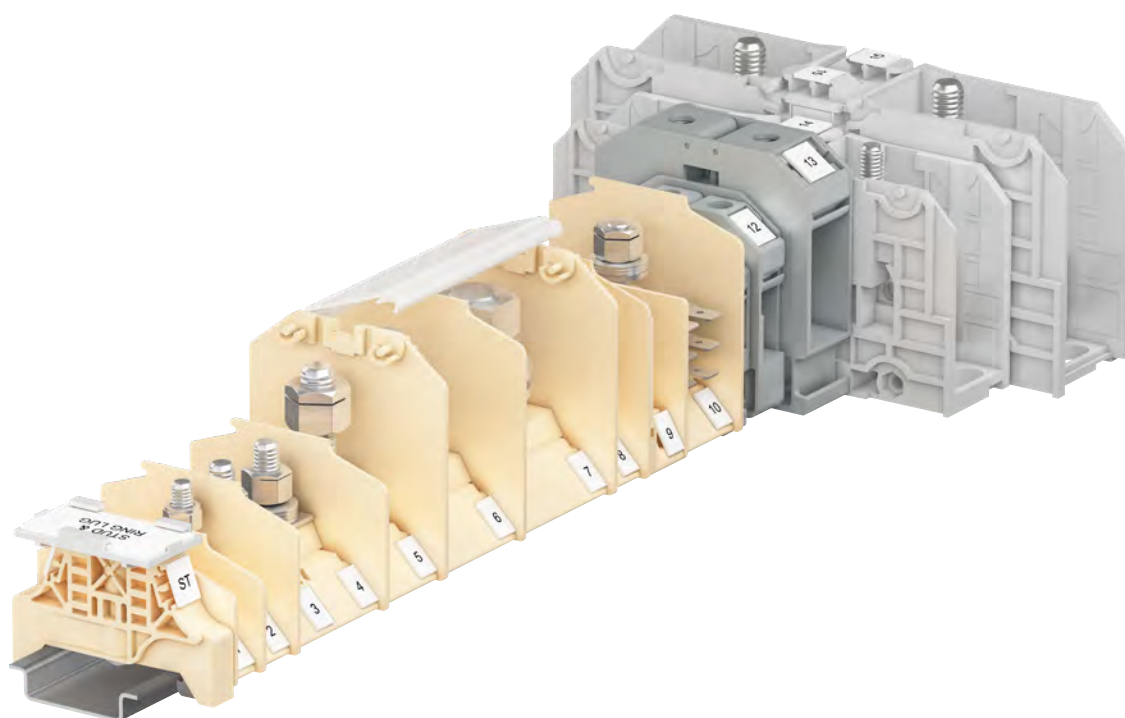






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1 stud

4 mm ²	HD4/9.F4	M4 stud with self locking nut + spring washers	176
	HD4/9.F4.2	M4 stud with nut	177
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10 mm ²	HD10/12.F5.3	M5 stud with self locking nut + spring washers	179
	HD10/12.F5	M5 stud with self locking nut + TREP washers	180
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120 mm ²	HD120/30.F10.31	M10 stud with self locking nut + TREP washers	186
	HD120/30.F10.31.1	M10 stud with 2 nuts + spring washers	187
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2 studs for TH35 & type 2 rails mounting

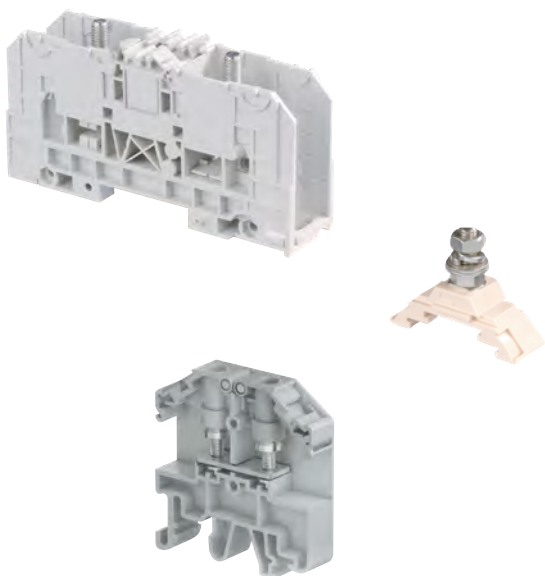
4 mm ²	HD4/9.FF4	M4 studs with self locking nut + spring washers	189
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	HD16/14.FF5.21	M5 studs with self locking nut + TREP washers	194
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2 studs for TH35 & base mounting

35 mm ² / 1 AWG	D35/27.FF	M6 studs with 2 nuts + spring washers	196
70 mm ² / 000 AWG	D70/32.FF	M8 studs with 2 nuts + spring washers	197
120 mm ² / 300 Kcmil	D120/42.FF	M10 studs with 2 nuts + spring washers	198
185 mm ² / 500 Kcmil	D185/55.FF	M12 studs with 2 nuts + spring washers	199
300 mm ² / 1000 Kcmil	D300/55.FF	M16 studs with 2 nuts + spring washers	200

2 studs with captive nuts

2.5 mm ² / 14 AWG	RGW2.5-V0	M3 studs feed-through with captive nuts	201
6 mm ² / 10 AWG	RGW6-V0	M4 studs feed-through with captive nuts	202
25 mm ² / 4 AWG	RGW25-M5-V0	M5 studs feed-through with captive nuts	203
25 mm ² / 4 AWG	RGW25-M6-V0	M6 studs feed-through with captive nuts	204



The “Pull-out proof” connection for rolling stock

The stud technology allows all power distribution configurations and improves wiring secureness thanks to “Pull-out proof” connection (stud+lug).

The HD terminal blocks provides a large scope of 1 and 2 studs configurations with different types of washers and nuts (Onduflex®, Trep®, Grover®).

The D type power blocks provide an alternative with specific locking foot and rotative covers.

The RGW terminal blocks offer a combination of fast and secured wiring, with captive nuts in a pivoting wing.



Reliable in harsh conditions

Continuous operation guaranteed for rolling stock

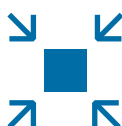
- Environmental tests: aging, corrosion, flammability, toxicity (I2F2, V0, HL3 R22)
- Mechanical tests: vibration and shock.



Safety and protection

Secured wiring

- Captive wire connection: stud + ring lug
- Anti-vibration and anti-loosening equipments: self locking nuts, spring washers.



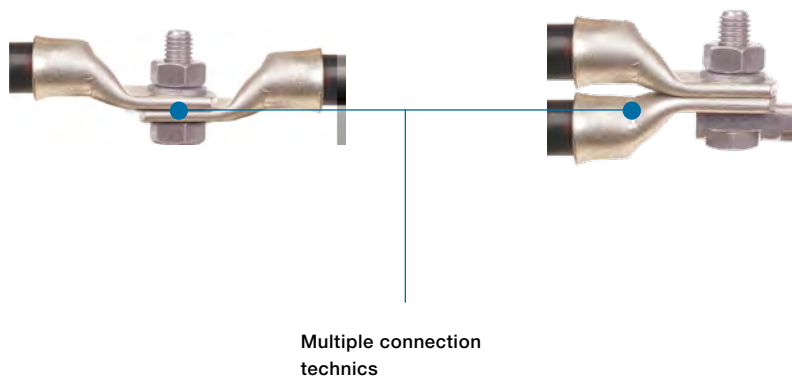
More control in smaller space

High density wiring with compact design

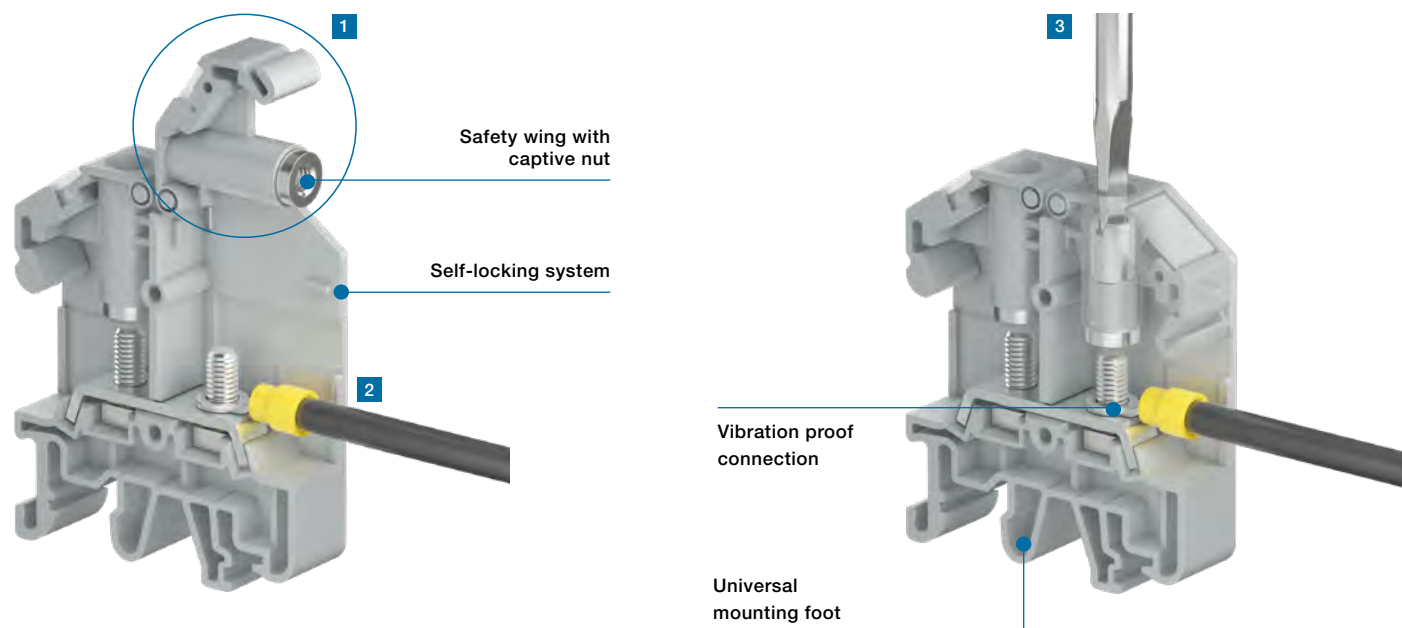
- 2 studs version: up to 4 conductors per block
- Compact 1 stud version for 2 conductors.

Features

HD / D type



RGW type



Easy 3 step wiring :

1 Open the safety wing - 2 Hook the wire on the stud and close the wing - 3 Screw down the nut

15NC167095S0201

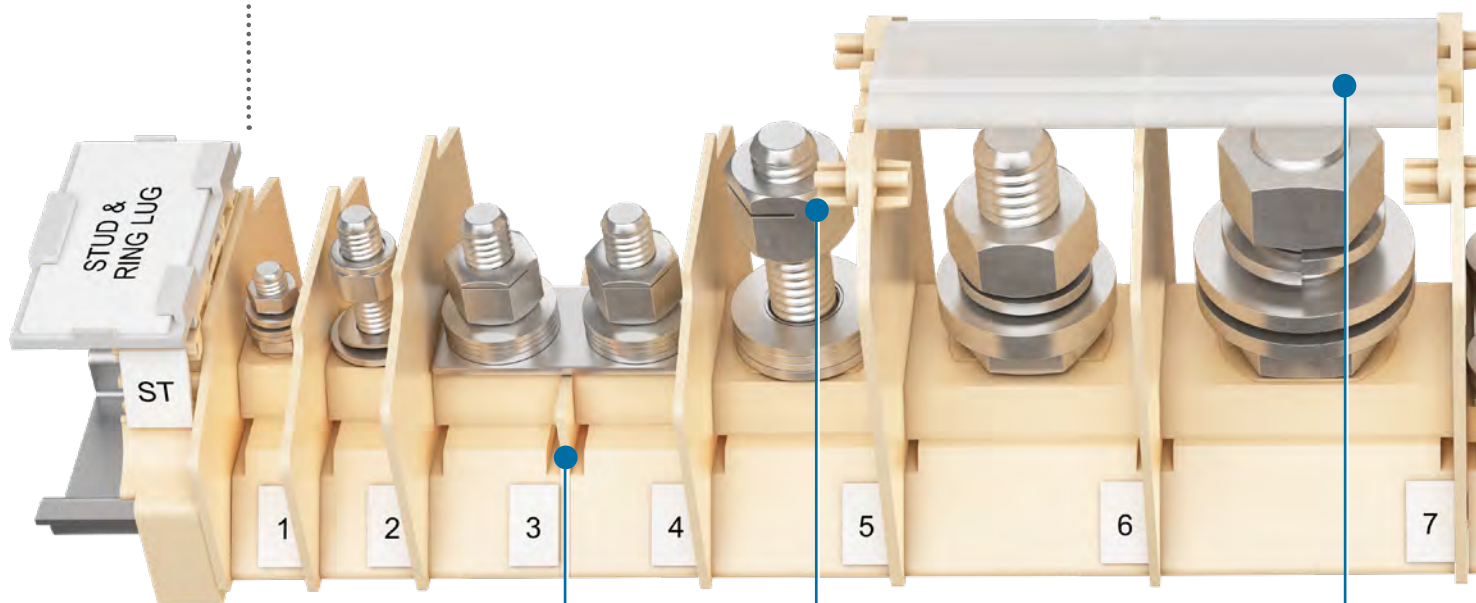
Railway applications, terminal blocks

Stud technology

Range overview up to 300 mm² / 1 000 Kcmil

HD type

From 4 mm² (M4)
to 185 mm² (M12)



Spacers

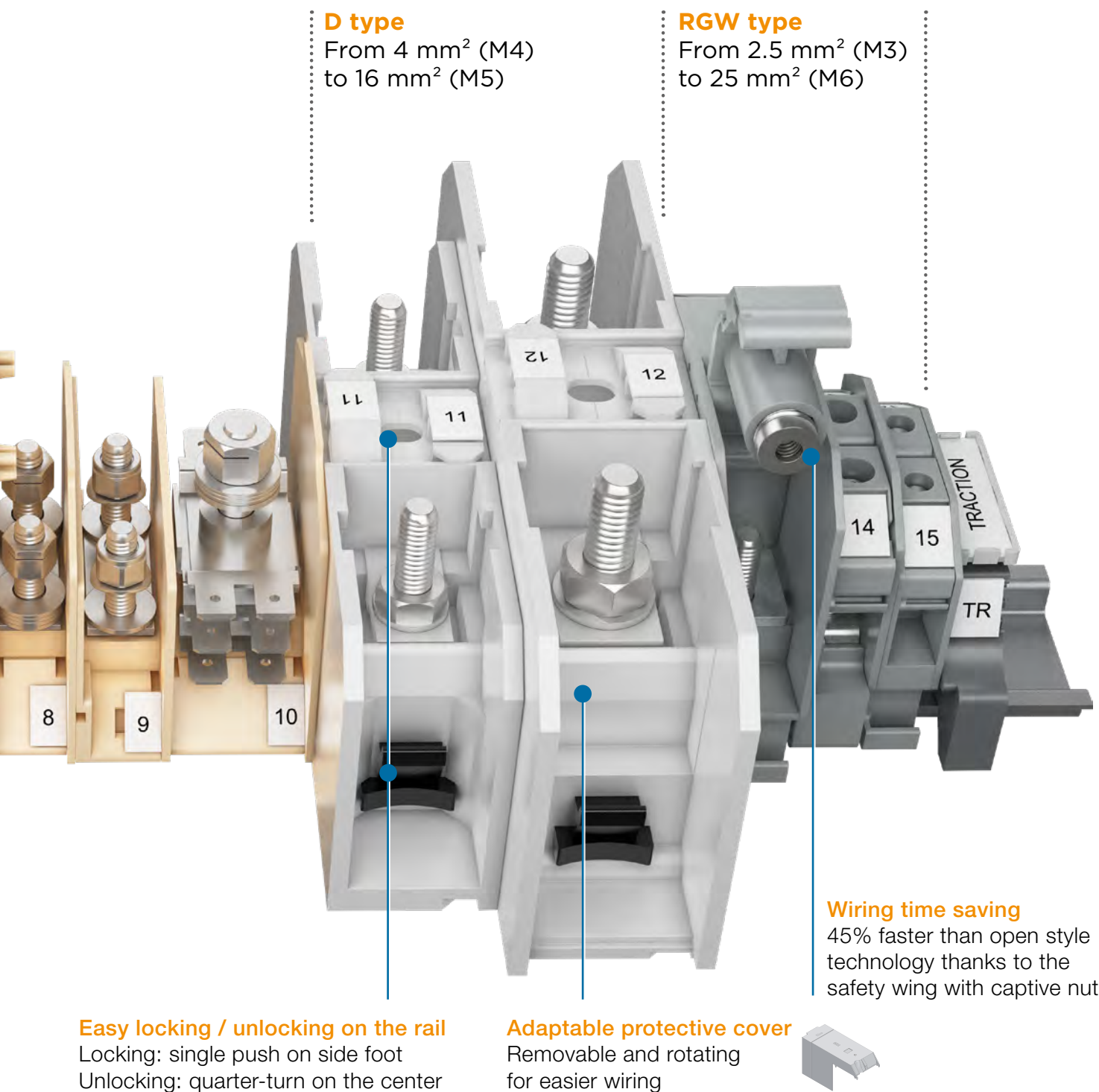
Provide sufficient space between
neighboring terminal blocks

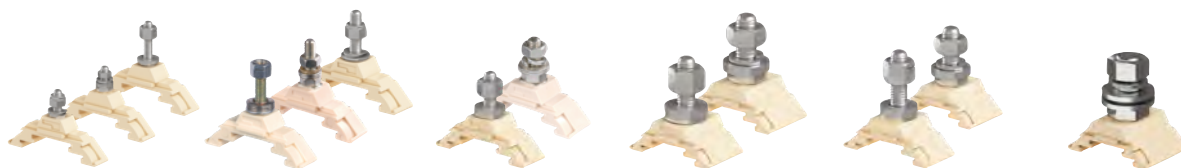
Anti-loosening equipments

Self-locking nut, plastic elastic washer
or conical spring washers maintaining
a constant pressure on the contact

Rotative cover

Protects the metallic parts





HD type - 1 Stud for TH35 & type 2 rails mounting

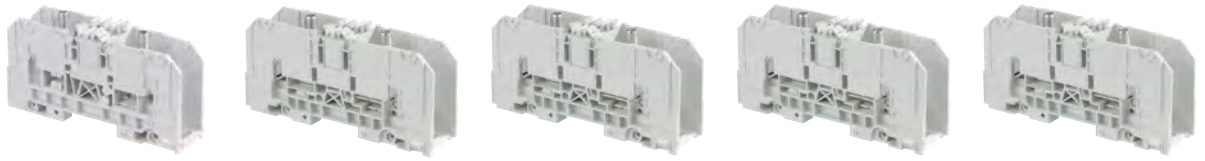
Section							
4 mm ²	M4	HD4/9.F4 HD4/9.F4.2 HD4/10.F4.19					
10 mm ²	M5		HD10/12.F5 HD10/12.F5.1...5.2 HD10/12.F5.3				
35 mm ²	M6			HD35/16.F6.19 HD35/16.F6.19.1			
70 mm ²	M8				HD70/22.F8.31 HD70/22.F8.31.1 HD70/22.F8.31.2		
120 mm ²						HD120/30.F10.31 HD120/30.F10.31.1	
185 mm ²							HD185/36.F12.31.1



HD type - 2 Studs for TH35 & type 2 rails mounting

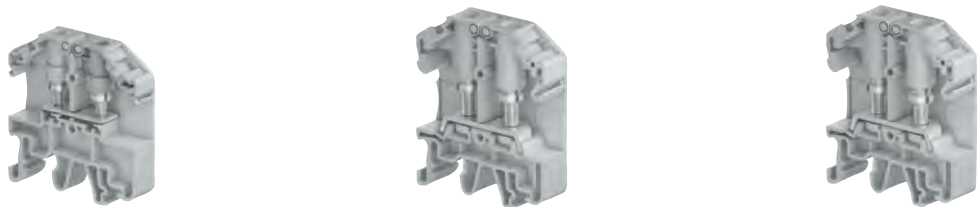
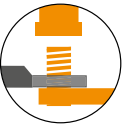
Section							
4 mm ²	M4	HD4/9.FF4					
6 mm ²	M4		HD6/13.FF4				
10 mm ²	M5			HD10/12.FF5			
16 mm ²	M5				HD16/14.FF5.21 HD16/14.FF5.21.3	HD16/14.FF5.20.3	HD16/14.FF5.20

Clamp -
 Channels for jumpering or testing -
 Test socket -
 Blown-fuse indicator



D type - 2 Studs for TH35

Section						
35 mm ²	M6	D35/27.FF				
70 mm ²	M8		D70/32.FF			
120 mm ²	M10			D120/42.FF		
185 mm ²	M12				D185/55.FF	
300 mm ²	M16					D300/55.FF



RGW type - 2 Studs with captive nuts for TH35

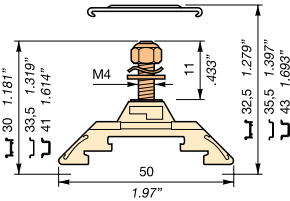
Section				
2.5 mm ²	M3	RGW2.5-V0		
6 mm ²	M4		RGW6-V0	
25 mm ²	M5			RGW25-M5-V0
	M6			RGW25-M6-V0

HD4/9.F4 stud terminal blocks

Feed-through - 9.5 mm 0.374 in spacing



HD4/9.F4



9.5 mm 0.374 in spacing

Description

- 1 stud terminal M4 x 11.5 mm 0.453 in,
- Equipment: self locking nut + spring washer + washer.

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M4	Beige ☐	HD4/9.F4	1SNA295391R2000	100	6.00

Main technical data

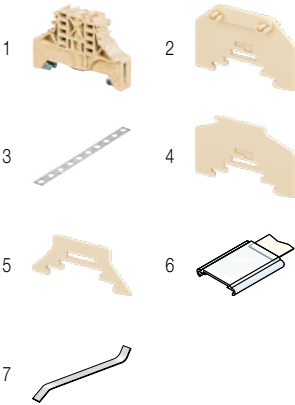
Connecting capacity	NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130) Lug (DIN 46235 / 46234) Quick-connect: 6.3 x 0.8 mm	0.5 ... 4 mm² 0.5 ... 4 mm²	
Rated voltage	V AC V DC	(Cat. C) 500 V (Cat. C) 500 V	
Rated current		32 A	
Rated cross section		4 mm²	

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 7 mm Ø 0.276 in
Torque		1.2 N.m 10.6 lb.in

CE	RoHS	EAC																	

The use of a jumper bar requires to use a spacer instead of a circuit separator.



Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Beige ☐	BAM2	1SNA296351R0000	50	12.00
		BAH21	1SNA167489R2200	50	8.00
2 End sections	Beige ☐	FJHD32	1SNA295431R1000	25	4.00
3 Jumper bars		BJH105	1SNA163503R2400	10	197.00
4 Circuit separators	Beige ☐	SCHD1	1SNA295428R2500	25	2.00
5 Spacers	Beige ☐	INH1	1SNA295427R1400	25	2.00
6 Protecting covers	Transparent ☒	CPM	1SNA187312R1400	1	25.00
	Beige ☐	CPM	1SNA197312R1600	10	25.00
7 Terminal block markers	White ☐	RTC	1SNA163156R2700	1	10.00
		PEFH	1SNA163497R1600	10	25.00
		RPED	1SNA163518R2200	1	12.00
	White ☐	RC610	1SNA233000R0100	10	7.50

Feed-through - 9.5 mm 0.374 in spacing



Technical drawing of a 1/2 inch wide flange hex nut and washer assembly. The drawing shows a side view of the assembly with dimensions in inches and millimeters. The nut is M4, and the washer is 11 mm thick. The total height of the assembly is 32.5 inches (827 mm). The total width of the flange is 35.5 inches (902 mm). The flange has a 50 mm wide base. The nut has a height of 1.181 inches (30 mm). The washer has a height of 1.397 inches (35.5 mm). The total height of the assembly is 32.5 inches (827 mm). The total width of the flange is 35.5 inches (902 mm). The flange has a 50 mm wide base.

- 1 stud terminal M4 x 11.5 mm 0.453 in,
- Equipment: 1 bottom nut + 2 washers + 1 spring washer + 1 top nut.

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M4	Brass equipment	Yellow	HD4/9.F4.2	1SNA205392R0700	100	6.00
		Beige	HD4/9.F4.2	1SNA295392R2100	100	6.00

Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	0.5 ... 4 mm ²		
	Lug (DIN 46235 / 46234)		0.5 ... 4 mm ²	
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 500 V		
	V DC	(Cat. C) 500 V		
Rated current		32 A		
Rated cross section		4 mm ²		

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 7 mm Ø 0.276 in
Torque		1.2 N.m 10.6 lb.in



1. Base with ventilation holes; 2. Back panel; 3. Perch; 4. Side panel; 5. Front panel; 6. Roof; 7. Roof ridge.

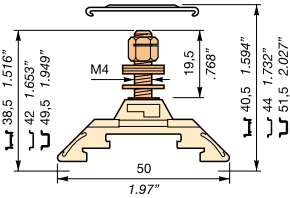
Description					Color	Type	Part Numbers	Pkg	Weight
								qty	(1 pce) g
1	End stops	10 mm	0.394 in		Beige	BAM2	1SNA296351R0000	50	12.00
		7.1 mm	0.28 in			BAH21	1SNA167489R2200	50	8.00
2	End sections	1.5 mm	0.059 in		Yellow	FJHD32	1SNA205431R2600	25	
					Beige	FJHD32	1SNA295431R1000	25	4.00
3	Jumper bars	10 poles				BJH105	1SNA163503R2400	10	197.00
4	Circuit separators	1.2 mm	0.047 in		Yellow	SCHD1	1SNA205428R0300	25	
					Beige	SCHD1	1SNA295428R2500	25	2.00
5	Spacers	1.2 mm	0.047 in		Yellow	INH-D1	1SNA205427R2200	25	
					Beige	INH-D1	1SNA295427R1400	25	2.00
6	Protecting covers	Length 500 mm	19.70 in		Transparent	CPM	1SNA187312R1400	1	25.00
					Beige	CPM	1SNA197312R1600	10	25.00
7	Terminal block markers	Blank strip label for CPM			White	RTC	1SNA163156R2700	1	10.00
		Label holder			PEFH	1SNA163497R1600	10		
		Blank label for PEFH			RPED	1SNA163518R2200	1	12.00	
		Blank card	White		RC610	1SNA233000R0100	10	7.50	

HD4/10.F4.19 stud terminal blocks

Feed-through - 10.5 mm 0.413 in spacing



HD4/10.F4.19



10.5 mm 0.413 in spacing

Description

- 1 stud terminal M4 x 19.5 mm 0.768 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer.

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M4	Beige	HD4/10.F4.19	1SNA295298R0300	50	11.00

Main technical data

Connecting capacity	NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130) Lug (DIN 46235 / 46234) Quick-connect: 6.3 x 0.8 mm	0.5 ... 4 mm² 0.5 ... 4 mm²	
Rated voltage	V AC V DC	(Cat. C) 500 V (Cat. C) 500 V	
Rated current		32 A	
Rated cross section		4 mm²	

Mounting instructions

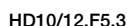
Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 7 mm Ø 0.276 in
Torque		1.5 N.m 13.3 lb.in

CE	RoHS	EAC																	
CE	RoHS	EAC																	

Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Beige	BAM2	1SNA296351R0000	50	12.00
	Beige	BAH22	1SNA164655R0400	50	10.00
2 End sections	Beige	FJHD40	1SNA295424R1100	25	4.00
3 Circuit separators	Beige	FJDHD	1SNA295426R1300	25	4.00
	Beige	SCHD2	1SNA295429R2600	25	2.00
4 Spacers	Beige	INH1	1SNA295427R1400	25	2.00
5 Protecting covers	Transparent	CPM	1SNA187312R1400	1	25.00
	Beige	CPM	1SNA197312R1600	10	25.00
6 Terminal block markers	White	RTC	1SNA163156R2700	1	10.00
		PEFH	1SNA163497R1600	10	25.00
		RPED	1SNA163518R2200	1	12.00
	White	RC610	1SNA233000R0100	10	7.50

Feed-through - 12 mm 0.473 in spacing

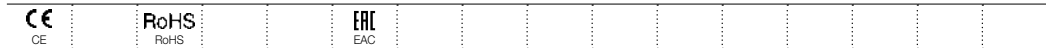


- 1 stud terminal M5 x 19.5 mm 0.768 in,
- Equipment: self locking nut + spring washer + washer,
- NF F 61-017 designation: BD13.2-1F5 (1SNA295011R1600 + SCHD2).

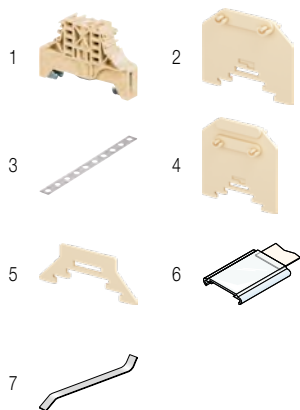
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M5	Beige	HD10/12.F5.3	1SNA295011R1600	50	12.00

Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	0.5 ... 10 mm²		
	Lug (DIN 46235 / 46234)		0.5 ... 10 mm²	
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 750 V		750 V
	V DC	(Cat. C) 750 V		750 V
Rated current		57 A		51 A
Rated cross section		10 mm²		

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2.5 N.m 22.1 lb.in



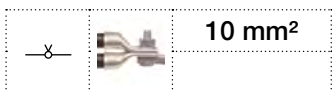
The use of a jumper bar requires to use a spacer instead of a circuit separator.



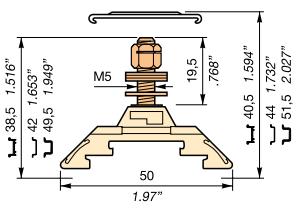
Description					Color	Type	Part Numbers	Pkg	Weight
								qty	(1 pce) g
1	End stops	10 mm	0.394 in		Beige	BAM2	1SNA296351R0000	50	12.00
		8.2 mm	0.323 in			BAH22	1SNA164655R0400	50	10.00
2	End sections	1.5 mm	0.059 in		Beige	FJHD40	1SNA295424R1100	25	4.00
3	Jumper bars	10 poles				BJH131-10	1SNA163468R0000	10	59.00
4	Circuit separators	1.5 mm	0.059 in		Beige	FJDHD	1SNA295426R1300	25	4.00
		1.2 mm	0.047 in			SCHD2	1SNA295429R2600	25	2.00
5	Spacers	1.2 mm	0.047 in		Beige	INH1	1SNA295427R1400	25	2.00
6	Protecting covers	Length 500 mm 19.70 in				Transparent	CPM	1SNA187312R1400	1
				Beige	CPM		1SNA197312R1600	10	25.00
7	Terminal block markers	Blank strip label for CPM Label holder Blank label for PEFH Blank card		White	RTC	1SNA163156R2700	1	10.00	
					PEFH	1SNA163497R1600	10		
					RPED	1SNA163518R2200	1	12.00	
					RC610	1SNA233000R0100	10	7.50	

HD10/12.F5 stud terminal blocks

Feed-through - 12 mm 0.473 in spacing



HD10/12.F5



12 mm 0.473 in spacing

Description

- 1 stud terminal M5 x 19.5 mm 0.768 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer.

Ordering details

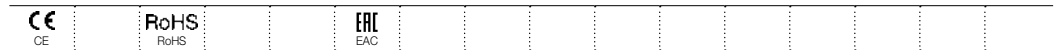
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M5	Beige 	HD10/12.F5	1SNA295394R2300	50	11.00

Main technical data

Connecting capacity		NF C	DIN	NF F 61-017	Rail		Type 2, TH 35-7.5, TH 35-15
Wire size	Lug (NF C 20-130)	0.5 ... 10 mm²	0.5 ... 10 mm²		Tool		Wrench Ø 8 mm Ø 0.315 in
	Lug (DIN 46235 / 46234)						
	Quick-connect: 6.3 x 0.8 mm						
Rated voltage	V AC	(Cat. C) 750 V			Torque		2.5 N.m 22.1 lb.in
	V DC	(Cat. C) 750 V					
Rated current		57 A					
Rated cross section		10 mm²					

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2.5 N.m 22.1 lb.in



The use of a jumper bar requires to use a spacer instead of a circuit separator.

Accessories

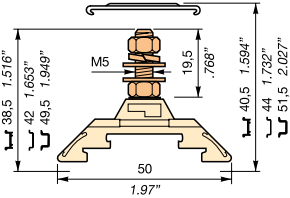
Description				Color	Type	Part Numbers	Pkg	Weight	
							qty	(1 pce) g	
1	End stops	10 mm	0.394 in		Beige 	BAM2	1SNA296351R0000	50	12.00
		8.2 mm	0.323 in		BAH22	1SNA164655R0400	50	10.00	
2	End sections	1.5 mm	0.059 in	Beige 	FJHD40	1SNA295424R1100	25	4.00	
3	Jumper bars	10 poles			BJH131-10	1SNA163468R0000	10	59.00	
4	Circuit separators	1.5 mm	0.059 in	Beige 	FJDHD	1SNA295426R1300	25	4.00	
		1.2 mm	0.047 in		SCHD2	1SNA295429R2600	25	2.00	
5	Spacers	1.2 mm	0.047 in	Beige 	INH1	1SNA295427R1400	25	2.00	
6	Protecting covers	Length 500 mm	19.70 in	Transparent 	CPM	1SNA187312R1400	1	25.00	
					CPM	1SNA197312R1600	10	25.00	
7	Terminal block markers	Blank strip label for CPM	Label holder	White 	RTC	1SNA163156R2700	1	10.00	
					PEFH	1SNA163497R1600	10		
					RPED	1SNA163518R2200	1	12.00	
		Blank label for PEFH	Blank card	White 	RC610	1SNA233000R0100	10	7.50	

HD10/12.F5 stud terminal blocks

Feed-through - 12 mm 0.473 in spacing



HD10/12.F5



12 mm 0.473 in spacing

Description

- 1 stud terminal M5 x 19.5 mm 0.768 in,
- Equipment: 1 bottom nut + 2 washers + 1 spring washer + 1 top nut.

Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M5	Steel equipment	Beige	HD10/12.F5.1	1SNA295395R2400	50	11.00
	Brass equipment	Beige	HD10/12.F5.2	1SNA295396R2500	50	11.00
		Yellow	HD10/12.F5.2	1SNA205396R0300	50	11.00

Main technical data

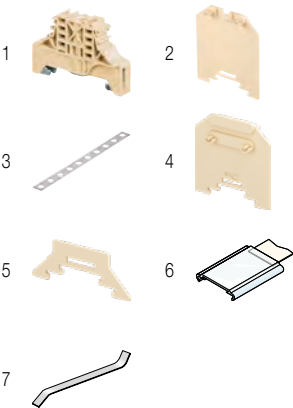
Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	0.5 ... 10 mm²		
	Lug (DIN 46235 / 46234)	0.5 ... 10 mm²		
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 750 V		
	V DC	(Cat. C) 750 V		
Rated current	57 A			
Rated cross section	10 mm²			

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2 N.m 17.7 lb.in

CE	RoHS	EAC																	
CE	RoHS	EAC																	

The use of a jumper bar requires to use a spacer instead of a circuit separator.



Accessories

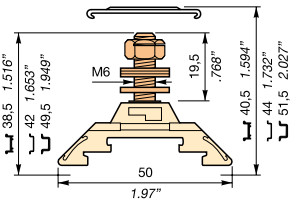
Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	10 mm 0.394 in	Beige	BAM2	1SNA296351R0000	50	12.00
	8.2 mm 0.323 in		BAH22	1SNA164655R0400	50	10.00
2 End sections	1.5 mm 0.059 in	Yellow	FJHD40	1SNA205424R2700	25	
		Beige	FJHD40	1SNA295424R1100	25	4.00
3 Jumper bars	10 poles		BJH131-10	1SNA163468R0000	10	59.00
4 Circuit separators	1.5 mm 0.059 in	Beige	FJDHD	1SNA295426R1300	25	4.00
	1.2 mm 0.047 in	Yellow	SCHD2	1SNA205429R0400	25	2.00
		Beige	SCHD2	1SNA295429R2600	25	2.00
		Yellow	INHD1	1SNA205427R2200	25	
5 Spacers	1.2 mm 0.047 in	Beige	INHD1	1SNA295427R1400	25	2.00
		Transparent	CPM	1SNA187312R1400	1	25.00
6 Protecting covers	Length 500 mm 19.70 in	Beige	CPM	1SNA197312R1600	10	25.00
		White	RTC	1SNA163156R2700	1	10.00
			PEFH	1SNA163497R1600	10	
			RPED	1SNA163518R2200	1	12.00
		White	RC610	1SNA233000R0100	10	7.50
7 Terminal block markers	Blank strip label for CPM					
	Label holder					
	Blank label for PEFH					
	Blank card					

HD35/16.F6.19 stud terminal blocks

Feed-through - 16 mm 0.63 in spacing



HD35/16.F6.19



16 mm 0.63 in spacing

Description

- 1 stud terminal M6 x 19.5 mm 0.768 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer,
- NF F 61-017 designation: BD17.2-1F6 (1SNA295398R0700 + SCHD2).

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M6	Beige ☐	HD35/16.F6.19	1SNA295398R0700	50	17.00

Main technical data

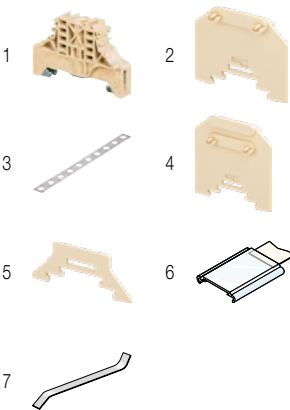
Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	1.5 ... 35 mm²		
	Lug (DIN 46235 / 46234)		2.5 ... 35 mm²	
	Quick-connect:			
	6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 750 V		750 V
	V DC	(Cat. C) 750 V		750 V
Rated current		125 A		125 A
Rated cross section		35 mm²		

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 10 mm Ø 0.394 in
Torque		5.3 N.m 46.9 lb.in

CE	RoHS	ERC																	
CE	RoHS	ERC																	

The use of a jumper bar requires to use a spacer instead of a circuit separator.



Accessories

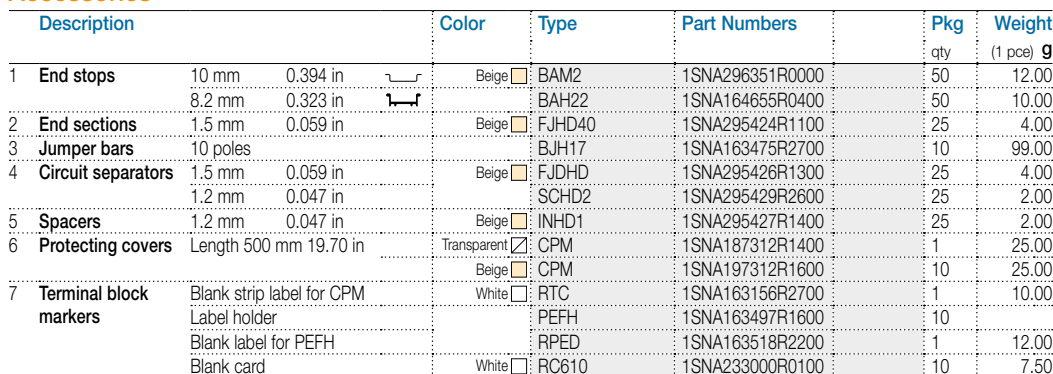
Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	10 mm 0.394 in	Beige ☐	BAM2	1SNA296351R0000	50	12.00
	8.2 mm 0.323 in	Beige ☐	BAH22	1SNA164655R0400	50	10.00
2 End sections	1.5 mm 0.059 in	Beige ☐	FJHD40	1SNA295424R1100	25	4.00
3 Jumper bars	10 poles	Beige ☐	BJH17	1SNA163475R2700	10	99.00
4 Circuit separators	1.5 mm 0.059 in	Beige ☐	FJDHD	1SNA295426R1300	25	4.00
	1.2 mm 0.047 in	Beige ☐	SCHD2	1SNA295429R2600	25	2.00
5 Spacers	1.2 mm 0.047 in	Beige ☐	INHD1	1SNA295427R1400	25	2.00
6 Protecting covers	Length 500 mm 19.70 in	Transparent ☒	CPM	1SNA187312R1400	1	25.00
		Beige ☐	CPM	1SNA197312R1600	10	25.00
7 Terminal block markers	Blank strip label for CPM	Beige ☐	RTC	1SNA163156R2700	1	10.00
	Label holder	White ☐	PEFH	1SNA163497R1600	10	
	Blank label for PEFH	White ☐	RPED	1SNA163518R2200	1	12.00
	Blank card	White ☐	RC610	1SNA233000R0100	10	7.50

Feed-through - 16 mm 0.63 in spacing



CE	RoHS	EAC

The use of a jumper bar requires to use a spacer instead of a circuit separator.

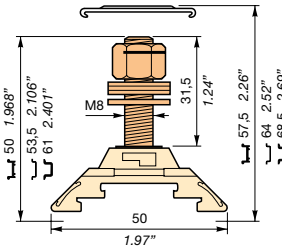


HD70/22.F8 stud terminal blocks

Feed-through - 22 mm 0.866 in spacing



HD70/22.F8



22 mm 0.866 in spacing

Description

- 1 stud terminal M8 x 31.5 mm 1.24 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer,
- NF F 61-017 designation: BD23.2-1F8 (1SNA295400R0600 + SCH8).

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M8	Beige	HD70/22.F8.31	1SNA295400R0600	50	39.00

Main technical data

Connecting capacity	NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130) Lug (DIN 46235 / 46234) Quick-connect: 6.3 x 0.8 mm	1.5 ... 70 mm² 2.5 ... 50 mm²	
Rated voltage	V AC V DC	(Cat. C) 750 V (Cat. C) 750 V	750 V 750 V
Rated current		192 A	188 A
Rated cross section		70 mm²	

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 13 mm Ø 0.512 in
Torque		13.4 N.m 118.6 lb.in

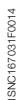
CE	RoHS	EAC
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The use of a jumper bar requires to use a spacer instead of a circuit separator.

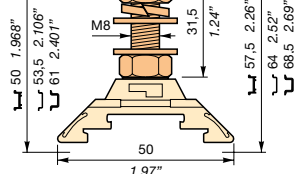
Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Beige	BAM2	1SNA296351R0000	50	12.00
	Beige	BAH24	1SNA168355R1300	50	12.00
2 End sections	Beige	FJH501	1SNA199411R1400	25	6.50
3 Jumper bars	Beige	BJH23-10	1SNA163476R2000	10	185.00
4 Circuit separators	Beige	SCH8	1SNA199412R1500	25	4.80
5 Spacers	Beige	INH1	1SNA295427R1400	25	2.00
6 Protecting covers	Transparent	CPM	1SNA187312R1400	1	25.00
	Beige	CPM	1SNA197312R1600	10	25.00
7 Terminal block markers	White	RTC	1SNA163156R2700	1	10.00
		PEFH	1SNA163497R1600	10	25.00
		RPED	1SNA163518R2200	1	12.00
	White	RC610	1SNA233000R0100	10	7.50

Feed-through - 22 mm 0.866 in spacing



HD70/22.F8.31



22 mm 0.866 in spacing

Description

- 1 stud terminal M8 x 31.5 mm 1.24 in,
- Equipment: 1 bottom nut + 2 washers + 1 spring washer + 1 top nut.

Ordering details

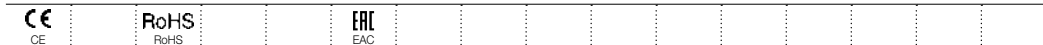
Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M8	Steel equipment	Beige 	HD70/22.F8.31.1	1SNA295401R2300	50	39.00
	Brass equipment	Beige 	HD70/22.F8.31.2	1SNA295402R2400	50	39.00

Main technical data

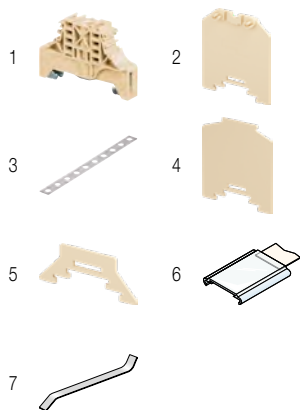
Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	1.5 ... 70 mm²		
	Lug (DIN 46235 / 46234)		2.5 ... 50 mm²	
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 750 V		
	V DC	(Cat. C) 750 V		
Rated current		192 A		
Rated cross section		70 mm²		

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 13 mm Ø 0.512 in
Torque		6 N.m 53.1 lb.in



The use of a jumper bar requires to use a spacer instead of a circuit separator.



Accessories

Description					Color	Type	Part Numbers	Pkg	Weight
								qty	(1 pce) g
1	End stops	10 mm	0.394 in		Beige 	BAM2	1SNA296351R0000	50	12.00
		10.7 mm	0.421 in			BAH24	1SNA168355R1300	50	12.00
2	End sections	1.5 mm	0.059 in		Beige 	FJH501	1SNA199411R1400	25	6.50
3	Jumper bars	10 poles				BJH23-10	1SNA163476R2000	10	185.00
4	Circuit separators	1.2 mm	0.047 in		Beige 	SCH8	1SNA199412R1500	25	4.80
5	Spacers	1.2 mm	0.047 in		Beige 	INH-D1	1SNA295427R1400	25	2.00
6	Protecting covers	Length 500 mm	19.70 in		Transparent 	CPM	1SNA187312R1400	1	25.00
					Beige 	CPM	1SNA197312R1600	10	25.00
7	Terminal block markers	Blank strip label for CPM			White 	RTC	1SNA163156R2700	1	10.00
		Label holder				PEFH	1SNA163497R1600	10	
		Blank label for PEFH				RPED	1SNA163518R2200	1	12.00
		Blank card			White 	RC610	1SNA233000R0100	10	7.50

Feed-through - 30 mm 1.18 in spacing



Technical drawing of the 1000 Series Base Mount. The drawing shows a perspective view of the component, which consists of a base plate with two mounting tabs and a central threaded section. The dimensions are as follows:

- Overall width: 50 (1,269.6 mm)
- Overall height: 1,968 (50,000 mm)
- Base plate thickness: 53.5 (1,368.3 mm)
- Mounting tab height: 2,106 (53,496 mm)
- Threaded section height: 2,401 (61,001 mm)
- Threaded section diameter: M10
- Threaded section length: 31.5 (800.1 mm)
- Mounting tab width: 1,24 (31,500 mm)
- Base plate width: 57.5 (1,460.5 mm)
- Mounting tab width: 61 (1,549.0 mm)
- Base plate width: 68.5 (1,741.5 mm)
- Base plate width: 50 (1,269.6 mm)
- Base plate width: 1.97 (50,000 mm)

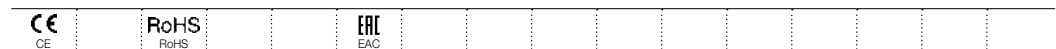
SNC167099V0014

- 1 stud terminal M10 x 31.5 mm 1.24 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer.

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 stud M10	Beige	HD120/30.F10.31	1SNA295448R0100	10	60.00

Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	10 ... 120 mm²		
	Lug (DIN 46235 / 46234)		6 ... 120 mm²	
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 750 V		
	V DC	(Cat. C) 750 V		
Rated current		269 A		
Rated cross section		120 mm²		

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 16 mm Ø 0.63 in
Torque		30 N.m 265.5 lb.in



The use of a jumper bar requires to use a spacer instead of a circuit separator.

Description				Color	Type	Part Numbers	Pkg	Weight	
							qty	(1 pce) g	
1	End stops	10 mm	0.394 in		Beige	BAM2	1SNA296351R0000	50	12.00
		10.7 mm	0.421 in		BAH24	1SNA168355R1300	50	12.00	
2	End sections	1.5 mm	0.059 in	Beige	FJH501	1SNA199411R1400	25	6.50	
3	Jumper bars	10 poles			BJH311	1SNA163479R0300	10	233.00	
4	Circuit separators	1.2 mm	0.047 in	Beige	SCH8	1SNA199412R1500	25	4.80	
5	Spacers	1.2 mm	0.047 in	Beige	INHd1	1SNA295427R1400	25	2.00	
6	Protecting covers	Length 500 mm	19.70 in	Transparent	CPM	1SNA187312R1400	1	25.00	
7	Terminal block markers			Beige	CPM	1SNA197312R1600	10	25.00	
				White	RTC	1SNA163156R2700	1	10.00	
					PEFH	1SNA163497R1600	10		
					RPED	1SNA163518R2200	1	12.00	
						RC610	1SNA233000R0100	10	7.50

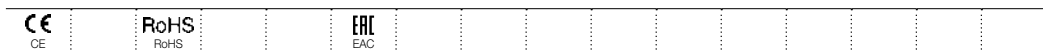
Feed-through - 30 mm 1.18 in spacing



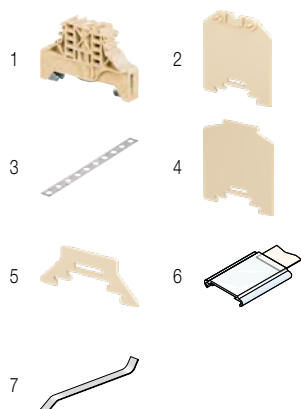
- 1 stud terminal M10 x 31.5 mm 1.24 in,
- Equipment: 1 bottom nut + 2 washers + 1 spring washer + 1 top nut.

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 stud M10	Beige	HD120/30.F10.31.1	1SNA295403R2500	10	60.00

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 16 mm Ø 0.63 in
Torque		10 N.m 88.5 lb.in

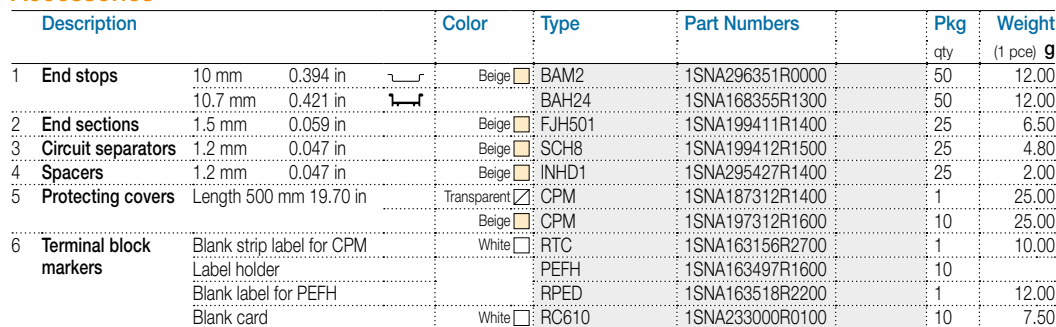


The use of a jumper bar requires to use a spacer instead of a circuit separator.



Description					Color	Type	Part Numbers	Pkg	Weight
								qty	(1 pce) g
1	End stops	10 mm	0.394 in		Beige	BAM2	1SNA296351R0000	50	12.00
		10.7 mm	0.421 in			BAH24	1SNA168355R1300	50	12.00
2	End sections	1.5 mm	0.059 in		Beige	FJH501	1SNA199411R1400	25	6.50
3	Jumper bars	10 poles				BJH311	1SNA163479R0300	10	233.00
4	Circuit separators	1.2 mm	0.047 in		Beige	SCH8	1SNA199412R1500	25	4.80
5	Spacers	1.2 mm	0.047 in		Beige	INHDI	1SNA295427R1400	25	2.00
6	Protecting covers	Length 500 mm	19.70 in		Transparent	CPM	1SNA187312R1400	1	25.00
						CPM	1SNA197312R1600	10	25.00
7	Terminal block markers	Blank strip label for CPM			White	RTC	1SNA163156R2700	1	10.00
		Label holder	PEFH			1SNA163497R1600	10		
		Blank label for PEFH	RPED			1SNA163518R2200	1	12.00	
		Blank card	RC610			1SNA233000R0100	10	7.50	

Feed-through - 36 mm 1.42 in spacing

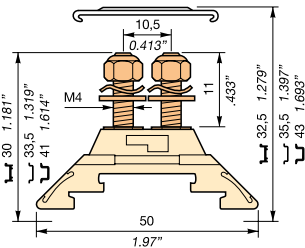
[illegible]

HD4/9.FF4 stud terminal blocks

Feed-through - 9.5 mm 0.374 in spacing



HD4/9.FF4



9.5 mm 0.374 in spacing

Description

- 2 stud terminals M4 x 11 mm 0.433 in,
- Equipment: self locking nut + spring washer + washer.

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 studs M4	Beige	HD4/9.FF4	1SNA295393R2200	100	6.00

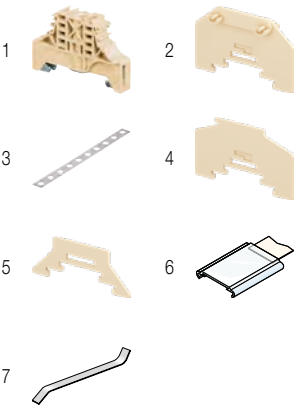
Main technical data

Connecting capacity	NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130) Lug (DIN 46235 / 46234) Quick-connect: 6.3 x 0.8 mm	0.5 ... 4 mm² 0.5 ... 4 mm²	
Rated voltage	V AC V DC	(Cat. C) 500 V (Cat. C) 500 V	
Rated current	32 A		
Rated cross section	4 mm²		

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 7 mm Ø 0.276 in
Torque		1.2 N.m 10.6 lb.in

CE	RoHS	EAC																	
CE	RoHS	EAC																	



Accessories

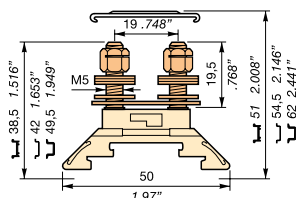
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Beige	BAM2	1SNA296351R0000	50	12.00
		BAH22	1SNA164655R0400	50	10.00
2 End sections	Beige	FJHD32	1SNA295431R1000	25	4.00
3 Jumper bars		BJH105	1SNA163503R2400	10	197.00
4 Circuit separators	Beige	SCHD1	1SNA295428R2500	25	2.00
5 Spacers	Beige	INH105	1SNA295427R1400	25	2.00
6 Protecting covers	Transparent	CPM	1SNA187312R1400	1	25.00
	Beige	CPM	1SNA197312R1600	10	25.00
7 Terminal block markers	White	RTC	1SNA163156R2700	1	10.00
		PEFH	1SNA163497R1600	10	
		RPEH	1SNA163518R2200	1	12.00
	White	RC610	1SNA233000R0100	10	7.50

HD10/12.FF5 stud terminal blocks

Feed-through - 12 mm 0.473 in spacing



HD10/12.FF5



12 mm 0.473 in spacing

Description

- 2 stud terminals M5 x 19.5 mm 0.768 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer.

Ordering details

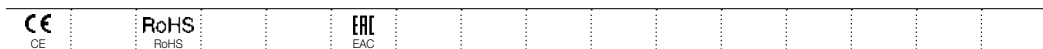
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 studs M5	Beige 	HD10/12.FF5	1SNA295397R2600	50	11.00

Main technical data

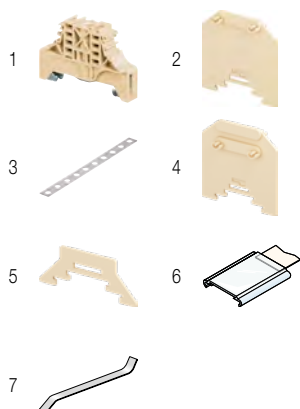
Connecting capacity		NF C	DIN	NF F 61-017	Rail		Type 2, TH 35-7.5, TH 35-15
Wire size	Lug (NF C 20-130)	0.5 ... 10 mm²			Tool		Wrench Ø 8 mm Ø 0.315 in
	Lug (DIN 46235 / 46234) Quick-connect: 6.3 x 0.8 mm		0.5 ... 10 mm²				
Rated voltage	V AC	(Cat. C) 750 V			Torque		2.5 N.m 22.1 lb.in
	V DC	(Cat. C) 750 V					
Rated current		57 A					
Rated cross section		10 mm²					

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2.5 N.m 22.1 lb.in



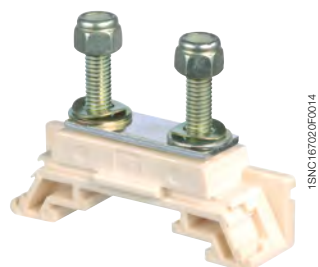
The use of a jumper bar requires to use a spacer instead of a circuit separator.



Accessories

Description				Color	Type	Part Numbers	Pkg	Weight	
							qty	(1 pce) g	
1	End stops	10 mm	0.394 in		Beige 	BAM2	1SNA296351R0000	50	12.00
		8.2 mm	0.323 in		BAH22	1SNA164655R0400	50	10.00	
2	End sections	1.5 mm	0.059 in		Beige 	FJHD50	1SNA295425R1200	25	4.00
3	Jumper bars	10 poles				BJH131-10	1SNA163468R0000	10	59.00
4	Circuit separators	1.5 mm	0.059 in		Beige 	FJDHD	1SNA295426R1300	25	4.00
		1.2 mm	0.047 in		SCHD5	1SNA295430R2300	25	2.00	
5	Spacers	1.2 mm	0.047 in	Beige 	INH1	1SNA295427R1400	25	2.00	
6	Protecting covers	Length 500 mm 19.70 in		Transparent 	CPM	1SNA187312R1400	1	25.00	
				Beige 	CPM	1SNA197312R1600	10	25.00	
7	Terminal block markers	Blank strip label for CPM Label holder Blank label for PEFH Blank card		White 	RTC	1SNA163156R2700	1	10.00	
					PEFH	1SNA163497R1600	10		
					RPED	1SNA163518R2200	1	12.00	
				White 	RC610	1SNA233000R0100	10	7.50	

Feed-through - 14 mm 0.551 in spacing

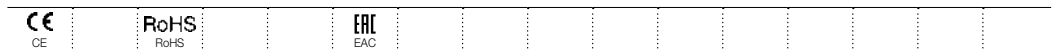


- 2 stud terminals M5 x 19.5 mm 0.768 in,
- Equipment: self locking nut + spring washer + washer,
- 18 mm 0.709 in spacing adding SCH6 or INH3,
- Two jumpering options: 14 mm 0.551 in spacing with BJH14 and 18 mm 0.709 in spacing (adding INH3) with BJH18,
- NF F 61-017 designation: BE0018-FF5 (1SNA295012R1700 + SCH6 or INH3).

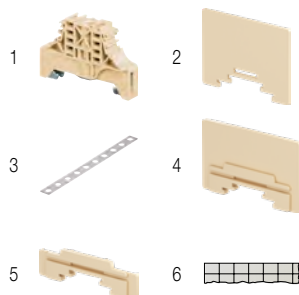
Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 studs M5	Beige	HD16/14.FF5.21.3	1SNA295012R1700	25	24.00

Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	0.5 ... 16 mm²		
	Lug (DIN 46235 / 46234)		0.5 ... 16 mm²	
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 500 V	(Cat. C) 500 V	380 V
	V DC	(Cat. C) 500 V	(Cat. C) 600 V	500 V
Rated current		71 A	65 A	71 A
Rated cross section		16 mm²		

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2.5 N.m 22.1 lb.in

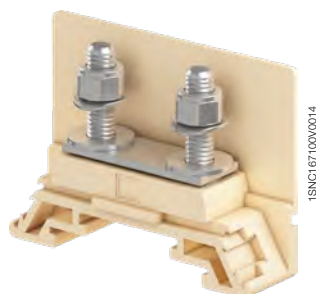


6



Description					Color	Type	Part Numbers	Pkg	Weight	
								qty	(1 pce) g	
1	End stops	10 mm	0.394 in		Beige	BAM2	1SNA296351R0000	50	12.00	
		8.2 mm	0.323 in			BAH22	1SNA164655R0400	50	10.00	
2	End sections	1.5 mm	0.059 in		Beige	FEH8	1SNA198729R0100	25	4.30	
3	Jumper bars	2 poles				BJH14-2	1SNA173438R2400	1	5.30	
		3 poles		BJH14-3	1SNA173439R2500	10	8.30			
		4 poles		BJH14-4	1SNA173441R2700	10	11.20			
		5 poles		BJH14-5	1SNA173449R0700	10	14.20			
		10 poles		BJH14-10	1SNA173451R2100	1	28.00			
		2 poles		BJH18-2	1SNA173452R2200	1	6.20			
		3 poles		BJH18-3	1SNA173453R2300	1	9.90			
		4 poles		BJH18-4	1SNA173454R2400	1	13.80			
		5 poles		BJH18-5	1SNA173460R0600	1	17.50			
		10 poles		BJH18-10	1SNA173461R2300	1	36.90			
		4	Circuit separators	4 mm	0.157 in	Beige	SCH6	1SNA199393R2200	20	
		5	Spacers	4 mm	0.157 in	Beige	INH3	1SNA199394R2300	25	2.60
6	Terminal block markers	Precut blank label		White	REH3	1SNA163155R2600	1	20.00		
		Blank card			RC610	1SNA233000R0100	10	7.50		

Feed-through - 14 mm 0.551 in spacing



Technical drawing of the rear view of the front suspension assembly. Dimensions and labels include:

- Top width: 22 (0.867")
- Right side height: 19.5 (0.768")
- Right side height (lower section): 1.57" (40)
- Right side height (lower section): 43.5 (1.57")
- Right side height (lower section): 51 (1.57")
- Bottom width: 54 (2.10")
- Label M5 on the left side.

- 2 stud terminals M5 x 19.5 mm 0.768 in,
- Equipment: self locking nut + spring washer + washer,
- NF F 61-017 designation: BE0014-FF5 (1SNA295013R1000).

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 studs M5	Beige	HD16/14.FF5.20.3	1SNA295013R1000	25	26.00

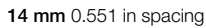
Connecting capacity		NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130)	0.5 ... 16 mm²		
	Lug (DIN 46235 / 46234)		0.5 ... 16 mm²	
	Quick-connect: 6.3 x 0.8 mm			
Rated voltage	V AC	(Cat. C) 500 V	(Cat. C) 500 V	380 V
	V DC	(Cat. C) 500 V	(Cat. C) 600 V	500 V
Rated current		71 A	65 A	51 A
Rated cross section		16 mm²		

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2.5 N.m 22.1 lb.in

CE	RoHS RoHS	EAC EAC							

Description					Color	Type	Part Numbers	Pkg	Weight
								qty	(1 pc) g
1	End stops	10 mm	0.394 in		Beige	BAM2	1SNA296351R0000	50	12.00
		8.2 mm	0.323 in						
2	End sections	1.5 mm	0.059 in		Beige	FEH8	1SNA198729R0100	25	4.30
3	Terminal block markers	Blank card			White	RC610	1SNA233000R0100	10	7.50

Feed-through - 14 mm 0.551 in spacing

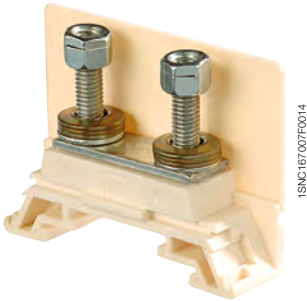


The use of a jumper bar requires to use a spacer instead of a circuit separator.

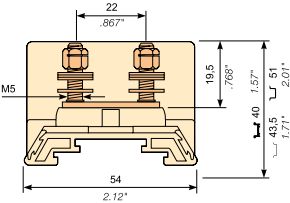


HD16/14.FF5.20 stud terminal blocks

Feed-through - 14 mm 0.551 in spacing



HD16/14.FF5.20



14 mm 0.551 in spacing

Description

- 2 stud terminals M5 x 19.5 mm 0.768 in,
- Equipment: H 130 self locking nut + TREP 3L washer + washer.

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
2 studs M5	Beige	HD16/14.FF5.20	1SNA162979R0700	25	27.00

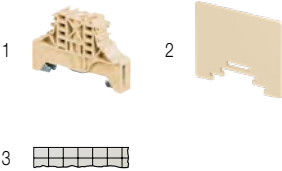
Main technical data

Connecting capacity	NF C	DIN	NF F 61-017
Wire size	Lug (NF C 20-130) Lug (DIN 46235 / 46234) Quick-connect: 6.3 x 0.8 mm	0.5 ... 16 mm² 0.5 ... 16 mm²	
Rated voltage	V AC V DC	(Cat. C) 500 V (Cat. C) 500 V	(Cat. C) 500 V 380 V (Cat. C) 600 V 500 V
Rated current		71 A 65 A	51 A
Rated cross section		16 mm²	

Mounting instructions

Rail		Type 2, TH 35-7.5, TH 35-15
Tool		Wrench Ø 8 mm Ø 0.315 in
Torque		2.5 N.m 22.1 lb.in

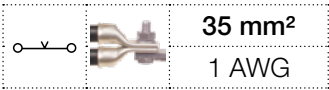
CE	RoHS	EAC																	
CE	RoHS	EAC																	



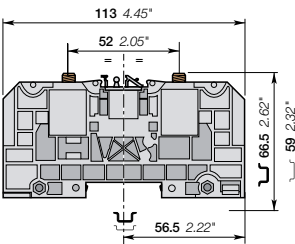
Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops	Beige	BAM2	1SNA296351R0000	50	12.00
		BAH22	1SNA164655R0400	50	10.00
2 End sections	Beige	FEH8	1SNA198729R0100	25	4.30
3 Terminal block markers	White	REH3	1SNA163155R2600	1	20.00
		RC610	1SNA233000R0100	10	7.50

D35/27.FF power terminal blocks
Feed-through - 27 mm 1.062 in spacing



D35/27.FF



27 mm 1.062 in spacing

Description

- Rated cross section up to 300 mm² / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

Ordering details

Description	Color	Type	Part Number	Pkg	Weight
Feed-through 2 studs M6 without cover	Grey	D35/27.FF	1SNA190001R2000	10	130.00

Main technical data

Connecting capacity		NF C	DIN	UL	CSA
Lugs	Rigid: Solid/Stranded	2.5-35 mm²	2.5-50 mm²	1 AWG	
	Flexible with insulated ferrules	2.5-35 mm²	2.5-35 mm²		
	Gauge	C4			
Screw clamp		IEC	UL	CSA	
	Rigid: Solid/Stranded				
	Flexible without ferrule				
Gauge					
Bar		IEC	UL	CSA	
Rated current		125 A		125 A	
Rated cross section		35 mm²		1 AWG	
Rated voltage		1000 V		600 V	
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Lugs		Wrench H10 mm
Tool		
Torque		3 - 6 N.m 26.1 - 52 lb.in
Jumper screw		Allen key 6 mm
Tool		0.236 in
Torque		6 - 12 N.m 52 - 104 lb.in
Screw clamp		
Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.TE.com>

RoHS	UL	Gost R
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Accessories

Description	Color	Type	Part Number	Pkg	Weight
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Jumper bars		BJS27-2	1SNA205772R1300	5	34.00
		BJS27-3	1SNA205773R1400	5	52.00
3 Splitters		DRF6	1SNA205767R1600	10	4.00
4 Protecting covers	Grey	CPUF35	1SNA190016R1600	2	8.30
5 Terminal block markers	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

Feed-through - 32 mm 1.260 in spacing

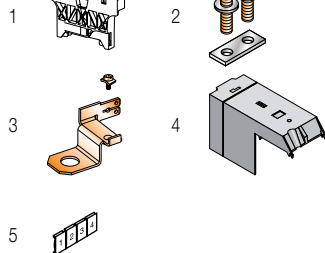


- Rated cross section up to 300 mm² / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through 2 studs M8 without cover:	Grey	D70/32.FF	1SNA190002R2100	3	269.00

Connecting capacity		NF C	DIN	UL
Lugs	Rigid: Solid/Stranded	6-95 mm ²	6-70 mm ²	000 AWG
	Flexible with insulated ferrules	6-70 mm ²	6-70 mm ²	
	Gauge	C6		

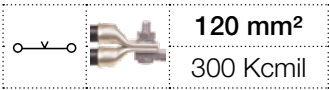
Rail		TH 35-7.5, TH 35-15
Lugs		Wrench H13 mm
Tool		6 - 12 N.m 52 - 104 lb.in
Torque		
Jumper screw		Allen key 6 mm 0.236 in
Tool		6 - 12 N.m 52 - 104 lb.in
Torque		
Screw clamp		
Tool		
Torque		
Wire stripping length		



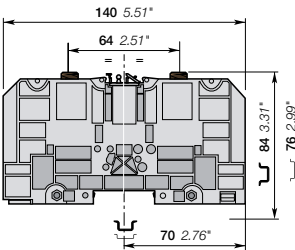
Description			Color	Type	Part Number	Pkg qty	Weight (1 pce)
1	End stops	10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2	Jumper bars	2 poles		BJS32-2	1SNA205774R1500	5	66.00
		3 poles		BJS32-3	1SNA205775R1600	5	105.80
3	Splitters	For 6.35x0.8mm faston clips and screws		DRF8	1SNA205768R2700	10	5.00
4	Protecting covers	IP20 rotating protecting cover	Grey	CPUF70	1SNA190017R1700	2	12.00
5	Terminal block markers	Blank card	White	RC810	1SNA234000R0200	1	8.20

USNC165005S0201 - Rev. C

D120/42.FF power terminal blocks
Feed-through - 42 mm 1.653 in spacing



D120/42.FF



42 mm 1.653 in spacing

Description

- Rated cross section up to 300 mm² / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

Ordering details

Description	Color	Type	Part Number	Pkg	Weight
Feed-through 2 studs M10 without cover	Grey	D120/42.FF	1SNA190003R2200	1	423.00

Main technical data

Connecting capacity		NF C	DIN	UL	CSA
Lugs	Rigid: Solid/Stranded	6-150 mm²	6-120 mm²	300 Kcmil	
	Flexible with insulated ferrules	6-120 mm²			
	Gauge	C8			
		IEC	UL	CSA	
Screw clamp	Rigid: Solid/Stranded				
	Flexible without ferrule				
	Gauge				
		IEC	UL	CSA	
Bar					
Rated current		269 A	269 A		
Rated cross section		120 mm²	300 Kcmil		
Rated voltage		1000 V	600 V		
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Lugs		Wrench H17 mm
Tool		
Torque		10 - 20 N.m 87 - 174 lb.in
Jumper screw		Allen key 6 mm 0.236 in
Tool		
Torque		6 - 12 N.m 52 - 104 lb.in
Screw clamp		
Tool		
Torque		
Wire stripping length		

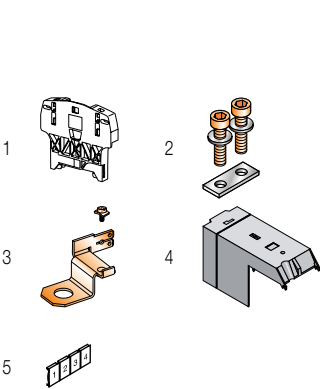
The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.TE.com>

RoHS	UL	Gost R																	
RoHS	UL	Gost R																	

Accessories

Description	Color	Type	Part Number	Pkg	Weight
1 End stops 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Jumper bars 2 poles		BJS42-2	1SNA205776R1700	5	93.00
3 poles		BJS42-3	1SNA205777R1000	5	153.00
3 Splitters For 6.35x0.8mm faston clips and screws		DRF10	1SNA205769R2000	10	7.00
4 Protecting covers IP20 rotating protecting cover	Grey	CPUF120	1SNA190018R2000	2	24.00
5 Terminal block markers Blank card	White	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet. Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.

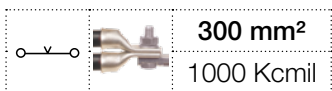


Technical data valid for copper conductors only.

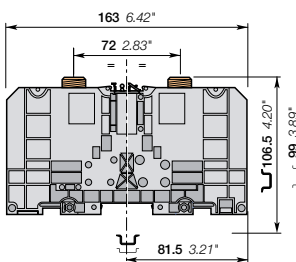
Feed-through - 55 mm 2.165 in spacing



Feed-through - 55 mm 2.165 in spacing



D300/55.FF



55 mm 2.165 in spacing

Description

- Rated cross section up to 300 mm² / 1000 Kcmil, IP20 protection cover,
- Holding foot on DIN 3 rail with two position for easy mounting, lug mounting in accordance with NF C 20-130 and DIN 46234, various marking options, rail or base mounting.

Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce)
Feed-through 2 studs M16 without cover	Grey 	D300/55.FF	1SNA190005R2400	1	775.00

Main technical data

Connecting capacity		NF C	DIN	UL	CSA
Lugs	Rigid: Solid/Stranded	25-300 mm²	6-300 mm²	1000 Kcmil	
	Flexible with insulated ferrule Gauge	6-300 mm²			
		IEC		UL	CSA
Screw clamp	Rigid: Solid/Stranded				
	Flexible without ferrule Gauge				
		IEC		UL	CSA
Bar					
Rated current		520 A		460 A	
Rated cross section		300 mm²		1000 Kcmil	
Rated voltage		1000 V		600 V	
Impulse withstand voltage		8000 V			

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Lugs		Wrench H24 mm
Tool		
Torque		25 - 50 N.m 217 - 435 lb.in
Jumper screw		Allen key
Tool		6 mm 0.236 in
Torque		6 - 12 N.m 52 - 104 lb.in
Screw clamp		
Tool		
Torque		
Wire stripping length		

The connecting capacity data for one Rigid, Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.TE.com>

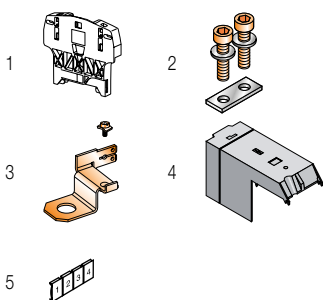
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Accessories

Description				Color	Type	Part Number	Pkg	Weight
							qty	(1 pce)
1	End stops	10 mm	0.394 in	Dark grey 	BAZH1	1SNK900102R0000	20	24.00
2	Jumper bars	2 poles			BJS551-2	1SNA205778R2100	5	158.00
		3 poles			BJS551-3	1SNA205779R2200	5	266.00
3	Splitters	For 6.35x0.8mm faston clips and screws			DRF16	1SNA205771R1200	10	7.00
4	Protecting covers	IP20 rotating protecting cover		Grey 	CPUF185	1SNA190019R2100	2	40.00
5	Terminal block markers	Blank card		White 	RC810	1SNA234000R0200	1	8.20

Complete list of accessories is indicated in the terminal block datasheet.

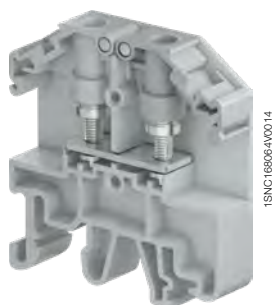
Some accessories such as jumper bars may modify the terminal block's ratings: complete information in the accessories catalogue pages.



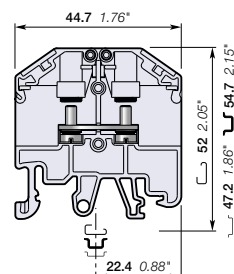
RGW2.5 Ring lug terminal blocks

Feed-through - 9 mm 0.354 in spacing

	2.5 mm² 14 AWG
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RGW2.5



9 mm 0.354 in spacing

Description

- Stud terminal block for ring lug connection,
- Integrated captive nuts in protective wings provide easy and secured connection,
- Universal mounting on symmetrical and asymmetrical rails.

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through With 2 studs M3 and captive nuts in wings	Grey	RGW2.5-V0	1SNA510003R0000	45	11.78

Main technical data

	IEC	UL	CSA
Lugs			
Rigid: Solid/Stranded	0.1 ... 2.5 mm²	26 ... 14 AWG	26 ... 14 AWG
Flexible with insulated ferrule Gauge	0.1 ... 2.5 mm²		
Rated current	24 A	15 A	20 A
Maximum current		20 A	
Rated cross section	2.5 mm²	14 AWG	14 AWG
Rated short-time withstand current (1s)	300 A		
Rated voltage	800 V	600 V	600 V
Impulse withstand voltage	8000 V		
Protection	IP10	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Nuts		Flat screwdriver Ø 4 mm Ø 0.157 in
Tool		0.6 ... 0.8 N.m 5.3 ... 7.1 lb.in
Torque		7 mm 0.28 in
Max width of lug		

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.te.com>

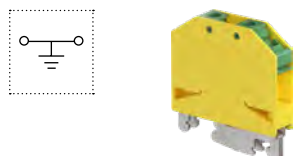
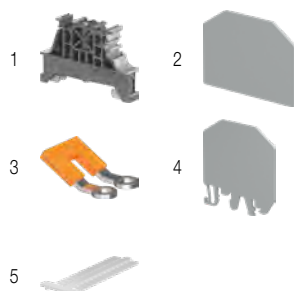
CE	RoHS	UL	CSA

Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections 1.2 mm 0.047 in	Grey	E-RGW2.5	1SNA519003R0000	25	1.89
3 Lateral jumper bars 2 poles 24 A (IEC)	Orange	PC-RG2.5-2	1SNA519103R0200	25	3.02
3 poles 24 A (IEC)		PC-RG2.5-3	1SNA519103R0300	20	4.69
4 poles 24 A (IEC)		PC-RG2.5-4	1SNA519103R0400	15	6.36
10 poles 24 A (IEC)		PC-RG2.5-10	1SNA519103R1000	5	16.39
4 Circuit separators 1.5 mm 0.059 in	Grey	CS-RGW-S	1SNA519200R0000	25	4.59
5 Terminal block markers Blank marker	White	M-W610PC	1SNA235511R0600	360	8.03
		MG-CPM-01 41090	1SNB041090R0510	1960	0.351

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.



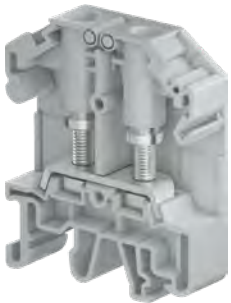
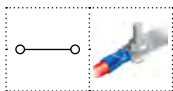
Ground Ring lug terminal blocks

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground With 2 studs M3 and captive nuts in wings	Green-yellow	RGW2.5-PE-V0	1SNA511003R0500	45	28.56

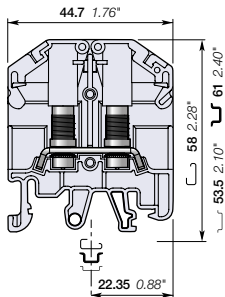
Technical data valid for copper conductors only.

RGW6 Ring lug terminal blocks

Feed-through - 11 mm 0.433 in spacing



RGW6



11 mm 0.433 in spacing

Description

- Stud terminal block for ring lug connection,
- Integrated captive nuts in protective wings provide easy and secured connection,
- Universal mounting on symmetrical and asymmetrical rails.

Ordering details

Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through	With 2 studs M4 and captive nuts in winas	Grey	RGW6-V0	1SNA510024R0000	40	19.76

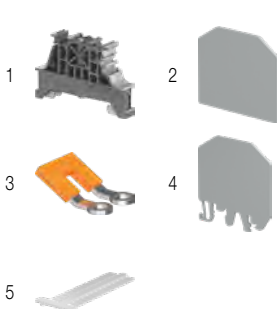
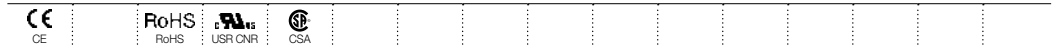
Main technical data

		IEC	UL	CSA
Lugs	Rigid: Solid/Stranded	0.1 ... 6 mm ²	22 ... 10 AWG	22 ... 10 AWG
	Flexible with insulated ferrule	0.1 ... 6 mm ²		
	Gauge			
Rated current		41 A	30 A	30 A
Maximum current			30 A	
Rated cross section		6 mm ²	10 AWG	10 AWG
Rated short-time withstand current (1s)		720 A		
Rated voltage		800 V	600 V	600 V
Impulse withstand voltage		8000 V		
Protection		IP10	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Nuts		Flat screwdriver
Tool		Ø 5.5 mm Ø 0.217 in
Torque		0.8 ... 1.2 N.m 7.1 ... 10.6 lb.in
Max width of lug		9.4 mm 0.37 in

The connecting capacity data for one Rigid, Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.TE.com>

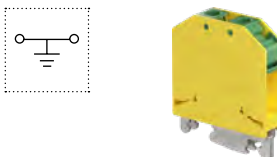


Accessories

Description				Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1	End stops	10 mm	0.394 in	Dark grey 	BAM4	1SNK900001R0000	50	14.00
2	End sections	1.4 mm	0.055 in	Grey 	E-RGW6	1SNA519004R0000	50	2.65
3	Lateral jumper bars	2 poles	41 A (IEC)	Orange 	PC-RG6-2	1SNA519104R0200	25	3.44
		3 poles	41 A (IEC)		PC-RG6-3	1SNA519104R0300	20	5.40
		4 poles	41 A (IEC)		PC-RG6-4	1SNA519104R0400	15	7.33
		7 poles	41 A (IEC)		PC-RG6-7	1SNA519104R0700	5	13.24
		10 poles	41 A (IEC)		PC-RG6-10	1SNA519104R1000	5	19.05
4	Circuit separators	1.5 mm	0.059 in	Grey 	CS-RGW-S	1SNA519200R0000	25	4.59
5	Terminal block markers	Blank marker		White 	M-W810PC	1SNA235510R0800	260	0.27
					MG-CPM-01 41096	1SNB041096R0810	1120	0.400

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

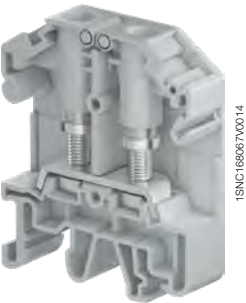


Ground Ring lug terminal blocks

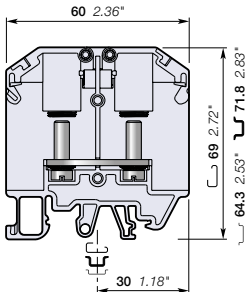
Description		Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Ground	With 2 studs M4 and captive nuts in wings	Green-yellow 	RGW6-PE-V0	1SNA511024R0500	40	31.76

Technical data valid for copper conductors only.

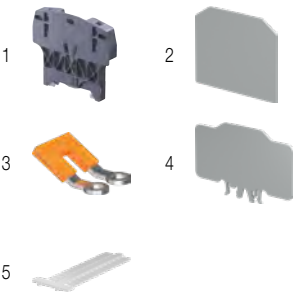
RGW25-M5 Ring lug terminal blocks
Feed-through - 18 mm 0.709 in spacing



RGW25-M5



18 mm 0.709 in spacing



Description

- Stud terminal block for ring lug connection,
- Integrated captive nuts in protective wings provide easy and secured connection,
- Universal mounting on symmetrical and asymmetrical rails.

Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through With 2 studs M5 and captive nuts in wings	Grey	RGW25-M5-V0	1SNA510005R0000	10	49.10

Main technical data

	IEC	UL	CSA
Lugs	Rigid: Solid/Stranded 0.1 ... 25 mm² Flexible with insulated ferrule Gauge 0.1 ... 25 mm²	26 ... 4 AWG	26 ... 4 AWG
Rated current	101 A	85 A	100 A
Maximum current		115 A	
Rated cross section	25 mm²	4 AWG	4 AWG
Rated short-time withstand current (1s)	3000 A		
Rated voltage	800 V	600 V	600 V
Impulse withstand voltage	8000 V		
Protection	IP10	NEMA 1	

Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Nuts		Flat screwdriver Ø 5.5 mm Ø 0.217 in
Tool		
Torque		3 ... 3.5 N.m 26.5 ... 31 lb.in
Max width of lug		16.2 mm 0.64 in

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.te.com>

CE	RoHS	UL	CSA
CE	RoHS	UL	CSA

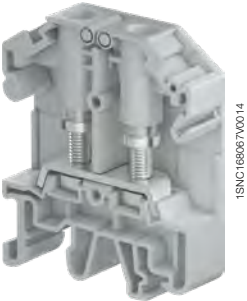
Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 End sections 1.4 mm 0.055 in	Grey	E-RGW25	1SNA519005R0000	25	0.146
3 Lateral jumper bars 2 poles 101 A (IEC)	Orange	PC-RGW25-2	1SNA519106R0200	25	8.81
4 Circuit separators 2 mm 0.079 in	Grey	CS-RGW-L	1SNA519201R0000	25	13.72
5 Terminal block markers Blank marker	White	M-W1010PC	1SNA235512R1000	200	0.10
		MG-CPM-01 41096	1SNB041096R0810	1120	0.400

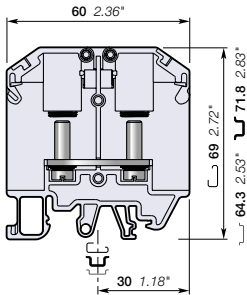
Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

RGW25-M6 Ring lug terminal blocks
Feed-through - 18 mm 0.709 in spacing



RGW25-M6



18 mm 0.709 in spacing

Description

- Stud terminal block for ring lug connection,
- Integrated captive nuts in protective wings provide easy and secured connection,
- Universal mounting on symmetrical and asymmetrical rails.

Ordering details

Table with 6 columns: Description, Color, Type, Part Numbers, Pkg qty, Weight (1 pce) g. Row 1: Feed-through With 2 studs M6 and captive nuts in wings, Grey, RGW25-M6-V0, 1SNA510006R0000, 10, 48.44

Main technical data

Table with 4 columns: Lugs, Rated current, Maximum current, Rated cross section, Rated short-time withstand current (1s), Rated voltage, Impulse withstand voltage, Protection. Rows include IEC, UL, and CSA specifications.

Mounting instructions

Table with 2 columns: Mounting instructions, Rail, Nuts, Tool, Torque, Max width of lug. Includes diagrams for rail types and nut installation.

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are provided as supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on http://www.TE.com

Table with 2 columns: CE, RoHS, UL, CSA. Row 1: CE, RoHS, UL, CSA

Accessories

Table with 6 columns: Description, Color, Type, Part Numbers, Pkg qty, Weight (1 pce) g. Rows include End stops, End sections, Lateral jumper bars, Circuit separators, and Terminal block markers.

Complete list of accessories is indicated in the terminal block datasheet including end stops. Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

