

## Railway applications, terminal blocks

### Screw clamp technology complying with NF F 55251



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## Railway applications, terminal blocks

Screw clamp technology complying with NF F 55251 and CT448



## The proven reliability and performance for railway infrastructure

The screw clamp technology complying with NF F 55251 and CT448 minimizes maintenance & trouble shooting operations thanks to the anti-release system. The screw is locked in total safety.

The high density capacity screw clamp connection can fit up to two conductors per clamp which offers extended possibilities in electrical cabinets.



### Reliable in harsh conditions

#### Excellent withstand in corrosive atmosphere

- Self-cleaning push-turn knob
- Stainless steel screw
- Nickered copper alloy compression clamp
- Dust protection covering.



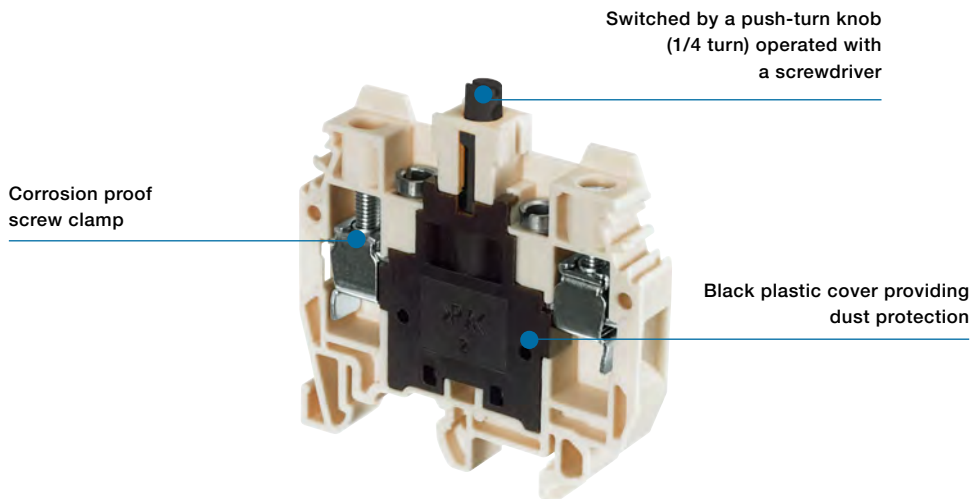
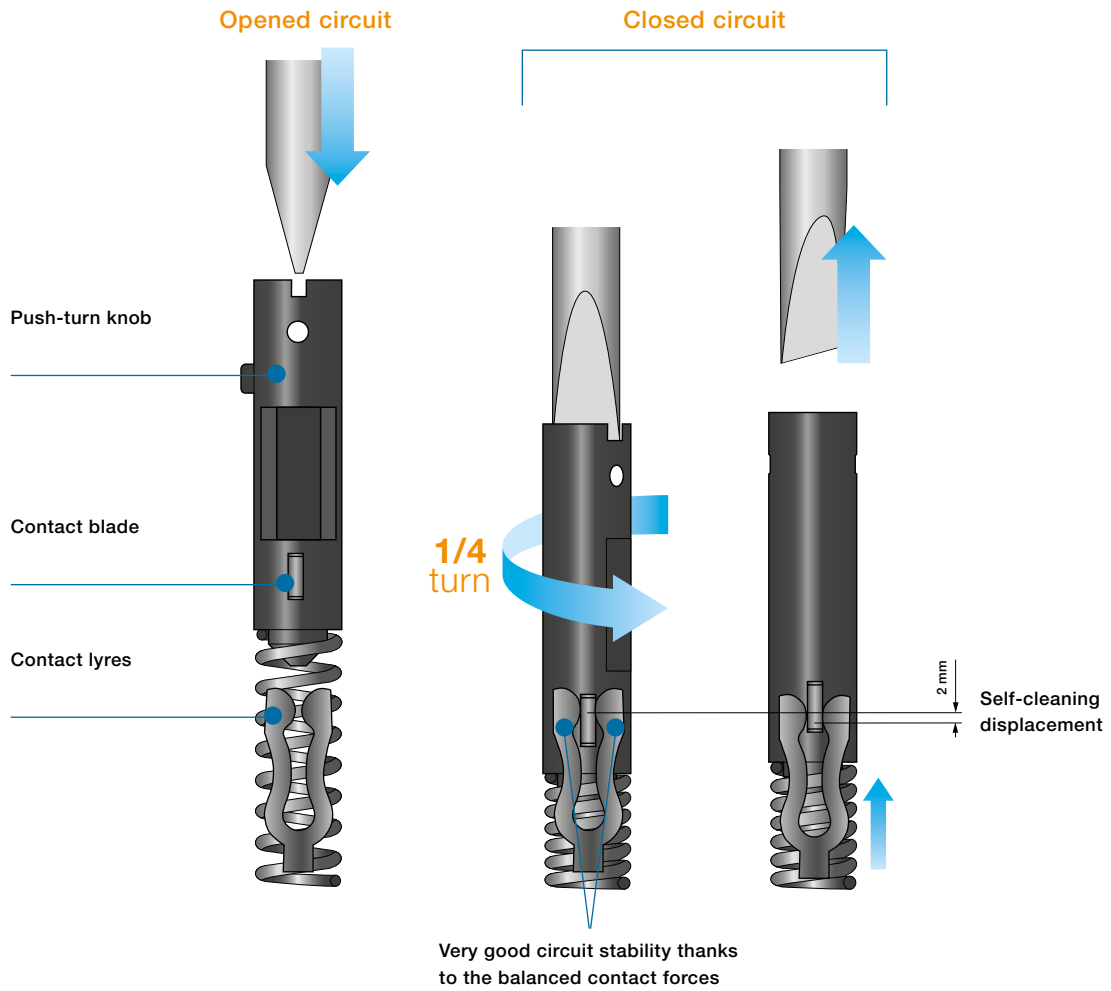
### Continuous operations

#### Maintenance and trouble shooting operations are minimized

- Thanks to our anti-release system
- Screw is locked in total safety.

# Features

## Focus on ES8-CG



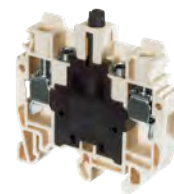
# Railway applications, terminal blocks

## Screw clamp and pluggable technologies



### Feed-through

Section			
2.5 mm <sup>2</sup>	E4/6	E6/8	E10/16
6 mm <sup>2</sup>			
10 mm <sup>2</sup>			



### Disconnect with plug

### Disconnect with push-turn knob

Section			
6 mm <sup>2</sup>	E10/16.S	M6/8.STP	ES8-CG
10 mm <sup>2</sup>			

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

# E4/6 railway terminal blocks

## Feed-through - 6 mm 0.236 in spacing



2.5 mm<sup>2</sup>

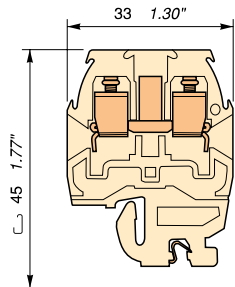
### Description

- Ease your test operations with the built-in test socket - NF F 55-251 designation: ER 6,
- Sy SNCF 7 963 1088.



1SNA167147F0014

E4/6



6 mm 0.236 in spacing

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through With test socket DIA 2 mm 0.079 in	Beige	E4/6	1SNA190468R0000	50	8.00

### Main technical data

Connecting capacity		NF C	DIN	NF F 55-251	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 4 mm <sup>2</sup>			Rail	G32
	Flexible without ferrule	0.5 ... 2.5 mm <sup>2</sup>			Wire stripping length	9.5 mm 0.374 in
					Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated voltage	V AC	500 V	750 V	500 V	Torque	0.5 - 0.8 N.m 4.43 - 7.08 lb.in
	V DC	500 V	900 V	500 V		
Rated current		30 A	26 A	30 A		
Rated cross section		2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>	2.5 mm <sup>2</sup>		

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### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Beige	BAR	1SNA164519R2400	50	11.00
2 End sections 1 mm 0.039 in	Beige	FEE6-1	1SNA193080R1200	25	1.30
3 Test plugs DIA 2 mm 0.079 in	Black	FC2	1SNA007865R2600	100	2.00
4 Terminal block markers	Black	PE	1SNA103007R2300	25	13.00
	White	RC610	1SNA233000R0100	10	7.50

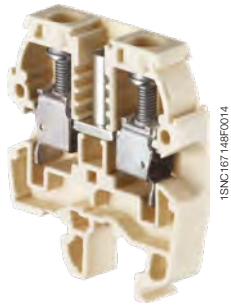
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# E6/8 railway terminal blocks

## Feed-through - 8 mm 0.315 in spacing

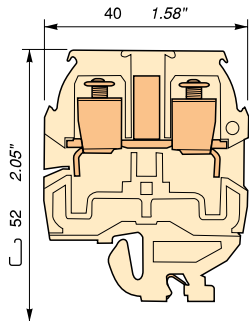


6 mm<sup>2</sup>



1SNC167148F0014

E6/8



8 mm 0.315 in spacing

### Description

- Ease your test operations with the built-in test socket - NF F 55-251 designation: ER 8,
- Sy SNCF 7 963 1114.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Feed-through With test socket DIA 4 mm 0.157 in	Beige <input type="checkbox"/>	E6/8	1SNA190607R0400	50	15.00

### Main technical data

Connecting capacity		NF C	DIN	NF F 55-251	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 10 mm <sup>2</sup>			Rail	G32
	Flexible without ferrule	0.5 ... 6 mm <sup>2</sup>			Wire stripping length	13 mm 0.512 in
					Tool	Flat screwdriver Ø 5 mm Ø 0.197 in
Rated voltage	V AC	500 V	750 V	500 V	Torque	0.8 - 1 N.m 7.08 - 8.85 lb.in
	V DC	500 V	900 V	500 V		
Rated current		51 A	46 A	51 A		
Rated cross section		6 mm <sup>2</sup>	6 mm <sup>2</sup>	6 mm <sup>2</sup>		

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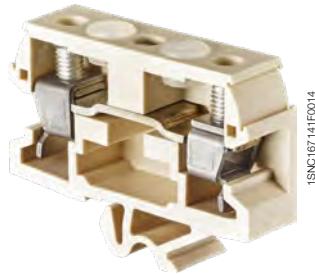
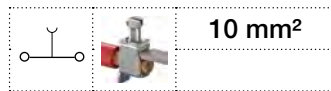
### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops 10 mm 0.394 in	Beige <input type="checkbox"/>	BAR	1SNA164519R2400	50	11.00
2 End sections 1 mm 0.039 in	Beige <input type="checkbox"/>	FEE8-2	1SNA193085R0300	25	2.00
3 Lateral jumper bars 2 poles 50 A (IEC)	Black <input type="checkbox"/>	PC8-2	1SNA116538R1700	10	3.00
		PC8-10	1SNA163313R2400	10	14.00
4 Test plugs DIA 4 mm 0.157 in	White <input type="checkbox"/>	FC4	1SNA167860R0100	10	10.00
5 Terminal block markers Label holder	Black <input type="checkbox"/>	PE	1SNA103007R2300	25	13.00
	White <input type="checkbox"/>	RC810	1SNA234000R0200	10	8.20

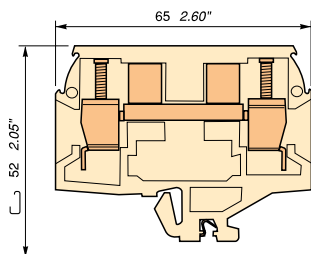


# E10/16 railway terminal blocks

## Feed-through - 16 mm 0.63 in spacing



E10/16



16 mm 0.63 in spacing

### Description

- Ease your test operations with the built-in test socket - NF F 55-251 designation: ER 16,
- Sy SNCF 7 963 1110.

### Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Feed-through With test socket DIA 4 mm 0.157 in	Beige	E10/16	1SNA191302R2700	25	47.00

### Main technical data

Connecting capacity		NF C	DIN	NF F 55-251	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 16 mm <sup>2</sup>			Rail	G32
	Flexible without ferrule	0.5 ... 10 mm <sup>2</sup>			Wire stripping length	14 mm 0.551 in
					Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
Rated voltage	V AC	750 V	750 V	500 V	Torque	2.5 - 3 N.m 22.1 - 26.6 lb.in
	V DC	500 V	900 V	500 V		
Rated current		71 A	63 A	71 A		
Rated cross section		10 mm <sup>2</sup>	10 mm <sup>2</sup>	10 mm <sup>2</sup>		

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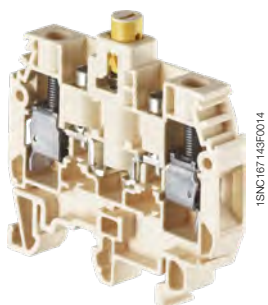
### Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Beige	BAR	1SNA164519R2400	50	11.00
2 End sections 1.5 mm 0.059 in	Beige	FEE10-16	1SNA193449R2400	10	
3 Lateral jumper bars 2 poles		PC	1SNA168497R2300	10	7.00
4 Test plugs DIA 4 mm 0.157 in	White	FC4	1SNA167860R0100	10	10.00
5 Terminal block markers	Black	PE	1SNA103007R2300	25	13.00
	White	RC1010	1SNA238000R1600	10	1.30

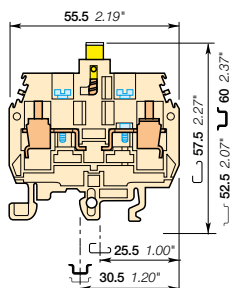


# M6/8.STP railway terminal blocks

Disconnect with push-turn knob - 8 mm 0.315 in spacing



M6/8.STP



8 mm 0.315 in spacing

## Description

- Ease your disconnect operations with the disconnect 1/4 turn push-turn knob,
- Possibility to seal in the open position,
- Ease your test operations with the built-in test socket,
- NF F 55-251 designation: ES 8,
- Sy SNCF 7 963 1156.

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
Disconnect With 2 tests sockets DIA 4 mm 0.157 in	Beige	M6/8.STP	1SNA195212R1000	25	21.00

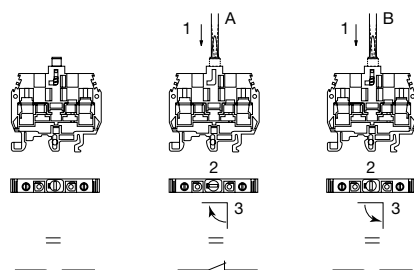
## Main technical data

Connecting capacity		NF C	DIN	NF F 55-251
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 10 mm <sup>2</sup>		
	Flexible without ferrule	0.5 ... 6 mm <sup>2</sup>		
Rated voltage	V AC	500 V	500 V	500 V
	V DC	500 V	500 V	500 V
Rated current		17 A	15 A	12 A
Rated cross section		6 mm <sup>2</sup>	6 mm <sup>2</sup>	6 mm <sup>2</sup>

## Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.8 - 1 N.m 7.08 - 8.85 lb.in

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- A: Closing operation  
B: Opening operation  
1: Push  
2: Turn  
3: stop

## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce)
1 End stops 10 mm 0.394 in		BAM2	1SNA296351R0000	50	12.00
		BAR	1SNA164519R2400	50	11.00
2 End sections 2.8 mm 0.110 in		FEMT1	1SNA193137R0300	50	2.00
3 Lateral jumper bars 1 poles 24 A (IEC)		AD2.5	1SNA114205R2000	50	1.60
		PC8-2	1SNA116538R1700	10	3.00
			1SNA163313R2400	10	14.00
4 Test plugs DIA 4 mm 0.157 in		FC4	1SNA167860R0100	10	10.00
5 Short circuit plugs With test socket DIA 4 mm 0.157 in		BNSTP1	1SNA196792R1700	20	14.00
6 Terminal block markers Blank card		RC810	1SNA234000R0200	10	8.20

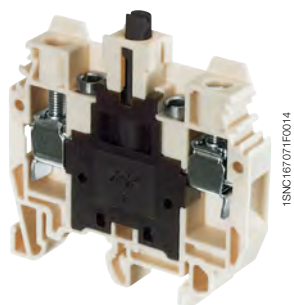


# ES8-CG railway terminal blocks

Disconnect with push-turn knob - 8 mm 0.315 in spacing

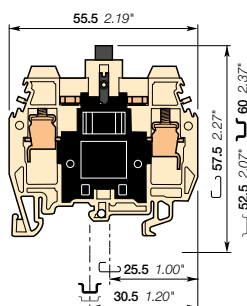


6 mm<sup>2</sup>



1SNC167071FC014

ES8-CG



8 mm 0.315 in spacing

## Description

- Particularly recommended for corrosive atmosphere: Self-cleaning displacement system and dust protection with plastic cover,
- Ease and safe your disconnect operations with the disconnect 1/4 turn push-turn knob,
- Possibility to seal in the open position,
- Ease your test operations with the built-in test socket.

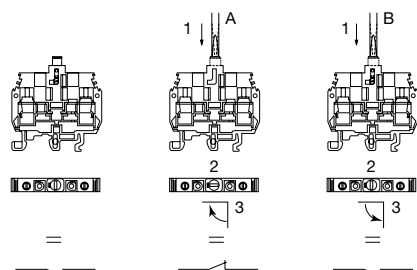
## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect With 2 tests sockets DIA 4 mm 0.157 in	Beige	ES8-CG	1SNA400015R2000	25	21.00
	Green	ES8-CG	1SNA400014R2700	25	21.00

## Main technical data

Connecting capacity		According to CT 448 of the IG PS 52		Mounting instructions	
1 conductor per clamp	Rigid/ Solid/Stranded	0.5 ... 10 mm <sup>2</sup>		Rail	G32, TH 35-7.5, TH 35-15
	Flexible without ferrule	0.5 ... 6 mm <sup>2</sup>		Wire stripping length	11 mm 0.433 in
				Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated voltage	V AC	500 V		Torque	0.8 - 1 N.m 7.08 - 8.85 lb.in
	V DC	500 V			
Rated current		2 A			
Rated cross section		6 mm <sup>2</sup>			

CE	RoHS	EAC																	
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- A: Closing operation
- B: Opening operation
- 1: Push
- 2: Turn
- 3: stop



## 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
		BAR	1SNA164519R2400	50	11.00
2 End sections 2.8 mm 0.110 in	Beige	FEMT1	1SNA193137R0300	50	2.00
3 Lateral jumper bars 1 poles 24 A (IEC)	Grey	AD2.5	1SNA114205R2000	50	1.60
	Black	PC8-2	1SNA116538R1700	10	3.00
		PC8-10	1SNA163313R2400	10	14.00
4 Test plugs DIA 4 mm 0.157 in	White	FC4	1SNA167860R0100	10	10.00
5 Short circuit plugs With test socket DIA 4 mm 0.157 in	Beige	BNSTP1	1SNA196792R1700	20	14.00
6 Terminal block markers Blank card	White	RC810	1SNA234000R0200	10	8.20

1SNC16703050201

# E10/16.S railway terminal blocks

Disconnect with plug - 16 mm 0.63 in spacing

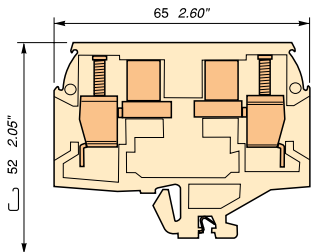


10 mm<sup>2</sup>



1SNC16714ZFC014

E10/16.S



16 mm 0.63 in spacing

## Description

- NF F 55-251 designation: ES 16,
- Sy SNCF 7 963 1109

## Ordering details

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
Disconnect	Beige	E10/16.S	1SNA191296R1100	25	47.00

## Main technical data

Connecting capacity		NF C	DIN	NF F 55-251	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 16 mm <sup>2</sup>			Rail	G32
	Flexible without ferrule	0.5 ... 10 mm <sup>2</sup>			Wire stripping length	14 mm 0.551 in
					Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
Rated voltage	V AC	500 V	380 V	500 V	Torque	2.5 - 3 N.m 22.1 - 26.6 lb.in
	V DC	500 V	440 V	500 V		
Rated current				30 A		
Rated cross section		10 mm <sup>2</sup>	10 mm <sup>2</sup>	10 mm <sup>2</sup>		

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## Accessories

Description	Color	Type	Part Numbers	Pkg qty	Weight (1 pce) g
1 End stops 10 mm 0.394 in	Beige	BAR	1SNA164519R2400	50	11.00
2 End sections 1.5 mm 0.059 in	Beige	FEE10-16	1SNA193449R2400	10	
3 Lateral jumper bars 2 poles		PC	1SNA168497R2300	10	7.00
5 Guide plugs	Beige	BIE	1SNA196915R0200	25	36.00
4 Component plugs	Black	SSB20	1SNA103098R2600	20	15.00
		SSB20T	1SNA103099R2700	20	17.00
6 Short circuit plugs With test socket DIA 4 mm 0.157 in	Beige	BNSTP1	1SNA196792R1700	20	14.00
7 Terminal block markers	Black	PE	1SNA103007R2300	25	13.00
	White	RC1010	1SNA238000R1600	10	1.30