



Terminal Blocks entrelec® for Stationary Railway Applications, according to NF F 55251

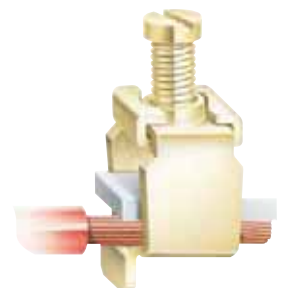
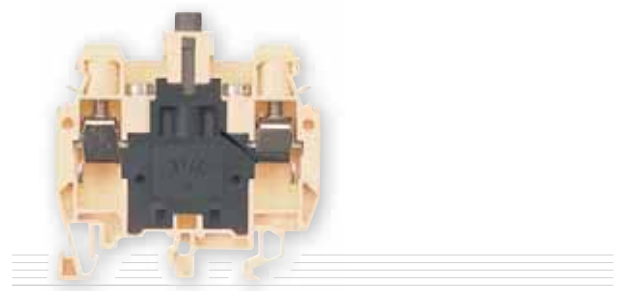
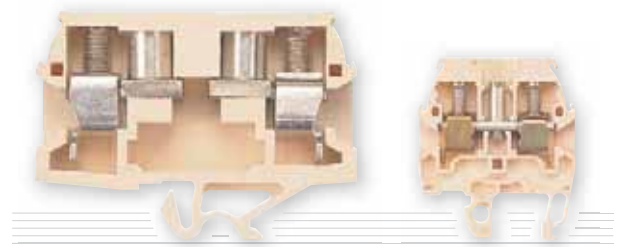
Screwed Terminal Blocks

A
6

Contents

Selection of product used in the French railway applications by SNCF and RATP.

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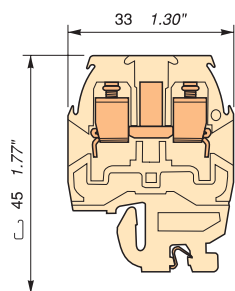
NF F 55251



Terminal blocks

Screw clamp DIN 1

E 4/6 - 6 mm² blocks - 6 mm .236" spacing




E 4/6

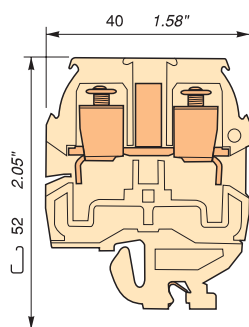
| Characteristics | | IEC NFC DIN | UL | CSA | NF F 55251 |
|------------------------------------|-----------------------|---------------------|----|---------------------|---------------------|
| Wire size mm ² / AWG | Solid | 4 mm ² | | 4 mm ² | 4 mm ² |
| | Stranded | 2.5 mm ² | | 2.5 mm ² | 2.5 mm ² |
| Voltage | V AC | 500 | | 300 | 500 |
| Voltage | V DC | 600 | | 300 | |
| Current | A | 27 | | 20 | 12 |
| Rated wire size | mm ² / AWG | 2.5 mm ² | | 2.5 mm ² | 2.5 mm ² |

Selection



| Description | Type | Order P/N | Packaging Weight kg |
|----------------|---|-------------------------|------------------------|
| Standard block | beige  E 4/6 | 1SNA 190 468 R0000 ER 6 | 7 963 1088 |

E 6/8 - 6 mm² blocks - 8 mm .315" spacing




E 6/8

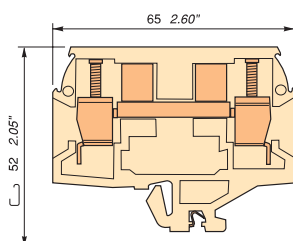
| Characteristics | | IEC NFC DIN | UL | CSA | NF F 55251 |
|------------------------------------|-----------------------|--------------------|----|-----|--------------------|
| Wire size mm ² / AWG | Solid | 10 mm ² | | | 10 mm ² |
| | Stranded | 6 mm ² | | | 6 mm ² |
| Voltage | V AC | 500 | | | 500 |
| Voltage | V DC | 600 | | | |
| Current | A | 47 | | | 20 |
| Rated wire size | mm ² / AWG | 6 mm ² | | | |

Selection



| Description | Type | Order P/N | Packaging Weight kg |
|----------------|---|-------------------------|------------------------|
| Standard block | beige  E 6/8 | 1SNA 190 607 R0400 ER 8 | 7 963 1114 |

E 10/16 - 10 mm² blocks - 16 mm .630" spacing




E 10/16


| Characteristics | | IEC NFC DIN | UL | CSA | NF F 55251 |
|------------------------------------|-----------------------|--------------------|----|-----|--------------------|
| Wire size mm ² / AWG | Solid | 16 mm ² | | | 16 mm ² |
| | Stranded | 10 mm ² | | | 10 mm ² |
| Voltage | V AC | 380 | | | 500 |
| Voltage | V DC | 440 | | | |
| Current | A | 16 | | | 30 |
| Rated wire size | mm ² / AWG | 10 mm ² | | | |

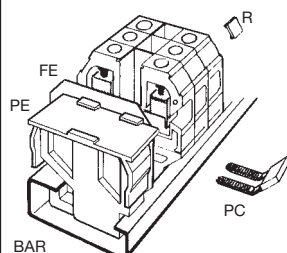
Selection



| Description | Type | Order P/N | Packaging Weight kg |
|----------------|---|--------------------------|------------------------|
| Standard block | beige  E 10/16 | 1SNA 191 302 R2700 ER 16 | 7 963 1110 |

Accessories

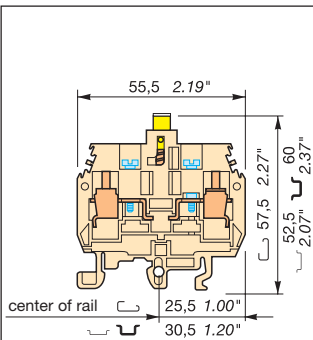
| | | | | |
|----------------|---|--------------|--------------------|------------|
| End stop |  DIN 1 | BAR | 1SNA 164 519 R2400 | 7 963 1090 |
| Marker holder | | PE | 1SNA 103 007 R2300 | 7 966 0875 |
| End section | for E 4/6 | FE | 1SNA 193 080 R1200 | 7 963 1089 |
| | for E 6/8 | FE | 1SNA 193 085 R0300 | 7 963 1116 |
| | for E 10/16 | FE | 1SNA 193 449 R2400 | 7 963 1111 |
| Jumper bar | for E 6/8 | PC 8/2 | 1SNA 116 538 R1700 | 7 963 1121 |
| | for E 10/16 | PC | 1SNA 168 497 R2300 | |
| Marking method | | RC610, RC810 | see marking | |



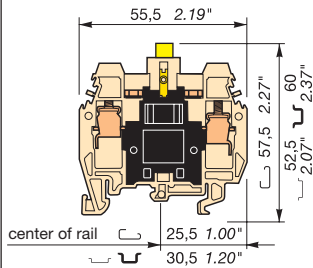
Switch terminal blocks

Screw clamp  DIN 1-3 and  DIN 1

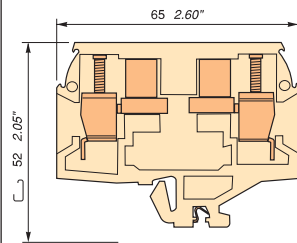
M 6/8.STP.TR - 6 mm² blocks - 8 mm .315" spacing



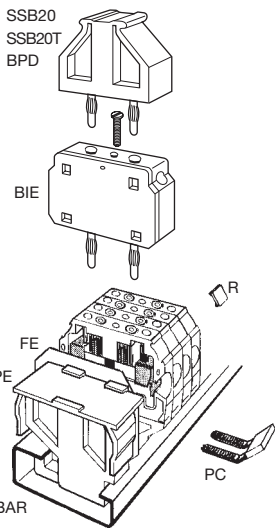
M 6/8.STP.TR



ES 8 CG




E 10/16 S



| Characteristics | | IEC NFC DIN | UL | CSA | NF F 55251 |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|
| Wire size mm ² / AWG | Solid | 10 mm ² | 10 mm ² | 10 mm ² | 10 mm ² |
| | Stranded | 6 mm ² | 6 mm ² | 6 mm ² | 6 mm ² |
| Voltage | V AC | 500 | 600 | 300 | 500 |
| Voltage | V DC | 600 | 600 | 300 | |
| Current | A | 15 | 40 | 15 | 12 |
| Rated wire size | mm ² / AWG | 6 mm ² | 8 AWG | 8 AWG | |

Selection





| Description | Type | Order P/N | Packaging | Weight kg |
|----------------|--|--------------------|-----------|--------------|
| Standard block | beige  M 6/8.STP.TR | 1SNA 195 212 R1000 | ES 8 | 7 963 1156 |

ES 8 CG - 6 mm² blocks - 8 mm .315" spacing

| Characteristics | | IEC NFC DIN | UL | CSA | NF F 55251 |
|------------------------------------|-----------------------|--------------------|--------------------|--------------------|--------------------|
| Wire size mm ² / AWG | Solid | 10 mm ² | 10 mm ² | 10 mm ² | 10 mm ² |
| | Stranded | 6 mm ² | 6 mm ² | 6 mm ² | 6 mm ² |
| Voltage | V AC | 500 | 600 | 300 | 500 |
| Voltage | V DC | 600 | 600 | 300 | |
| Current | A | 32 | | | |
| Rated wire size | mm ² / AWG | 6 mm ² | 8 AWG | 8 AWG | |

Selection




| Description | Type | Order P/N | Packaging | Weight kg |
|----------------------|---|--------------------|-----------|--------------|
| Standard block | | | | |
| Nickelled wire clamp | beige  ES 8 CG | 1SNA 400 015 R2000 | ES 8 CG | 7 963 1377 |
| Nickelled wire clamp | green  ES 8 CG | 1SNA 400 014 R2700 | ES 8 CG | 7 963 1383 |

E 10/16 S - 10 mm² blocks - 16 mm .630" spacing







| Characteristics | | IEC NFC DIN | UL | CSA | NF F 55251 |
|------------------------------------|-----------------------|--------------------|----|-----|--------------------|
| Wire size mm ² / AWG | Solid | 16 mm ² | | | 16 mm ² |
| | Stranded | 10 mm ² | | | 10 mm ² |
| Voltage | V AC | 380 | | | 500 |
| Voltage | V DC | 440 | | | |
| Current | A | 16 | | | 20 |
| Rated wire size | mm ² / AWG | 10mm ² | | | |

Selection

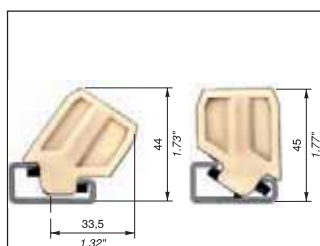


| Description | Type | Order P/N | Packaging | Weight kg |
|----------------|---|--------------------|-----------|--------------|
| Standard block | beige  E 10/16 S | 1SNA 191 296 R1100 | ES 16 | 7 963 1109 |

Accessories

| | | | | |
|---|--|--------------------------------------|--|--------------------------|
| End stop |  DIN 1 for M 6/8.STP.TR and ES 8 CG  DIN 3 | BAR BAM2 | 1SNA 164 519 R2400 1SNA 296 351 R0000 | 7 963 1090 |
| Marker holder | | PE | 1SNA 103 007 R2300 | 7 966 0875 |
| End section | for M 6/8.STP.TR and ES 8 CG for E 10/16 S | FE FE | 1SNA 193 137 R0300 1SNA 193 449 R2400 | 7 963 1157 7 963 1111 |
| Jumper bar | for M 6/8.STP.TR and ES 8 CG for E 10/16 S | PC 8/2 PC | 1SNA 116 538 R1700 1SNA 168 497 R2300 | 7 963 1120 7 963 1121 |
| Short circuiting-plug | beige  grey  red  grey  | BNSTP1 BNSTP1 BNSTP2 BNSTP2 | 1SNA 196 792 R1700 1SNA 196 793 R1000 1SNA 196 789 R2400 1SNA 196 790 R2100 | 7 960 1039 |
| Guide plug + mounting screw for E 10/16 S | | BIE | 1SNA 196 915 R0200 | |
| Jumper bar for E 10/16 S | | SSB20 SSB20T | 1SNA 103 098 R2600 1SNA 103 099 R2700 | 7 960 0428 7 960 0429 |
| Block for diode for E 10/16 S | | BPD | 1SNA 103 107 R2400 | 7 954 3426 |
| Marking method | | RC610, RC810 | see marking | |

Accessories

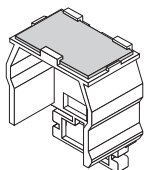


End stop BAR

Reversible end stop of polyamide with blocking bracket. To be mounted vertically or at 30° angle, on PR1 rail only. Thickness 10 mm.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|---|-----------|--------------------|------------|---------------------|
| Reversible end stop beige V0 <input type="checkbox"/> | BAR 10 mm | 1SNA 164 519 R2400 | 7 963 1090 | |

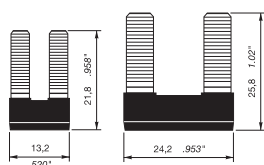


Marker holder PE

Black marker holder, with marker, to be mounted on PR1 rail only.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|---------------|------|--------------------|------------|---------------------|
| Marker holder | PE | 1SNA 103 007 R2300 | 7 966 0875 | |

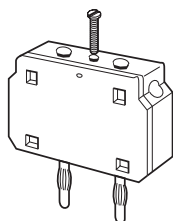


Comb-type jumper bar PC

Peigne de court-circuitage isolé, se met en place dans le serre-fil, au dessus du conducteur, créant le serrage de la vis.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|--------------------------------------|--------|--------------------|------------|---------------------|
| 2 poles jumper bar for ER8 and ES8 | PC 8/2 | 1SNA 116 538 R1700 | 7 963 1120 | |
| 2 poles jumper bar for ER16 and ES16 | PC | 1SNA 168 497 R2300 | 7 963 1121 | |

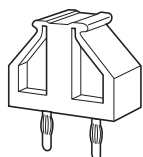


Bouchon intercalaire BIE

Bouchon intercalaire d'essai pour les blocs de jonction ES16.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|--|------|--------------------|------------|---------------------|
| Bouchon intercalaire beige V0 <input type="checkbox"/> | BIE | 1SNA 196 915 R0200 | 7 963 1334 | |



Barrette de signalisation SS...

Black short-circuiting plug for 16 mm spacing terminal blocks.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|---|--------|--------------------|------------|---------------------|
| Barrette de signalisation black <input checked="" type="checkbox"/> | SSB20 | 1SNA 103 098 R2600 | 7 960 0428 | |
| Barrette de signalisation test socket black <input checked="" type="checkbox"/> | SSB20T | 1SNA 103 099 R2700 | 7 960 0429 | |



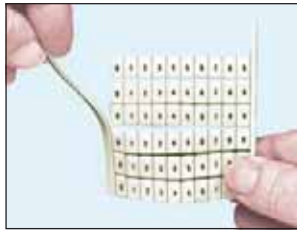
Short-circuiting plug BNSTP

Short-circuiting plug for 8 and 16 mm spacing terminal blocks.

Selection

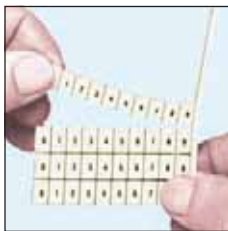
| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|---|--------|--------------------|------------|---------------------|
| Shunt red V0 red <input checked="" type="checkbox"/> | BNSTP2 | 1SNA 196 789 R2400 | | |
| Shunt grey V0 grey <input type="checkbox"/> | BNSTP2 | 1SNA 196 790 R2100 | | |
| Shunt with test socket dia. 4 mm beige <input type="checkbox"/> | BNSTP1 | 1SNA 196 792 R1700 | 7 960 7039 | |
| Shunt with test socket dia. 4 mm grey <input type="checkbox"/> | BNSTP1 | 1SNA 196 793 R1000 | | |

Marking



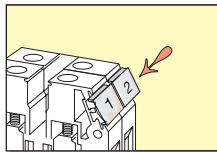
1

Remove one of the side bands of the card.

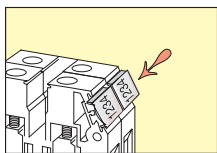


2

Separate the chosen strip from the rest of the card.



Horizontal marking



Vertical marking

RC 610

These markers are supplied in cards of 10 strips of 10 markers, i.e. 100 markers per card.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|---|--------|--------------------|------------|------------------------|
| Repère marqué horizontalement pour bloc de jonction ER6 | | | | |
| 5 x 1 to 12 | 1 card | 1SNA 103 707 R0500 | 7 963 1250 | |

RC 810

These markers are supplied in cards of 10 strips of 10 markers, i.e. 100 markers per card.

Selection

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|--|---------|-----------|--------------------|------------------------|
| Horizontal marking for ER8 / ES8 terminal blocks | | | | |
| 10 x 0 to 12 | 2 cards | KRC 810 | 1SNA 168 791 R0100 | |
| 3 x 1 to 30 | 1 card | KRC 810 | 1SNA 168 784 R0200 | 7 963 1123 |
| 3 x 1 to 60 | 2 cards | KRC 810 | 1SNA 168 785 R0300 | 7 963 1124 |
| 3 x 1 to 120 | 4 cards | KRC 810 | 1SNA 168 786 R0400 | 7 963 1125 |
| | | | 1SNA 168 787 R0500 | 7 963 1126 |
| Horizontal marking for ER16 / ES16 terminal blocks | | | | |
| 5 x 1 to 10 | 1 card | KRC 810 | 1SNA 176 010 R2100 | 7 963 1282 |
| 5 x 1 to 20 | 2 cards | KRC 810 | 1SNA 176 011 R1600 | 7 963 1283 |
| 5 x 1 to 90 | 9 cards | KRC 810 | 1SNA 174 294 R2500 | 7 963 1172 |
| 5 x 1 to 60 | 6 cards | KRC 810 | 1SNA 174 293 R2400 | 7 963 1173 |
| Vertical marking for ER8 / ES8 terminal blocks | | | | |
| 5 x 1 to 12 | 1 card | KRC 810 | 1SNA 178 732 R0700 | 7 963 1327 |
| 3 x 1 to 120 | 4 cards | KRC 810 | 1SNA 178 739 R1600 | 7 963 1328 |
| 3 x 1 to 60 | 2 cards | KRC 810 | 1SNA 178 737 R0400 | 7 963 1329 |
| 3 x 1 to 30 | 1 card | KRC 810 | 1SNA 178 738 R1500 | 7 963 1330 |

Strip markers

This marker is supplied in card of 10 strips

| Description | Type | Order P/N | Sy SNCF | Packaging Weight kg |
|-------------------------------|--------|-----------|--------------------|------------------------|
| For ER16/ES16 Terminal blocks | | | | |
| Blank markers | 1 card | KRTM16 | 1SNA 168 791 R0100 | 7 963 1127 |