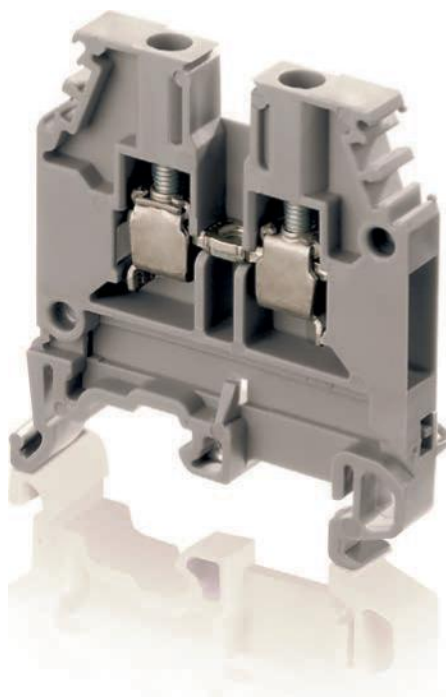
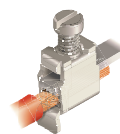


Main catalog

SNA series Terminal blocks

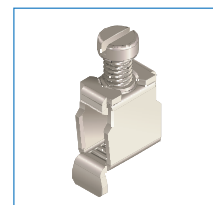
SNA series, terminal blocks

Screw clamp technology



Rely on our expertise

ABB screw clamp technology benefits from 50 years of experience. Billions of our screw clamps have been manufactured and are used worldwide every day in all kinds of applications.



Qualified for worldwide markets and applications
Eco-designed according to international environmental standards in sustainable development.



The proven reliability to support your daily connection challenges

Manufactured since decades

Robust design & high quality standards (UL94-V0, RoHS). Many functions available for a very **wide scope** of industrial applications.

Facilitate your rail assembly process

10 pre-assembled blocks for **quick plug-in mounting**. Asymmetrical shape: easy to handle, **prevents risk of short-circuit**.

Conductor insertion is very easy: the conductor entry is **angled to guide the conductor** into the clamp.

A flap under the clamp avoids conductor to be pushed underneath the clamp.

Universal: **mounting on TH 35 and G rails**.

Quick and efficient marking solutions

Markers come by strips of 10.

Central and lateral marking allow a clear visualisation from any angle.



10 pre-assembled blocks



Quick labelling thanks to strips



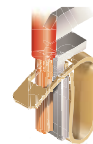
100% safe-visible backwards mounting



Multi rail mounting

SNA series, terminal blocks

Spring clamp technology



1



ABB has been manufacturing spring clamp terminal blocks since more than 15 years and owns several patents. Our clamp designs benefit from our strong expertise in finite element simulations as well as in-situ testing capabilities.



Qualified for worldwide markets and applications
Eco-designed according to international environmental standards in sustainable development.



The ergonomic front entry connection

Functionality through ergonomic design

Alignment of terminal blocks, markers and jumpers.

Double jumpering system on the whole range.

High quality standards (UL94-V0, RoHS..).

Many functions available for a very **wide scope** of industrial applications.

Facilitate your rail assembly process

10 pre-assembled blocks for **quick plug-in mounting**.

Wire insertion is very easy:

- Front entry connection facilitates wire insertion
- Hands free! **Screwdriver is locked in the clamp** during connection process.

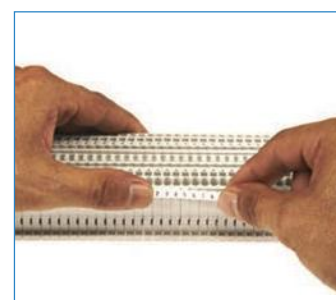
Quick and efficient marking solutions

Markers come by strips of 10.

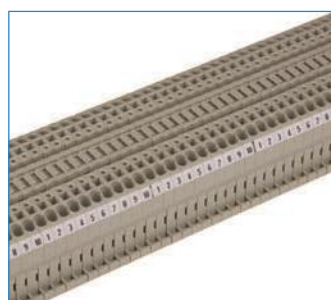
Central and lateral marking allow a clear visualisation from any angle.



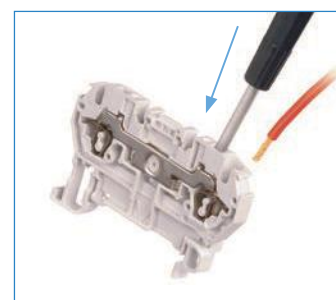
10 pre-assembled blocks



Quick labelling thanks to strips



Alignment



Screwdriver locking

1SNC1621150201

SNA series, terminal blocks

Stud technology



1

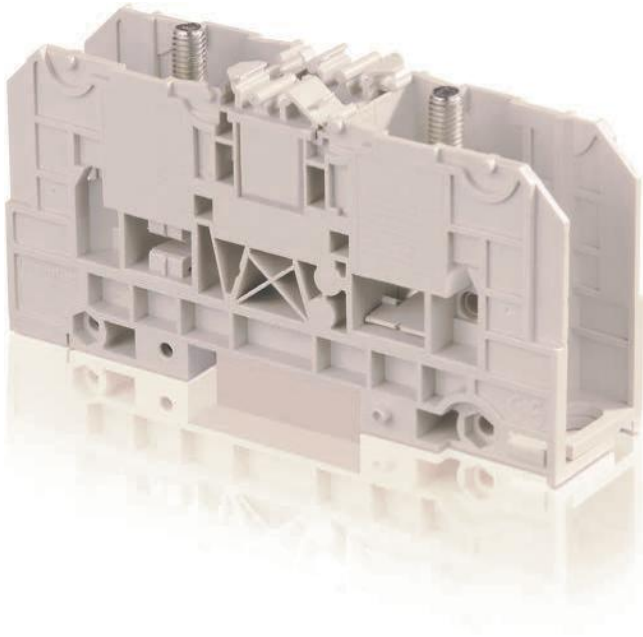


ABB proposes a large scope of power terminal blocks dedicated to the connection and distribution of power into electrical installations. Power terminals blocks features standard stud-stud connections as well as hybrid terminals (stud-screw clamp).



Qualified for worldwide markets and applications
Eco-designed according to international environmental standards in sustainable development.



The power distribution terminal blocks

Functionality through ergonomic design

Removable protective covers are designed to increase the **safety of cabinets**, ease the wiring process thanks to its rotative feature.

A **central movable protection** gives access to the jumpering location, and ensures the IP20 isolation. High quality standards (UL94-V0, RoHS...).

Facilitate your rail assembly process

Various mounting options:

- **Plate mounting** thanks to 2 holes
- **Rail mounting** with bistable foot.

Terminal blocks can be **tight together** thanks to the usage of a threaded stud and nuts.

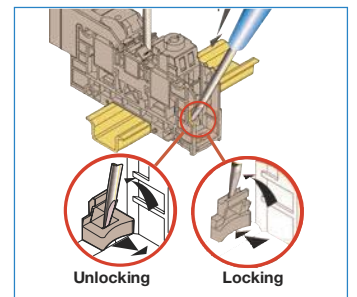
Pins allow terminal blocks to be **snapped together** for better stability during the tightening process.

Efficient marking

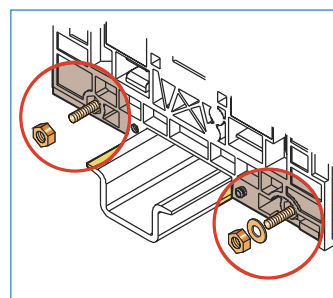
Many marking options: on the center or on the covers with standard markers or adhesive labels.



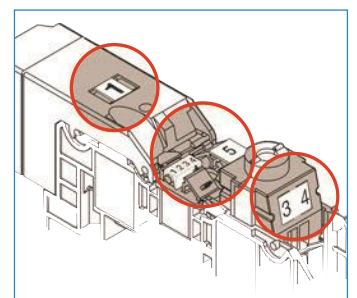
Rotating protective covers



Bistable mounting foot



Assembly with stud & snap on pins



Marking options

1SNC16500150201

SNA series, terminal blocks

Screw clamp technology

2



Feed-through

Screw rail connection

Screwless rail connection

Double deck

Section	Feed-through		Ground			Double deck	
	IEC	UL/CSA	Symbol	IEC	UL/CSA	IEC	UL/CSA
2.5 mm ²	12 AWG	MA2.5/5	5 mm 0.197 in	MA2.5/5.P	5 mm 0.197 in	D2.5/5.P	5 mm 0.197 in
4 mm ²	10-12 AWG	M4/6	6 mm 0.236 in	M4/6.P	6 mm 0.236 in	D4/6.P	6 mm 0.236 in
6 mm ²	8 AWG	M6/8	8 mm 0.315 in	M6/8.P	8 mm 0.315 in	D6/8.P	8 mm 0.315 in
10 mm ²	6-10 AWG	M10/10	10 mm 0.394 in	M10/10.P	10 mm 0.394 in		
16 mm ²	4-6 AWG	M16/12	12 mm 0.472 in	M16/12.P	12 mm 0.472 in		
35 mm ²	0-2 AWG	M35/16	16 mm 0.630 in	M35/16.P	16 mm 0.630 in		
70 mm ²	00 AWG	D70/22	22 mm 0.866 in	D70/22.P	22 mm 0.866 in		
95 mm ²	0000 AWG	D95/26	26 mm 1.024 in	D95/26.P	26 mm 1.024 in		
150 mm ²		D150/31.D10	31 mm 1.220 in				
240 mm ²		D240/36.D10	36 mm 1.417 in				



Disconnect with blade

Disconnect with plug

Section	Disconnect with blade		Disconnect with plug				
	IEC	UL/CSA	IEC	UL/CSA			
2.5 mm ²	12 AWG	MA2.5/5.SNB..	5 mm 0.197 in	M4/6.D2.SNBT	6 mm 0.236 in	M4/6.SB	6 mm 0.236 in
4 mm ²	10-12 AWG	M4/6.SNB..	6 mm 0.236 in	M6/8.SB	8 mm 0.315 in	M4/6.D2.SB	6 mm 0.236 in
6 mm ²	8 AWG	M6/8.SNB	8 mm 0.315 in				

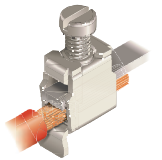


For 5 x 20 mm and 5 x 25 mm fuses (0.197" x 0.787" and 0.197" x 0.984")

Section	Fuse holder		Blown-fuse indicator		Ground connection		
	IEC	UL/CSA	IEC	UL/CSA	IEC	UL/CSA	
4 mm ²	10-12 AWG	M4/8.SF	8 mm 0.315 in	M4/8.SN	8 mm 0.315 in	M4/8	8 mm 0.315 in
10 mm ²	10 AWG						

Terminal -
 Hole for testing or jumpering -
 Testing point -
 Fuse holder -
 Blown-fuse indicator -
 Ground connection, linked to the DIN rail
 Interconnection between decks -
 Disconnect function -
 Quarter turn disconnect function -
 Sliding link disconnect function

1SNC161115S0201



Double deck + ground

Triple deck

Triple deck + ground



D2.5/6.DP	<i>5 mm 0.197 in</i>	D2.5/6.DA	<i>5 mm 0.197 in</i>	D4/6.T3.P	<i>6 mm 0.236 in</i>	D4/6.P.T1	<i>6 mm 0.236 in</i>



Disconnect with push-turn knob

Test disconnect



M6/8.STP	<i>8 mm 0.315 in</i>	M6/8.STP3	<i>8 mm 0.315 in</i>	M6/8.ST	<i>8 mm 0.315 in</i>	M6/8.ST7	<i>8 mm 0.315 in</i>
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Double deck - For 5 x 20 mm and 5 x 25 mm fuses
(0.197" x 0.787" and 0.197" x 0.984")

For 6.3 x 25 and 6.3 x 32 mm fuses (1/4" x 1" and 1/4" x 1 1/4")

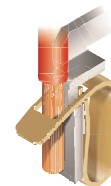


M4/8.D2.SF	<i>8 mm 0.315 in</i>	D4/8.D2.P.SF	<i>8 mm 0.315 in</i>	ML10/13.SF	<i>13 mm 0.512 in</i>	ML10/13.SN	<i>13 mm 0.512 in</i>
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All the technical data for UL/CSA standard and dimensions in inches are in italic.

SNA series, terminal blocks

Spring clamp technology



3



Feed-through

Section



IEC	UL/CSA								
2.5 mm ²	12 AWG	D2.5/5.2L	5 mm 0.197 in	D2.5/5.3L	5 mm 0.197 in	D2.5/5.4L	5 mm 0.197 in	D2.5/5.1.3L	5 mm 0.197 in
4 mm ²	10 AWG	D4/6.2L	6 mm 0.236 in	D4/6.3L	6 mm 0.236 in	D4/6.4L	6 mm 0.236 in		
6 mm ²	8 AWG	D6/8.2L	8 mm 0.315 in	D6/8.3L	8 mm 0.315 in				
10 mm ²	6 AWG	D10/10.1.2L	10 mm 0.394 in	D10/10.3L	10 mm 0.394 in				
16 mm ²	6 AWG	D16/12.2L	12 mm 0.472 in	D16/12.3L	12 mm 0.472 in				
35 mm ²	2 AWG	D35/16.2L	16 mm 0.630 in						



Ground

Section



IEC	UL/CSA								
2.5 mm ²	12 AWG	D2.5/5.P.2L	5 mm 0.197 in	D2.5/5.P.3L	5 mm 0.197 in	D2.5/5.P.4L	5 mm 0.197 in	D2.5/5.I.P.3L	5 mm 0.197 in
4 mm ²	10 AWG	D4/6.P.2L	6 mm 0.236 in	D4/6.P.3L	6 mm 0.236 in	D4/6.P.4L	6 mm 0.236 in		
6 mm ²	8 AWG	D6/8.P.2L	8 mm 0.315 in	D6/8.P.3L	8 mm 0.315 in				
10 mm ²	6 AWG	D10/10.1.P.2L	10 mm 0.394 in	D10/10.P.3L	10 mm 0.394 in				
16 mm ²	6 AWG	D16/12.P.2L	12 mm 0.472 in	D16/12.P.3L	12 mm 0.472 in				
35 mm ²	2 AWG	D35/16.P.2L	16 mm 0.630 in						



Double deck

Triple deck

Triple deck + ground

Disconnect

For 5 x 20 and 5 x 25 mm fuses
(0.197" x 0.787" and 0.197" x 0.984")

Section



IEC	UL/CSA								
2.5 mm ²	12 AWG	D2.5/5.D.2L	5 mm 0.197 in	D2.5/5.T.L	5 mm 0.197 in	D2.5/5.T3.PL	5 mm 0.197 in	D2.5/5.T1.PL	5 mm 0.197 in
								D2.5/5.SNBT...	5 mm 0.197 in
								D2.5/8.SF.2L	5 mm 0.197 in
								D2.5/8.SNT.2L	5 mm 0.197 in

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

Terminal -
 Hole for testing or jumpering -
 Testing point -
 Fuse holder -
 Blown-fuse indicator -
 Ground connection, linked to the DIN rail

Interconnection between decks -
 Disconnect function

SNA series, terminal blocks

Stud technology



Feed-through

Section		○—v—○		○—v—○	
IEC	UL/CSA				
35 mm ²	1 AWG	D35/27.FF	27 mm 1.063 in	D35/27.AF	27 mm 1.063 in
70 mm ²	000 AWG	D70/32.FF	32 mm 1.260 in	D70/32.AF	32 mm 1.260 in
120 mm ²	300 Kcmil	D120/42.FF	42 mm 1.654 in	D120/42.AF	42 mm 1.654 in
185 mm ²	500 Kcmil	D185/55.FF	55 mm 2.165 in	D185/55.AF	55 mm 2.165 in
300 mm ²	1000 Kcmil	D300/55.FF	55 mm 2.165 in		

○ Terminal - v Hole for testing or jumpering