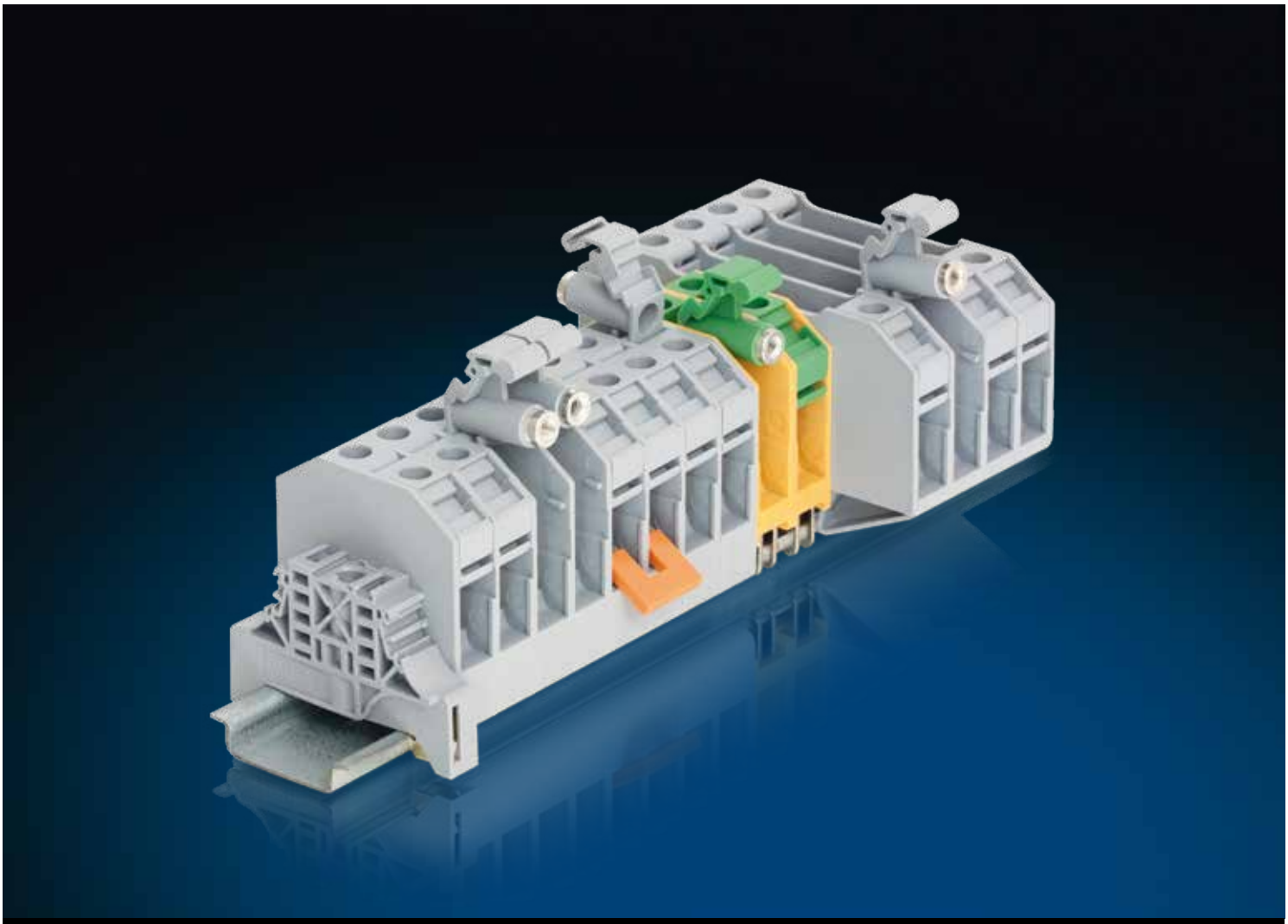


Brochure

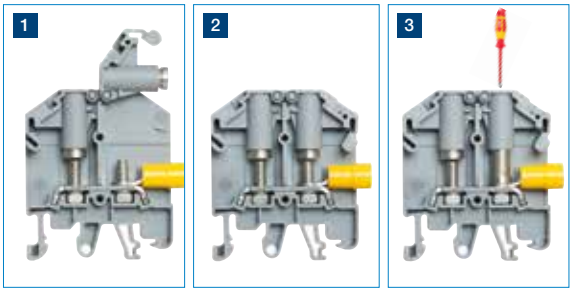
Solution series
RGW ring lug terminal blocks

Power and productivity
for a better world™

Solution series
RGW ring lug terminal blocks

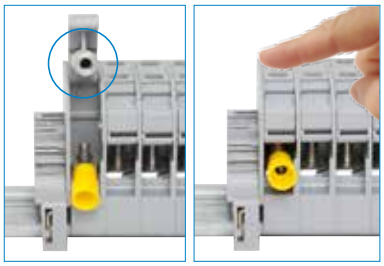
Fast
ring lug connection
45% faster connection time

- 45% faster than open style terminal blocks
- Captive and ready to tighten nuts (no need to remove the nuts for the first use)
- Easy 3 steps wiring: hook the wire on the stud, close the safety wing and screw down the nut.



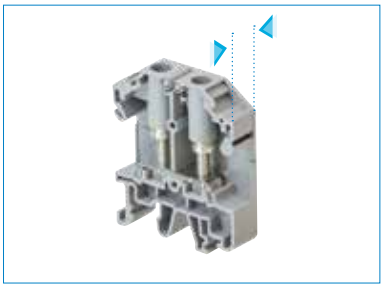
Secured
wiring
100% captive wire connection

- Optimal combination of ring lug terminals on a stud, safety wings and captive nuts
- Self-locking wings to prevent sudden opening
- "Click" confirmation of the wing locking
- Touch proof design thanks to the safety wings.



Convenient
installation
15% more compact

- Save space on Din Rail, compared to equivalent open style stud terminal blocks: gain 1 block every 6 blocks
- Connect up to 4 wires per blocks
- Adapt to all symmetrical and asymmetrical rails through the universal mounting foot



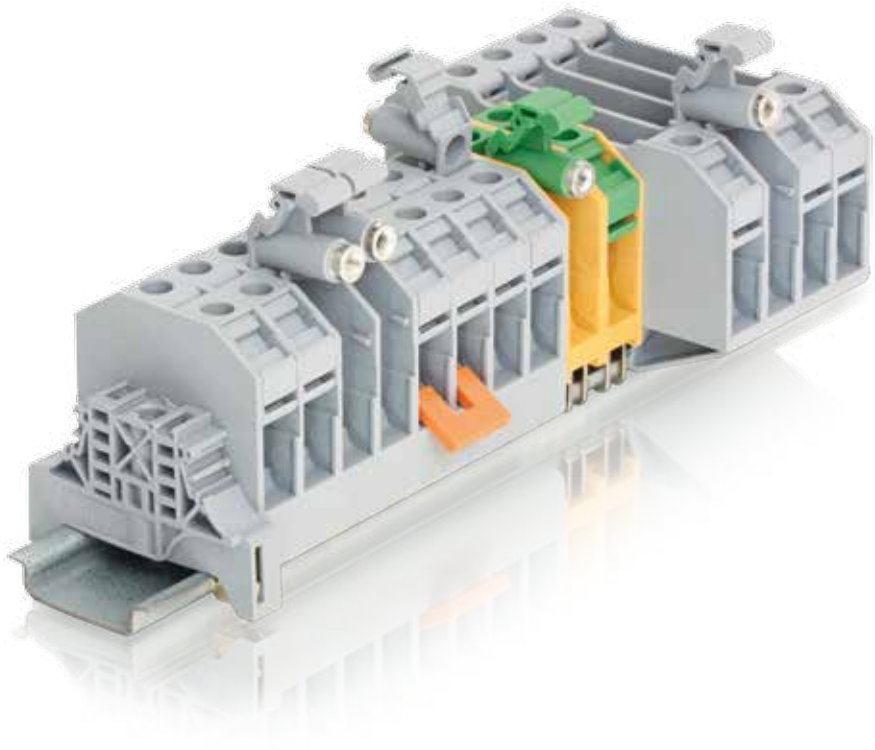
1SNC160031C0201_ RGW Ring lug terminal blocks

Fast and secured wiring for ring lugs

ABB stud connection RGW terminal blocks offer a combination of fast and secured wiring.
Thanks to its exceptional design, the nuts are captive and provide a convenient wiring of ring lugs.

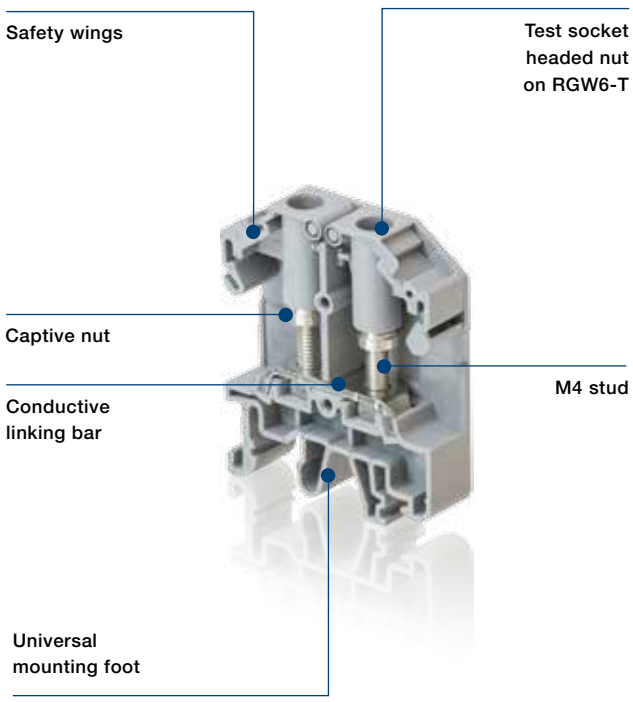
Worldwide application

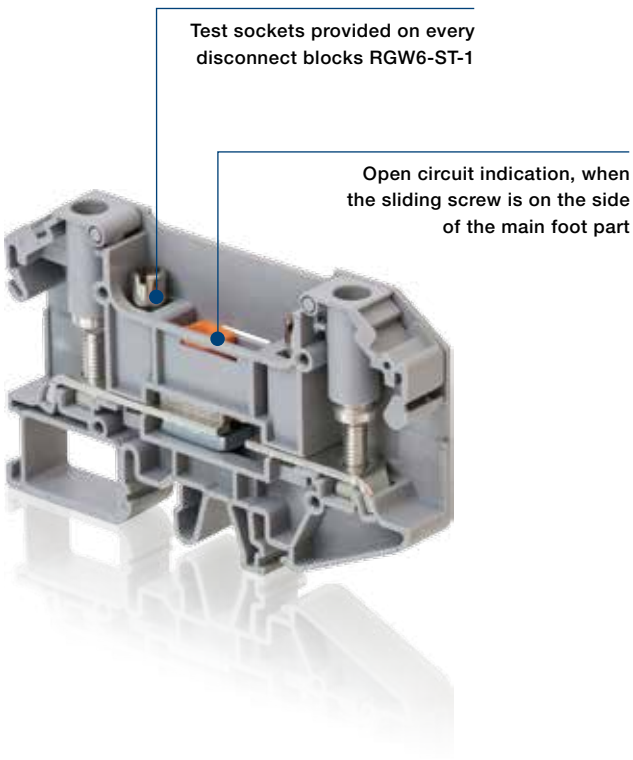
RoHS



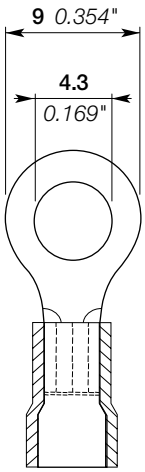
Solution series
RGW ring lug terminal blocks

Features





Ring lugs compatibility



In accordance with DIN 46234 and DIN 46237, RGW terminal blocks allow the connection of ring terminals for wires up to 6 mm² *10 AWG* and for screw M4.

Find all the ring terminals compatible in ABB Thomas & Betts offering.

1SNC160031C0201_ RGW Ring lug terminal blocks

Overview
Ring lug terminal blocks

Feed-through

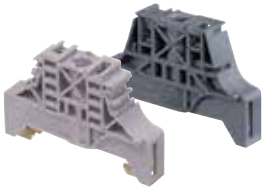
Feed-through with test sockets

Test disconnect with sliding link

Ground

Section					
IEC	*UL/CSA*				
6 mm²	***10 AWG***	**RGW6** 11 mm *0.433 in*	**RGW6-T** 11 mm *0.433 in*	**RGW6-ST- 1** 11 mm *0.433 in*	**RGW6-PE** 12 mm *0.472 in*

Accessories



End stops

Jumper bars
from 2 to 7 poles

End sections

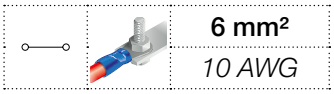
Test sockets

Markers and marking systems

Markers			Marking systems			Support plates		
	Type	Order code		Type	Order code		Type	Order code
	M-W810PC	1SNA235510R0800		KIT MAO AMS 500 AMS 250 BASIC KIT	1SNA360000R2400 1SNA360000R2500		SPRC 26	1SNA360036R0300
	MG-CPM-01 41090	1SNB041090R0510		MG3 KIT	1SNB419001R0000		MG2-QTB 991011	1SNB991011R0000

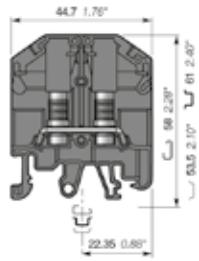
1SNC160031C0201_ RGW Ring lug terminal blocks

RGW6 ring lug terminal blocks
Feed-through - 11 mm *0.433 in* spacing




1SNC168039F0014

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
- Connect up to 4 wires per block.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through	With 2 studs M4 and captive nuts in wings	Grey	RGW6	1SNA510004R0000		40	19.53

Main technical data

		IEC		UL	CSA
Lugs	Rigid - Solid / Stranded	0.5-6 mm²		*22-10 AWG*	*22-10 AWG*
	Flexible	0.5-6 mm²			
	Gauge				
Rated current		41 A		*30 A*	*30 A*
Rated cross section		6 mm²		*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*	

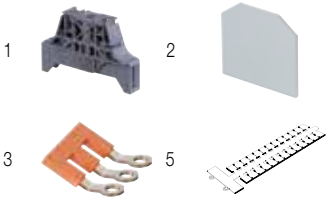
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		0.8 - 1.2 N.m *7.1 - 8.85 N.m*
Wire stripping length		10 mm *0.394 in*
Max width of lug		9 mm *0.354 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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.ABB.com

CE RoHS USR CNR CSA

Accessories



	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey	BAM2	1SNA206351R1600		50	12.00
					Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.4 mm	*0.055 in*		Grey	E-RGW6	1SNA519004R0000		50	2.60
3	**Jumper bars**	2 poles	41 A	30 A	Orange	PC-RG6-2	1SNA519104R0200		25	3.44
		3 poles	41 A	30 A		PC-RG6-3	1SNA519104R0300		20	5.40
		4 poles	41 A	30 A		PC-RG6-4	1SNA519104R0400		15	7.33
		7 poles	41 A	30 A		PC-RG6-7	1SNA519104R0700		5	13.2
4	**Terminal block markers**	Blank markers			White	M-W810PC	1SNA235510R0800		260	0.27
						MG-CPM-01 41090	1SNB041090R0510		1960	0.20

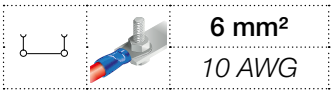
Ground Ring lug terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	With 2 studs M4 and captive nuts in wings	Green-yellow	RGW6-PE	1SNA511004R0500		40	31.90

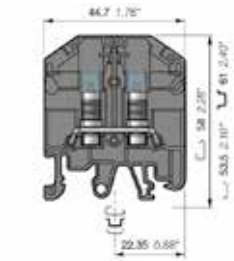
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC168016S0201 - Rev. A

RGW6-T ring lug terminal blocks
Feed-through with test sockets - 11 mm *0.433 in* spacing



RGW6-T



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
- Ease your test operations with the 2 built-in nuts with test sockets compatible with DIA 4 mm *0.157 in*
- Universal mounting on symmetrical and asymmetrical rails
- Connect up to 4 wires per block.

Ordering details

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Feed-through with test sockets	With 2 studs M4 and captive nuts in wings	Grey	RGW6-T	1SNA510104R0000		40	20.35

Main technical data

		IEC		UL	CSA
Lugs	Rigid - Solid / Stranded	0.5-6 mm²		*22-10 AWG*	*22-10 AWG*
	Flexible	0.5-6 mm²			
	Gauge				
Rated current		41 A		*30 A*	*30 A*
Rated cross section		6 mm²		*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*	

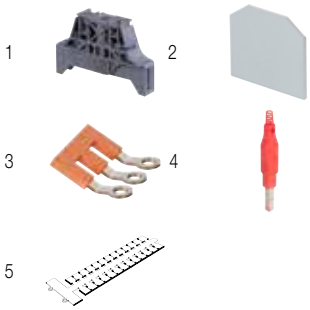
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		0.8 - 1.2 N.m *7.1 - 8.85 N.m*
Wire stripping length		10 mm *0.394 in*
Max width of lug		9 mm *0.354 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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.ABB.com

CE RoHS USR CNR CSA

Accessories



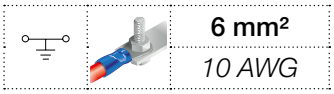
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey	BAM2	1SNA206351R1600		50	12.00
					Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.4 mm	*0.055 in*		Grey	E-RGW6	1SNA519004R0000		50	2.60
3	**Jumper bars**	2 poles	41 A	30 A	Orange	PC-RG6-2	1SNA519104R0200		25	3.44
		3 poles	41 A	30 A		PC-RG6-3	1SNA519104R0300		20	5.40
		4 poles	41 A	30 A		PC-RG6-4	1SNA519104R0400		15	7.33
		7 poles	41 A	30 A		PC-RG6-7	1SNA519104R0700		5	13.2
4	**Test sockets**	DIA 4 mm	*0.157 in*	IP20	Red	FC4-1-RD	1SNA167927R1000		10	0.11
5	**Terminal block markers**	Blank markers			White	M-W810PC	1SNA235510R0800		260	0.27
						MG-CPM-01 41090	1SNB041090R0510		1960	0.20

Ground Ring lug terminal blocks

Description		Color	Type	Order code		Pkg pce	Weight (1 pce) g
Ground	With 2 studs M4 and captive nuts in wings	Green-yellow	RGW6-PE	1SNA511004R0500		40	31.90

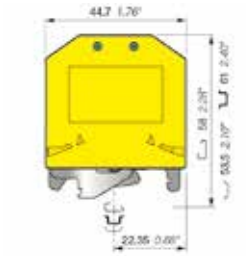
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

RGW6-PE ring lug terminal blocks
Ground - 12 mm *0.472 in* spacing




1SNC168039F0014

RGW6-PE



12 mm *0.472 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	Order code		Pkg pce	Weight (1 pce) g
Ground	With 2 studs M4 and captive nuts in wings	Green-yellow	RGW6-PE	1SNA511004R0500		40	31.9

Main technical data

		IEC		UL	CSA
Lugs	Rigid - Solid / Stranded	0.5-6 mm²		*22-10 AWG*	*22-10 AWG*
	Flexible	0.5-6 mm²			
	Gauge				
Rated cross section		6 mm²		*10 AWG*	*10 AWG*
Rated short-time withstand current (1s)		720 A			
Protection		IP10		*NEMA 1*	

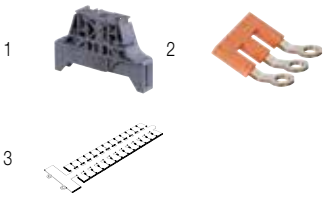
Mounting instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs Tool		Flat screwdriver Ø 5.5 mm *Ø 0.217 in*
Torque		0.8 - 1.2 N.m *7.1 - 8.85 lb.in*
Rail connection screw Tool		Flat screwdriver Ø 4 mm *Ø 0.157 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 lb.in*
Wire stripping length		10 mm *0.394 in*
Max width of lug		9 mm *0.354 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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.ABB.com

CE RoHS USR CNR CSA

Accessories

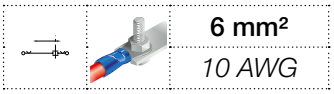


	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey	BAM2	1SNA206351R1600		50	12.00
					Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**Jumper bars**	2 poles	41 A	30 A	Orange	PC-RG6-2	1SNA519104R0200		25	3.44
		3 poles	41 A	30 A		PC-RG6-3	1SNA519104R0300		20	5.40
		4 poles	41 A	30 A		PC-RG6-4	1SNA519104R0400		15	7.33
		7 poles	41 A	30 A		PC-RG6-7	1SNA519104R0700		5	13.2
3	**Terminal block markers**	Blank markers			White	M-W810PC	1SNA235510R0800		260	0.27
						MG-CPM-01 41090	1SNB041090R0510		1960	0.20

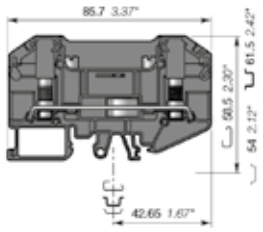
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

1SNC168017S0201 - Rev. A

RGW6-ST-1 ring lug terminal blocks
Test disconnect with sliding link - 11 mm *0.433 in* spacing



RGW6-ST-1



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
- Secure your disconnect operations with the disconnect sliding link operated with a standard screwdriver
- Ease your test operations with the 2 independent built-in test sockets compatible with DIA 4 mm *0.157 in* test plugs
- Universal mounting on symmetrical and asymmetrical rails.

Ordering Details

Description		Color	Type	Order Code		Pkg pce	Weight (1 pce) g
Test disconnect with a screw-driver sliding link	With 2 studs M4 and captive nuts in wings	Grey	RGW6-ST-1	1SNA512104R0000		25	33.69

Main Technical Data

		IEC		UL	CSA
Lugs	Rigid - Solid / Stranded	0.5-6 mm²		*22-10 AWG*	*22-10 AWG*
	Flexible	0.5-6 mm²			
	Gauge				
Rated current		41 A		*30 A*	*30 A*
Rated cross section		6 mm²		*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*	

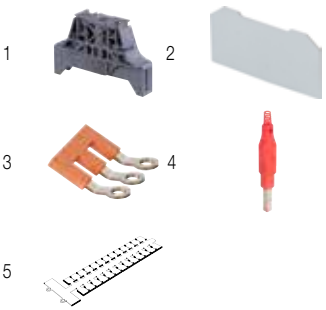
Mounting Instructions

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Flat screwdriver
Tool		Ø 5.5 mm *Ø 0.217 in*
Torque		0.8 - 1.2 N.m *7.1 - 8.85 N.m*
Disconnect device		Flat Screwdriver
Tool		Ø 5.5 mm *Ø 0.217 in*
Torque		0.5 - 0.8 N.m *4.4 - 7.1 N.m*
Wire stripping length		10 mm *0.394 in*
Max width of lug		9 mm *0.354 in*

The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.
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.ABB.com

CE RoHS USR CNR CSA

Accessories



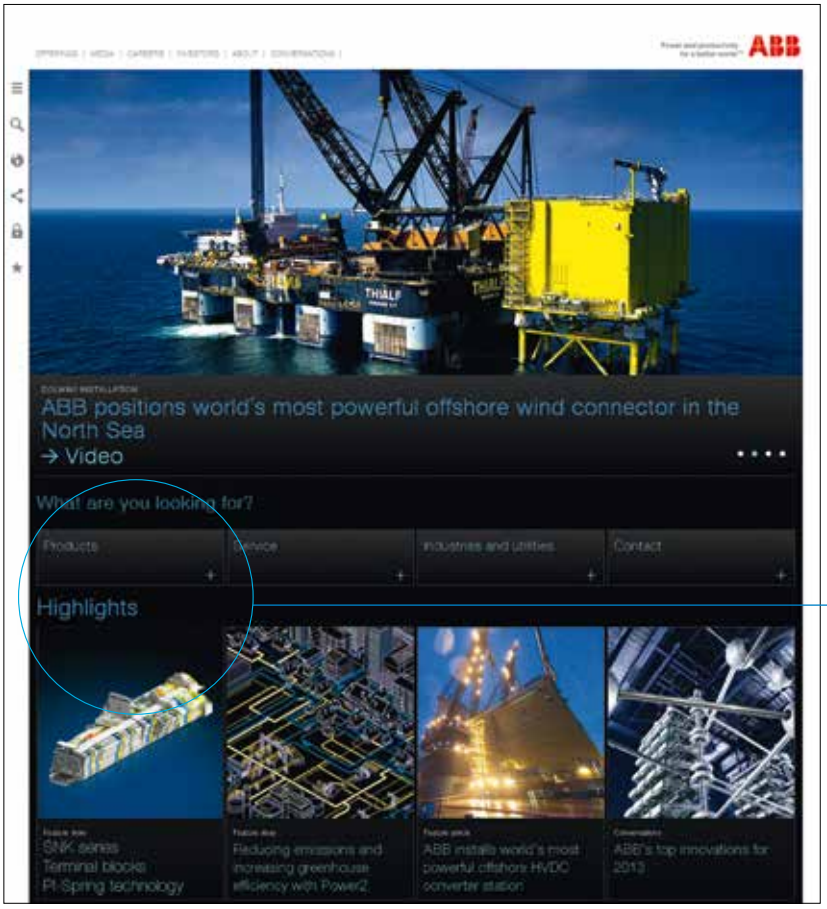
	Description				Color	Type	Order code		Pkg pce	Weight (1 pce) g
1	**End stops**	10 mm	*0.394 in*		Grey	BAM2	1SNA206351R1600		50	12.00
					Dark grey	BAM3	1SNK900001R0000		50	13.80
2	**End sections**	1.4 mm	*0.055 in*		Grey	E-RGW6-ST	1SNA519004R0100		25	5.17
3	**Jumper bars**	2 poles	41 A	30 A	Orange	PC-RG6-2	1SNA519104R0200		25	3.44
		3 poles	41 A	30 A		PC-RG6-3	1SNA519104R0300		20	5.40
		4 poles	41 A	30 A		PC-RG6-4	1SNA519104R0400		15	7.33
		7 poles	41 A	30 A		PC-RG6-7	1SNA519104R0700		5	13.2
4	**Test sockets**	DIA 4 mm	*0.157 in*	IP20	Red	FC4-1-RD	1SNA167927R1000		10	0.11
5	**Terminal block markers**	Blank markers			White	M-W810PC	1SNA235510R0800		260	0.27
						MG-CPM-01 41090	1SNB041090R0510		1960	0.20

All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

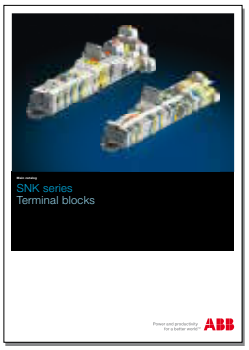
SNK series, terminal blocks
Marketing material

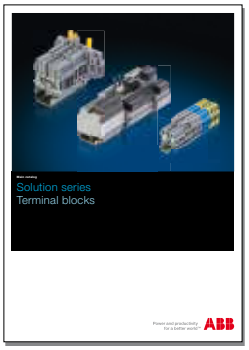
www.abb.com/connecttocontrol
www.abb.com

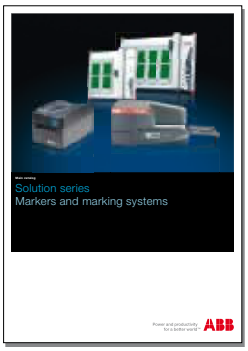
Products → Low Voltage Products and Systems → Connection Devices



Catalogs







Tools

For product detailed information,
use product type or order code, ex:
www.abb.com/productdetails/ZS4 or
www.abb.com/productdetails/1SNK505010R0000

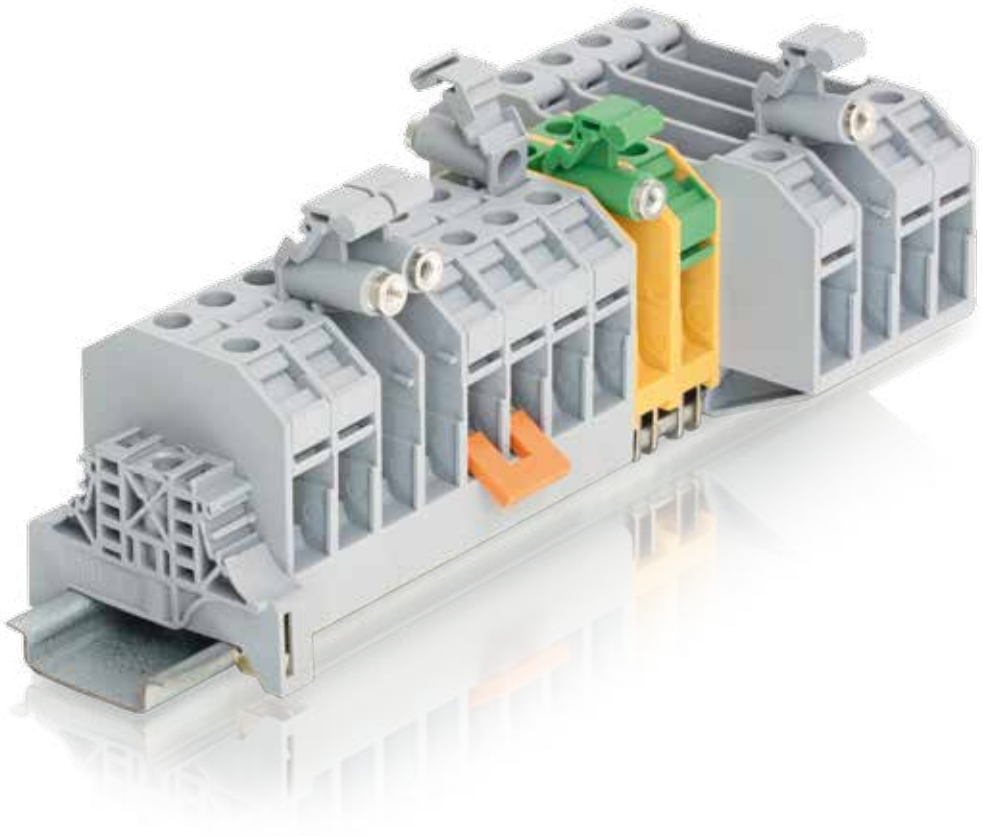
Cadenas portal: Download 2D or 3D files according to your needs (STEP, IGES...)

New

SNK series terminal blocks
in your pocket

The ABB website compatible with Smart-phones and tablets gives you all the information you need.

Always updated
Always available
Stay connected!



Contact us

ABB France
Low Voltage Products Division
3, rue Jean Perrin
F-69687 Chassieu cedex / France

You can find the address of your local sales organisation on the ABB home page

www.abb.com/connecttocontrol

www.abb.com/lowvoltage

Note
We reserve the right to make technical changes or modify the contents of this document without prior notice.
ABB does not accept any responsibility whatsoever for potential errors or possible lack of information in this document.

1SNC160031C0201 - Printed in France (06.2014 PDF)

Power and productivity
for a better world™