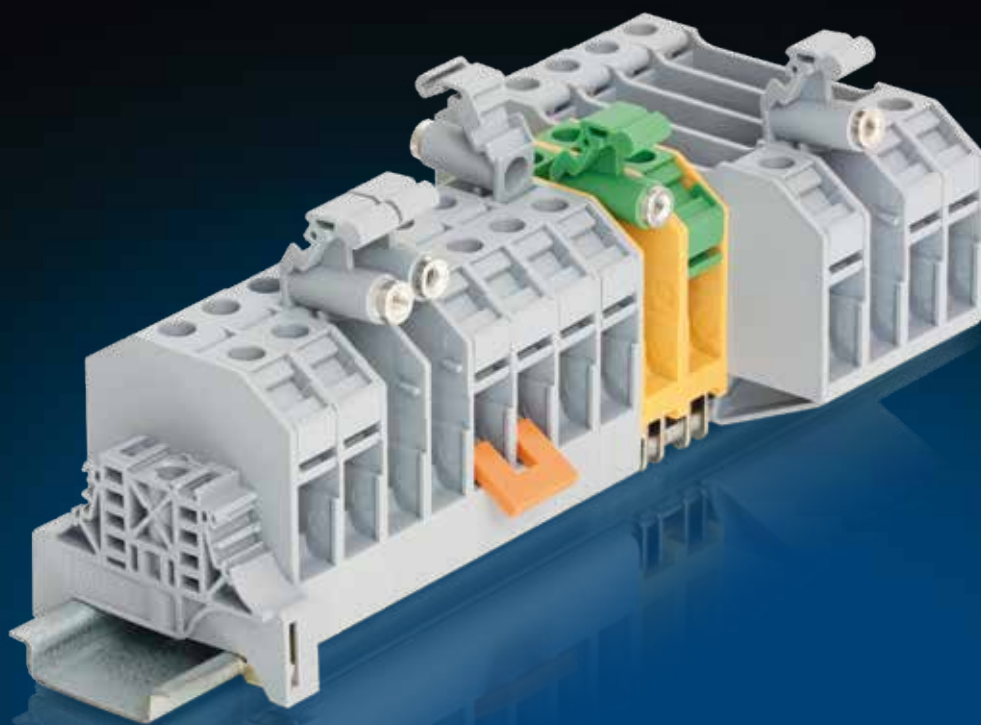




Brochure

Solution series RGW ring lug terminal blocks

Solution series

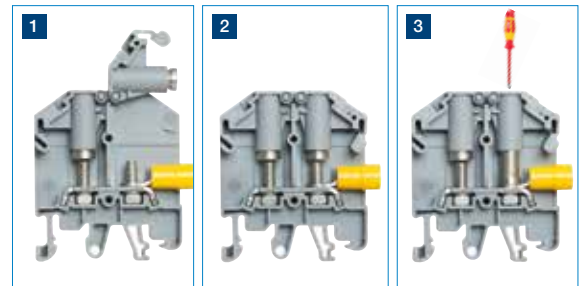
RGW ring lug terminal blocks

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.

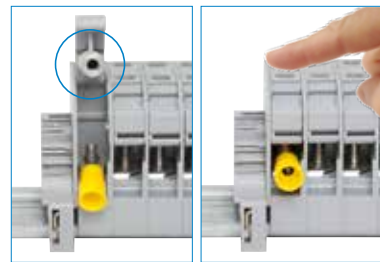


Secured

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.

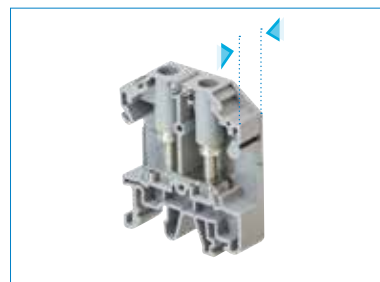


Convenient

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



Fast and secured wiring for ring lugs

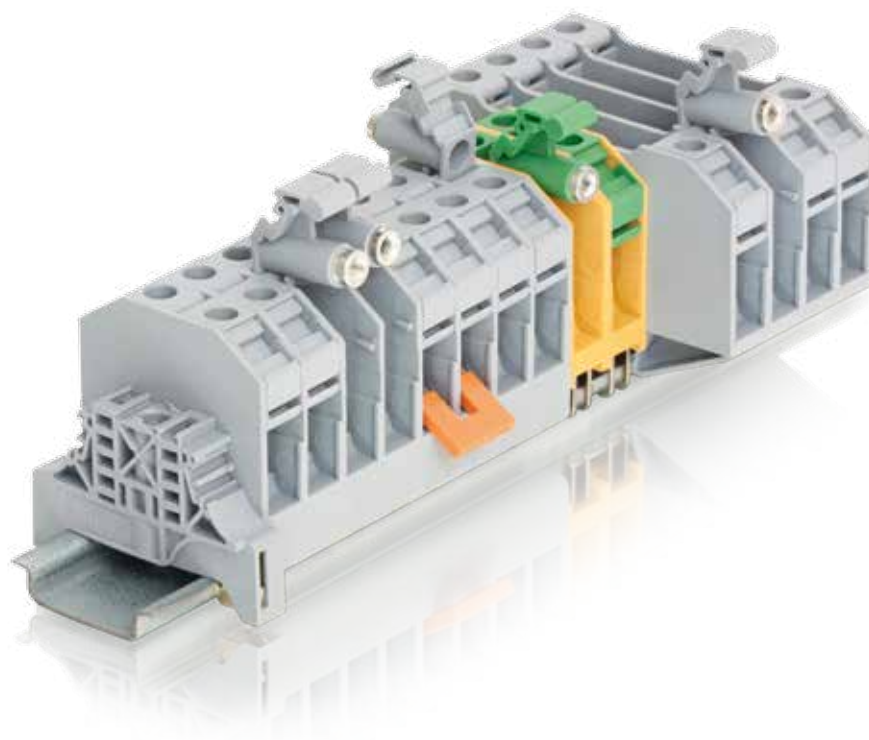
ABB stud connection RGW terminal blocks offer a combination of fast and secured wiring.

Thanks to its exceptional design, the nuts are captive and provide a convenient wiring of ring lugs.

Worldwide application



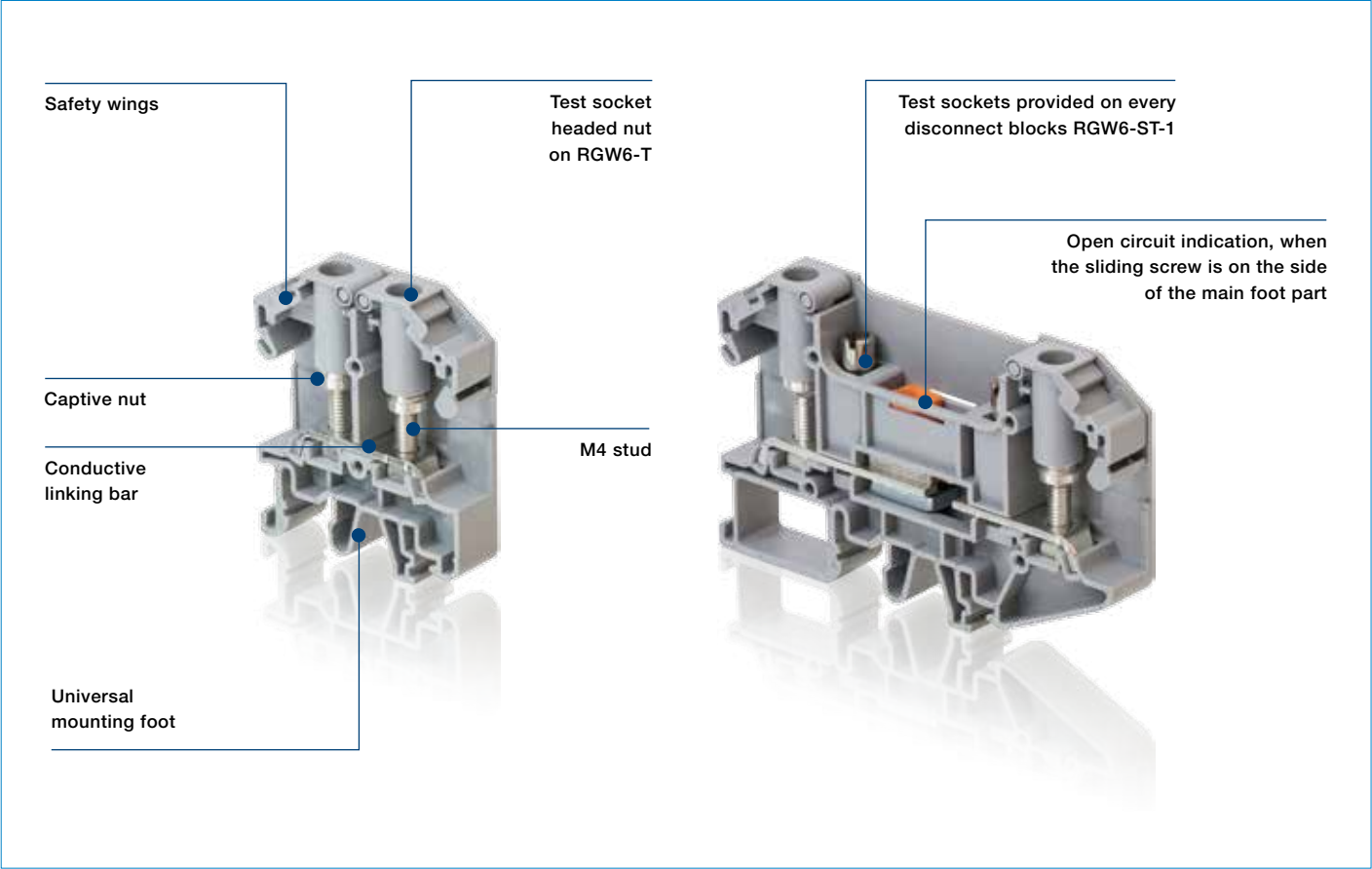
RoHS



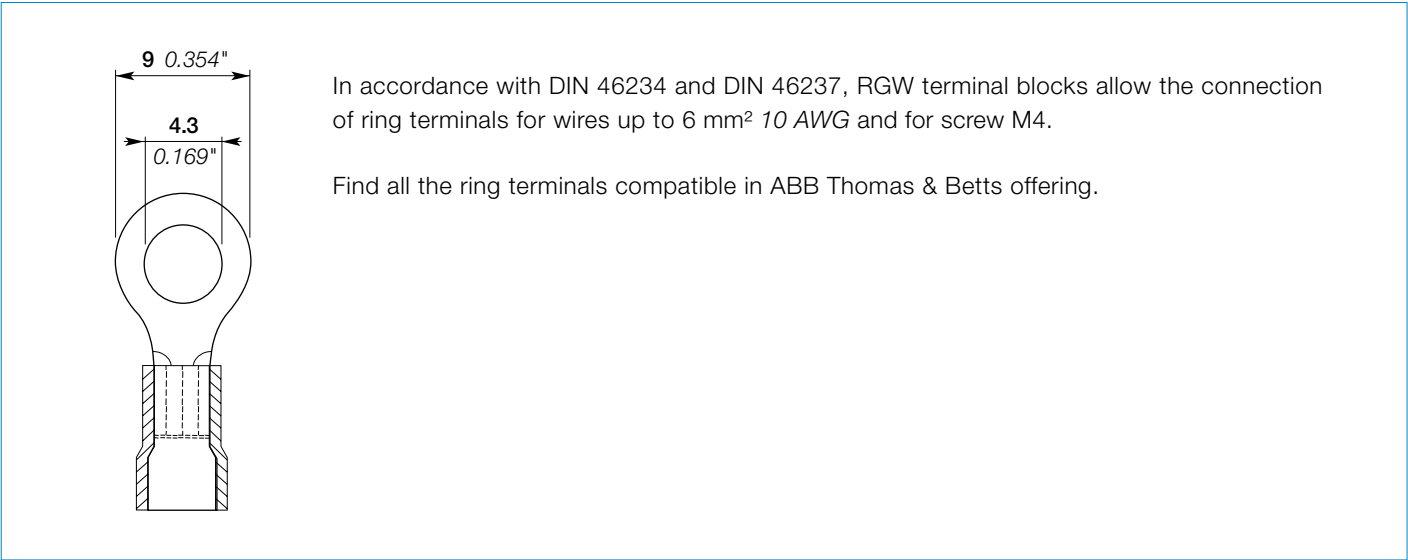
Solution series

RGW ring lug terminal blocks

Features



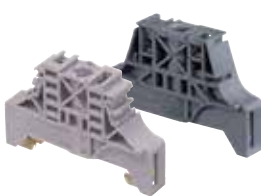
Ring lugs compatibility



Overview Ring lug terminal blocks

					
		Feed-through	Feed-through with test sockets	Test disconnect with sliding link	Ground
Section					
IEC	UL/CSA				
6 mm ²	10 AWG	RGW6	RGW6-T	RGW6-ST- 1	RGW6-PE
		11 mm 0.433 in	11 mm 0.433 in	11 mm 0.433 in	12 mm 0.472 in

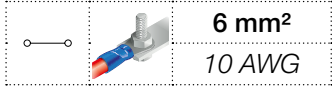
Accessories

			
End stops	Jumper bars from 2 to 7 poles	End sections	Test sockets

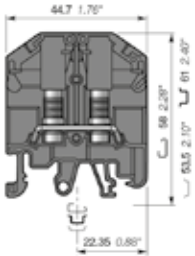
Markers and marking systems

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

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
- 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

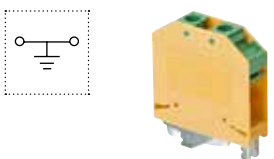
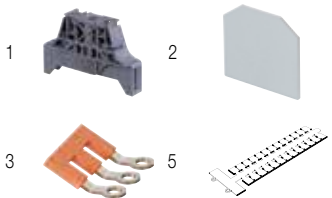
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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>



Accessories

Description				Color	Type	Order code	Pkg	Weight	
							pce	(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	

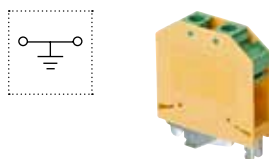


Ground Ring lug terminal blocks

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.

Feed-through with test sockets - 11 mm 0.433 in spacing



- 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.

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

		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	

Rail		G32, TH 35-7.5, TH 35-15
Lugs		Flat screwdriver Ø 5.5 mm Ø 0.217 in
Tool		0.8 - 1.2 N.m 7.1 - 8.85 N.m
Torque		
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 RoHS CULUS CULUS

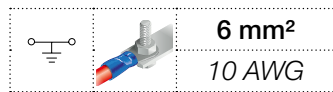
Description				Color	Type	Order code	Pkg	Weight		
							pce	(1 pce) g		
1	End stops	10 mm	0.394 in	Grey 	BAM2	1SNA206351R1600	50	12.00		
				Dark grey 	BAM3	1SNK900001R0000	50	13.80		
2	End sections	1.4 mm	0.055 in	Grey 	E-RGW6	1SNA519004R0000	50	2.60		
3	Jumper bars	2 poles	41 A	30 A	Orange 	PC-RG6-2	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	D/A 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		

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

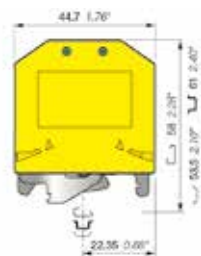
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

RGW6-PE ring lug terminal blocks

Ground - 12 mm 0.472 in spacing



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	Weight
Ground	Green-yellow	RGW6-PE	1SNA511004R0500	40 pce	31.9 (1 pce) g

Main technical data

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

Mounting instructions

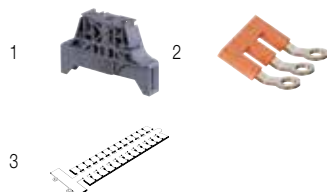
Rail		G32, TH 35-7.5, TH 35-15
Lugs		Flat screwdriver Ø 5.5 mm Ø 0.217 in
Tool		0.8 - 1.2 N.m 7.1 - 8.85 lb.in
Torque		0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Rail connection screw		Flat screwdriver Ø 4 mm Ø 0.157 in
Tool		0.5 - 0.8 N.m 4.4 - 7.1 lb.in
Wire stripping length		10 mm 0.394 in
Max width of lug		9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

Accessories

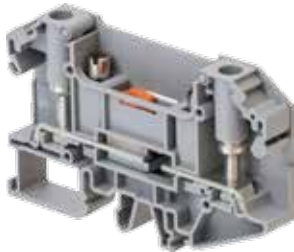
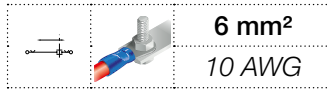
Description	Color	Type	Order code	Pkg	Weight
1 End stops	Grey	BAM2	1SNA206351R1600	50 pce	12.00 (1 pce) g
	Dark grey	BAM3	1SNK900001R0000	50	13.80
2 Jumper bars	Orange	PC-RG6-2	1SNA519104R0200	25	3.44
		PC-RG6-3	1SNA519104R0300	20	5.40
		PC-RG6-4	1SNA519104R0400	15	7.33
		PC-RG6-7	1SNA519104R0700	5	13.2
3 Terminal block 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 *italics*.
Technical data valid for copper conductors only.

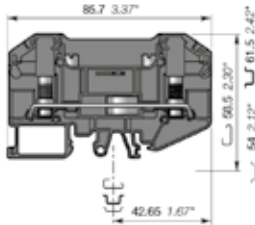
RGW6-ST-1 ring lug terminal blocks

Test disconnect with sliding link - 11 mm 0.433 in spacing



1SNC168037F0014

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 2 studs M4 and with a screw-driver sliding link	Grey	RGW6-ST-1	1SNA512104R0000	25	33.69

Main Technical Data

		IEC	UL	CSA
Lugs	Rigid - Solid / Stranded Flexible Gauge	0.5-6 mm² 0.5-6 mm²	22-10 AWG 22-10 AWG	22-10 AWG
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 Ø 5.5 mm Ø 0.217 in
Tool		0.8 - 1.2 N.m 7.1 - 8.85 N.m
Torque		0.5 - 0.8 N.m 4.4 - 7.1 N.m
Disconnect device		Flat Screwdriver Ø 5.5 mm Ø 0.217 in
Tool		0.5 - 0.8 N.m 4.4 - 7.1 N.m
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

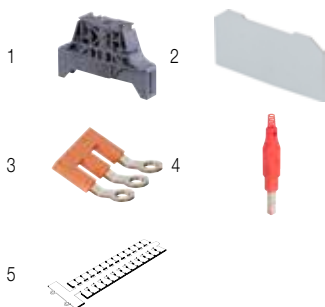
The connecting capacity data for one Rigid - Solid / Stranded - Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards.

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	UL	CSA
CE	RoHS	UL	CSA

Accessories

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



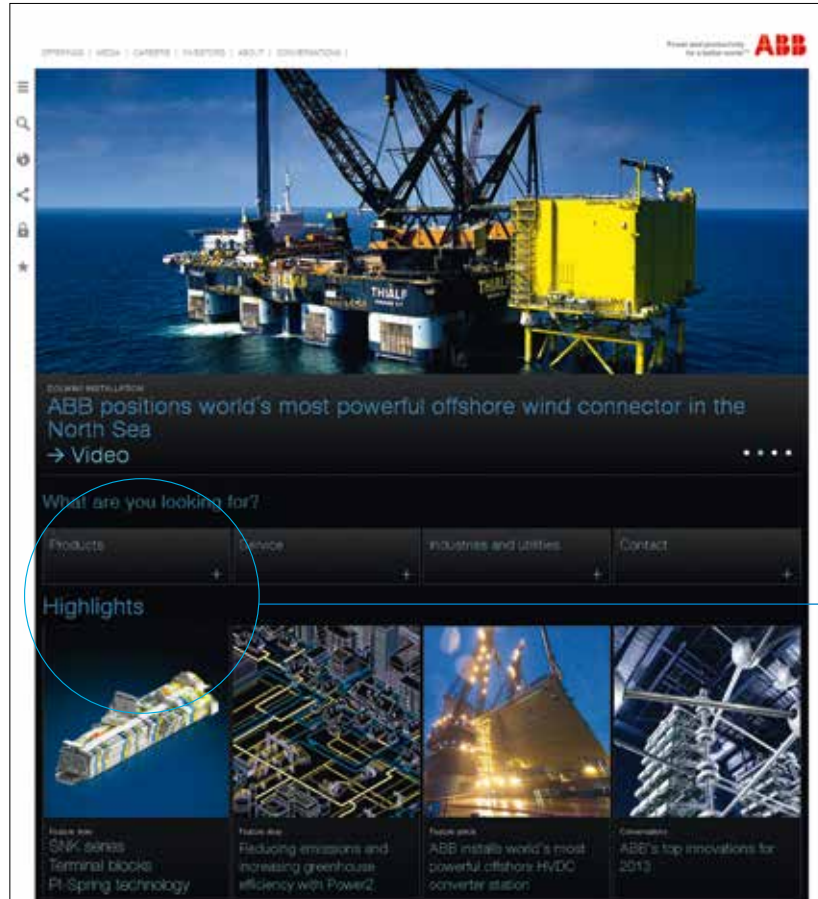
All the technical data for UL/CSA standard and dimensions in inches are in italic.
Technical data valid for copper conductors only.

SNK series, terminal blocks

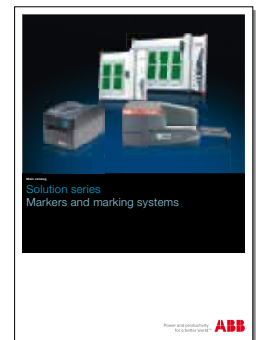
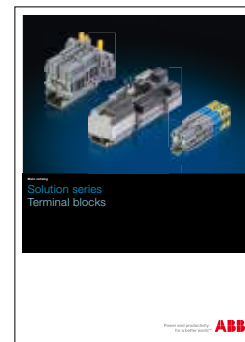
Marketing material

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



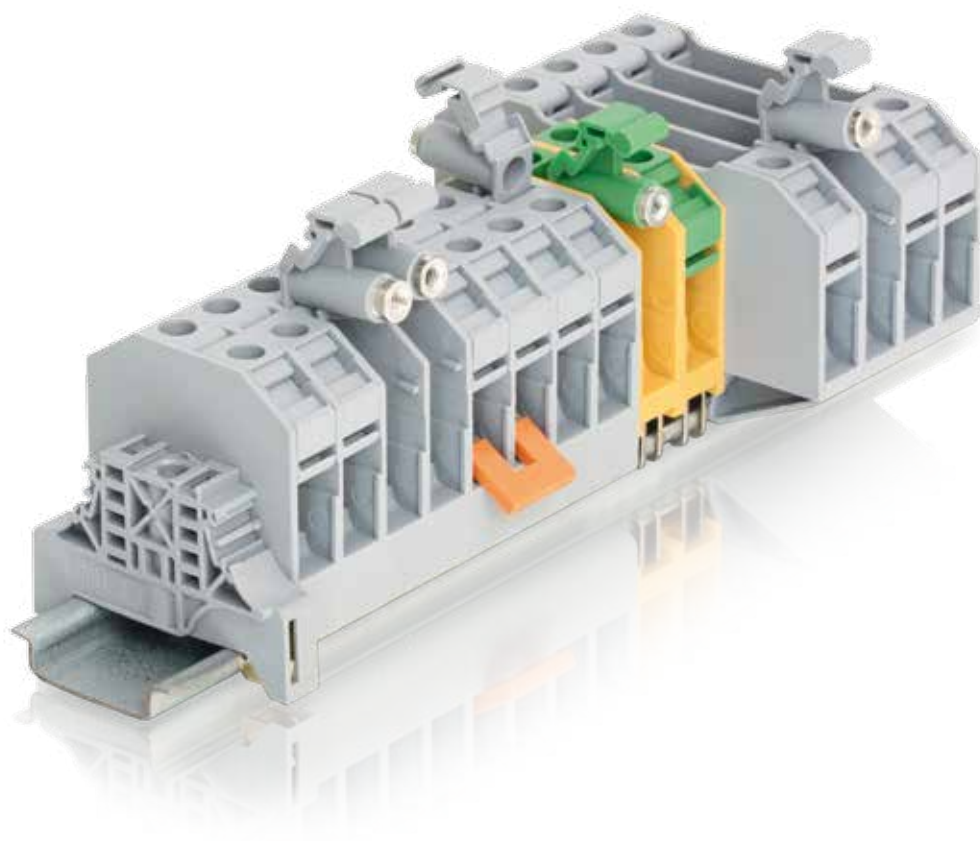
Cadenas portal: Download 2D or 3D files according to your needs (STEP, IGES...)

SNK series terminal blocks in your pocket



The ABB website compatible with Smartphones 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.

We reserve all rights in this document and in the subject matter and illustrations contained therein. Any reproduction, disclosure to third parties or utilization of its contents – in whole or in parts – is forbidden without prior written consent of ABB.

Copyright© 2014 ABB - All rights reserved