

# ABB terminal blocks

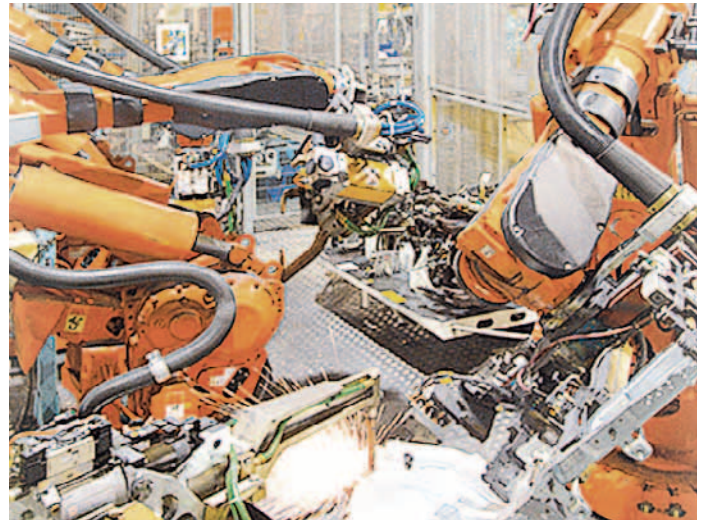
As recognised specialist in terminal blocks with over 50 years of experience, ABB offers one of the widest ranges of connections on the market including screw, spring, IDC, pluggable and power connection technologies and more than 6,000 products.

Our terminal blocks are designed and produced according to the highest ABB quality standards and are used worldwide within all major industries including automation, energy, food processing, transportation and petrochemicals.

## Environmental status:

Please do not hesitate to request a copy of our "Environmental Declaration", which is available for all our products.

This Declaration presents the environmental impact calculated from the design phase up to recycling options.



# ABB connections

## Rely on our expertise



Our screw clamp technology benefits from 50 years of experience. Billions of ABB screw clamps have been manufactured and are now installed all over the world.

Our screw clamp solutions can fit all connecting applications with rigid or flexible wires, from 0.22 mm<sup>2</sup> up to 240 mm<sup>2</sup>.



ABB has been manufacturing spring clamps for more than 10 years and owns several patents. Our clamp designs benefit from our strong expertise in 3D finite element simulations as well as in-situ testing capabilities.

Our spring clamp solutions can fit all connecting applications with rigid or flexible wires, from 0.12 mm<sup>2</sup> up to 35 mm<sup>2</sup> and feature an anti-corrosion clamp made of stainless steel.

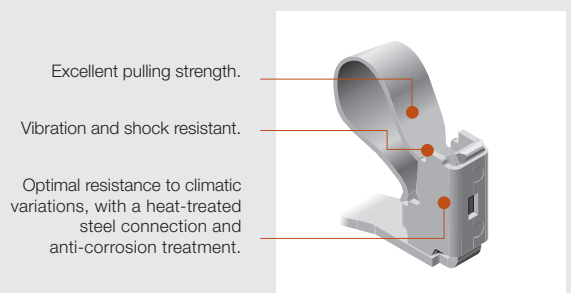
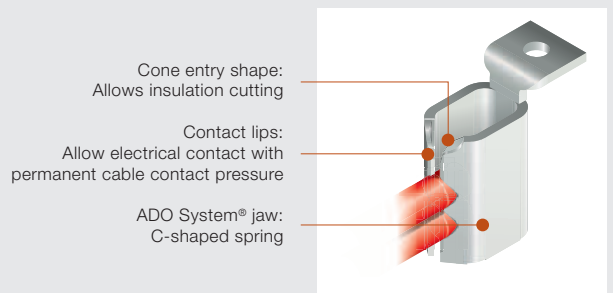
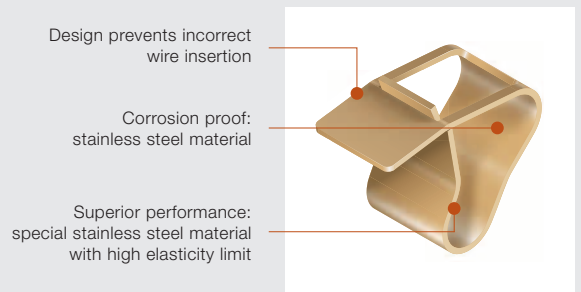
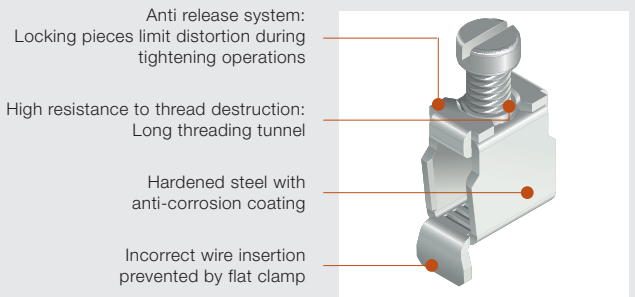


Our ADO System<sup>®</sup> is based on Insulation Displacement Connection (IDC) technology. IDC technology can be found in various applications outside the electrical world. (RJ45 connectors used in Telecoms for instance).

Our ADO System<sup>®</sup> features one single piece which, when associated with its dedicated tool, combines wire preparation with wire connection.

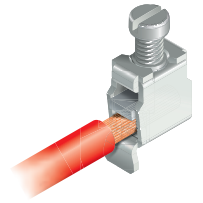


Embrace our new PI-Spring screwless technology featuring direct insertion as well as ergonomics of a spring connection. This technology permits direct insertion of solid or flexible cable without screwdriver or insertion of flexible conductors without ferrules in association with a screwdriver. The clamp is made of anti-corrosion stainless steel material.



# Terminal blocks

## Screw clamp technology



- Smart design, RoHS
- Rated cross section up to 240 mm<sup>2</sup>
- Operating temperature -55...+110 °C.

Type	Function	Cross section IEC UL/CSA	Spacing	Rated current	Terminal blocks		End sections	Jumper bars		Marking	
					Color	Order code	Order code	Nb of poles	Order code		
<b>Feed-through and ground terminal blocks</b>											
ZS4...		4 mm <sup>2</sup> 12 AWG	5.2 mm <i>0.205 in</i>	32 A 20 A	Grey Blue Orange Yellow	1SNK505010R0000 1SNK505020R0000 1SNK505030R0000 1SNK505060R0000	1SNK505910R0000		2	1SNK905302R0000	MC512 MC512PA
		2.5 mm <sup>2</sup> 14 AWG							3	1SNK905303R0000	
		4 mm <sup>2</sup> 12 AWG							4	1SNK905304R0000	
									5	1SNK905305R0000	
									10	1SNK905310R0000	
								50	1SNK905350R0000		
ZS4-PE		4 mm <sup>2</sup> 12 AWG	5.2 mm <i>0.205 in</i>	480 A/1s 396 A/1s	Green-Yellow	1SNK505150R0000	1SNK505910R0000				MC512 MC512PA
		2.5 mm <sup>2</sup> 14 AWG									
		4 mm <sup>2</sup> 12 AWG									
ZS6...		6 mm <sup>2</sup> 10 AWG	6 mm <i>0.236 in</i>	41 A 30 A	Grey Blue Orange Yellow	1SNK506010R0000 1SNK506020R0000 1SNK506030R0000 1SNK506060R0000	1SNK505910R0000		2	1SNK906302R0000	MC612 MC612PA
		4 mm <sup>2</sup> 12 AWG *							3	1SNK906303R0000	
		6 mm <sup>2</sup> 10 AWG							4	1SNK906304R0000	
									5	1SNK906305R0000	
									10	1SNK906310R0000	
								50	1SNK906350R0000		
ZS6-PE		6 mm <sup>2</sup> 10 AWG	6 mm <i>0.236 in</i>	720 A/1s 636 A/1s	Green-Yellow	1SNK506150R0000	1SNK505910R0000				MC612 MC612PA
		4 mm <sup>2</sup> 12 AWG *									
		6 mm <sup>2</sup> 10 AWG									
ZS10...		10 mm <sup>2</sup> 6 AWG	8 mm <i>0.315 in</i>	57 A 42 A	Grey Blue Orange Yellow	1SNK508010R0000 1SNK508020R0000 1SNK508030R0000 1SNK508060R0000	1SNK505910R0000		2	1SNK908302R0000	MC812 MC812PA
		6 mm <sup>2</sup> 8 AWG *							3	1SNK908303R0000	
		10 mm <sup>2</sup> 6 AWG							4	1SNK908304R0000	
									5	1SNK908305R0000	
									10	1SNK908310R0000	
ZS10-PE		10 mm <sup>2</sup> 6 AWG	8 mm <i>0.315 in</i>	1200 A/1s 1596 A/1s	Green-Yellow	1SNK508150R0000	1SNK505910R0000				MC812 MC812PA
		6 mm <sup>2</sup> 8 AWG *									
		10 mm <sup>2</sup> 6 AWG									
ZS16...		16 mm <sup>2</sup> 4 AWG	10 mm <i>0.394 in</i>	76 A 67 A	Grey Blue Orange	1SNK510010R0000 1SNK510020R0000 1SNK510030R0000	1SNK505910R0000		2	1SNK910302R0000	MC812 MC812PA
		10 mm <sup>2</sup> 8 AWG *							3	1SNK910303R0000	
		16 mm <sup>2</sup> 4 AWG							4	1SNK910304R0000	
									5	1SNK910305R0000	
									10	1SNK910310R0000	
ZS16-PE		16 mm <sup>2</sup> 4 AWG	10 mm <i>0.394 in</i>	1920 A/1s 2544 A/1s	Green-Yellow	1SNK510150R0000	1SNK505910R0000				MC812 MC812PA
		10 mm <sup>2</sup> 8 AWG *									
		16 mm <sup>2</sup> 4 AWG									

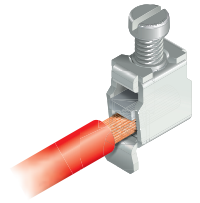
\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in *italics*.

Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor

# Terminal blocks

## Screw clamp technology



- Smart design, RoHS
- Rated cross section up to 240 mm<sup>2</sup>
- Operating temperature -55...+110 °C.

Type	Function	Cross section IEC UL/CSA	Spacing	Rated current	Color	Order code	Terminal blocks		End sections		Jumper bars		Marking
							Order code	Order code	Nb of poles	Order code			
<b>Feed-through and ground terminal blocks (continued)</b>													
ZS35...		35 mm <sup>2</sup> 0 AWG	16 mm <i>0.630 in</i>	125 A 150 A	Grey Blue Orange	1SNK516010R0000 1SNK516020R0000 1SNK516030R0000	Closed block			2 3 4 5 10	1SNK916302R0000 1SNK916303R0000 1SNK916304R0000 1SNK916305R0000 1SNK916310R0000	MC812 MC812PA	
		35 mm <sup>2</sup> 2 AWG *											
		35 mm <sup>2</sup> 0 AWG											
		35 mm <sup>2</sup> 2 AWG											
ZS35-PE		35 mm <sup>2</sup> 2 AWG	16 mm <i>0.630 in</i>	4200 A/1s 4032 A/1s	Green- Yellow	1SNK516150R0000	Closed block			2 3 4 5 10	1SNK916302R0000 1SNK916303R0000 1SNK916304R0000 1SNK916305R0000 1SNK916310R0000	MC812 MC812PA	
		35 mm <sup>2</sup> 2 AWG *											
		35 mm <sup>2</sup> 2 AWG											
ZS70...		70 mm <sup>2</sup> 00 AWG	22 mm <i>0.866 in</i>	192 A 159 A	Grey Blue Yellow	1SNK522010R0000 1SNK522020R0000 1SNK522060R0000	Closed block			2 3 5 10	1SNK922302R0000 1SNK922303R0000 1SNK922305R0000 1SNK922310R0000	MC812 MC812PA	
		50 mm <sup>2</sup> *											
		95 mm <sup>2</sup>											
		120 mm <sup>2</sup>											
ZS70-PE		70 mm <sup>2</sup> 00 AWG	22 mm <i>0.866 in</i>	8400 A/1s 8088 A/1s	Green- Yellow	1SNK522150R0000	Closed block			2 3 5 10	1SNK922302R0000 1SNK922303R0000 1SNK922305R0000 1SNK922310R0000	MC812 MC812PA	
		50 mm <sup>2</sup> *											
		95 mm <sup>2</sup>											
ZS95...		95 mm <sup>2</sup> 0000 AWG	26 mm <i>1.024 in</i>	232 A 230 A	Grey Blue Yellow	1SNK526010R0000 1SNK526020R0000 1SNK526060R0000	Closed block			2 3 5 10	1SNK926302R0000 1SNK926303R0000 1SNK926305R0000 1SNK926310R0000	MC812 MC812PA	
		50 mm <sup>2</sup> *											
		120 mm <sup>2</sup>											
		150 mm <sup>2</sup>											
ZS95-PE		95 mm <sup>2</sup> 0000 AWG	26 mm <i>1.024 in</i>	11400 A/1s 12840 A/1s	Green- Yellow	1SNK526150R0000	Closed block			2 3 5 10	1SNK926302R0000 1SNK926303R0000 1SNK926305R0000 1SNK926310R0000	MC812 MC812PA	
		50 mm <sup>2</sup> *											
		120 mm <sup>2</sup>											
D150/31		150 mm <sup>2</sup>	31 mm <i>1.220 in</i>	309 A Tap: 57 A	Grey Blue Yellow	1SNA399715R0400 1SNA399717R0600 1SNA400778R0000	Closed block			2 3	1SNA206053R0700 1SNA206054R0000	RC1010	
		185 mm <sup>2</sup>											
		240 mm <sup>2</sup>											
D240/36		240 mm <sup>2</sup>	36 mm <i>1.417 in</i>	415 A Tap: 57 A	Grey Blue Yellow	1SNA399704R1200 1SNA399706R1400 1SNA400779R0000	Closed block			2 3	1SNA206126R2500 1SNA206223R0600	RC1010	
		240 mm <sup>2</sup>											
		240 mm <sup>2</sup>											

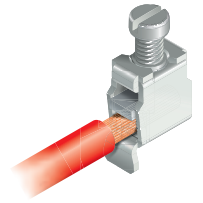
\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in *italics*.




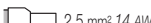




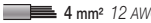
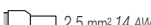
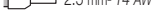




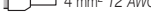

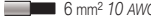





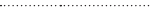





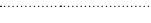
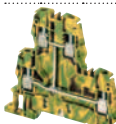


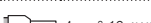




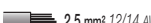





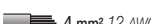
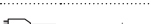

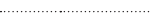





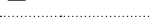
Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor

# Terminal blocks

## Screw clamp technology






- High wiring density for space saving
- Effective space reduction for switchgear with space constraints or sensors with multiple connection needs.

Type	Function	Cross section IEC UL/CSA	Terminal blocks			End sections		Jumper bars		Marking
			Spacing	Rated current	Color	Order code	Order code	Nb of poles	Order code	
<b>Multi-deck terminal blocks</b>										
 <b>ZS4-D2</b>		 4 mm² 12 AWG	5.2 mm <i>0.205 in</i>	29 A 20 A	Grey Blue Orange	1SNK505210R0000 1SNK505220R0000 1SNK505230R0000	1SNK505960R0000	2	1SNK905302R0000	MC512 MC512PA
		 2.5 mm² 14 AWG *						3	1SNK905303R0000	
		 4 mm² 12 AWG						4	1SNK905304R0000	
		 4 mm² 12 AWG						5	1SNK905305R0000	
 <b>ZS4-D1</b>		 4 mm² 12 AWG	5.2 mm <i>0.205 in</i>	29 A 20 A	Grey	1SNK505211R0000	1SNK505960R0000	2	1SNK905302R0000	MC512 MC512PA
		 2.5 mm² 14 AWG *						3	1SNK905303R0000	
		 4 mm² 12 AWG						4	1SNK905304R0000	
		 4 mm² 12 AWG						5	1SNK905305R0000	
 <b>ZS6-D2</b>		 6 mm² 10 AWG	6 mm <i>0.236 in</i>	41 A 30 A	Grey Blue Orange	1SNK506210R0000 1SNK506220R0000 1SNK506230R0000	1SNK505960R0000	2	1SNK906302R0000	MC612 MC612PA
		 4 mm² 12 AWG *						3	1SNK906303R0000	
		 6 mm² 10 AWG						4	1SNK906304R0000	
		 6 mm² 10 AWG						5	1SNK906305R0000	
 <b>ZS6-D1</b>		 6 mm² 10 AWG	6 mm <i>0.236 in</i>	41 A 30 A	Grey	1SNK506211R0000	1SNK505960R0000	2	1SNK906302R0000	MC612 MC612PA
		 4 mm² 12 AWG *						3	1SNK906303R0000	
		 6 mm² 10 AWG						4	1SNK906304R0000	
		 6 mm² 10 AWG						5	1SNK906305R0000	
 <b>ZS6-D2-PE</b>		 6 mm² 10 AWG	6 mm <i>0.236 in</i>	41 A 720 A/1s 30 A	Grey and green- yellow	1SNK506212R0000	1SNK505960R0000	2	1SNK906302R0000	MC612 MC612PA
		 4 mm² 12 AWG *						3	1SNK906303R0000	
		 6 mm² 10 AWG						4	1SNK906304R0000	
		 6 mm² 10 AWG						5	1SNK906305R0000	
 <b>ZS6-D1-PE</b>		 6 mm² 10 AWG	6 mm <i>0.236 in</i>	720 A/1s 720 A	Green- yellow	1SNK506250R0000	1SNK505960R0000	2	1SNK906302R0000	MC612 MC612PA
		 4 mm² 12 AWG *						3	1SNK906303R0000	
		 6 mm² 10 AWG						4	1SNK906304R0000	
		 6 mm² 10 AWG						5	1SNK906305R0000	
 <b>D2.5/6.DA</b>		 2.5 mm² 12/14 AWG	6 mm <i>0.236 in</i>	22 A 26/20 A	Grey	1SNA115541R1100	1SNA116771R2000	2	1SNA178024R2500	RC65
		 2.5 mm² *						3	1SNA178025R2600	
		 2.5 mm² 12/14 AWG						4	1SNA178026R2700	
		 2.5 mm² 12/14 AWG						5	1SNA178027R2000	
 <b>D4/6.T3</b>		 4 mm² 12 AWG	6 mm <i>0.236 in</i>	32 A 20 A	Grey	1SNA299683R0100	Closed block	2	1SNA173217R2600	RC65
		 2.5 mm² *						3	1SNA173218R0700	
		 4 mm² 12 AWG						4	1SNA173219R0000	
		 4 mm² 12 AWG						5	1SNA173221R2200	
 <b>D4/6.P.T1</b>		 4 mm² 12 AWG	6 mm <i>0.236 in</i>	480 A/1s 396 A/1s	Green- yellow	1SNA199220R0000	Closed block	2	1SNA173226R2700	RC65
		 2.5 mm² *						3		
		 4 mm² 12 AWG						4		
		 4 mm² 12 AWG						5		

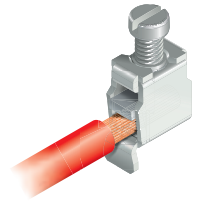
\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in *italics*.

 Flexible (IEC) stranded (UL/CSA) conductor -  Flexible with insulated ferrule -  Rigid conductor

# Terminal blocks

## Screw clamp technology



- Easy opening, maintenance and current or voltage testing without disconnecting the wiring
- Various types to suit particular needs (compact, high density, 1/4 turn, power, etc.).

Type	Function	Cross section IEC UL/CSA	Spacing	Rated current	Terminal blocks		End sections	Jumper bars		Marking
					Color	Order code	Order code	Nb of poles	Order code	
<b>Disconnect terminal blocks, with blade</b>										
		4 mm² 10 AWG	5.2 mm 0.205 in	25 A	Grey Blue Orange	1SNK505310R0000 1SNK505320R0000 1SNK505330R0000	1SNK505910R0000			MC512 MC512PA
		2.5 mm² 14 AWG *								
		4 mm² 10 AWG								
ZS4-S...		4 mm² 10 AWG	5.2 mm 0.205 in	25 A	Grey Blue Orange	1SNK505311R0000 1SNK505321R0000 1SNK505331R0000	1SNK505910R0000			MC512 MC512PA
		2.5 mm² 14 AWG *								
		4 mm² 10 AWG								
		6 mm² 10 AWG	6 mm 0.236 in	25 A	Grey Blue	1SNK506315R0000 1SNK506322R0000	1SNK505910R0000			MC612 MC612PA
		4 mm² 12 AWG								
		10 mm² 10 AWG	8 mm 0.315 in	25 A	Grey Blue	1SNK508315R0000 1SNK508320R0000	1SNK505910R0000			MC812 MC812PA
		6 mm² 12 AWG								
		4 mm² 10 AWG								
		4 mm² 10 AWG	6 mm 0.236 in	26 A	Grey Blue Orange	1SNK506310R0000 1SNK506320R0000 1SNK506330R0000	Closed block		2 3 4 5 10	1SNK906302R0000 1SNK906303R0000 1SNK906304R0000 1SNK906305R0000 1SNK906310R0000
		4 mm² 12 AWG *								
		4 mm² 10 AWG								
		4 mm² 12 AWG	6 mm 0.236 in	10 A 15 A	Grey	+ test Ø 2 mm / 0.079 in 1SNA115561R1500	1SNA116591R0500		2 3 4 5 10	1SNA179668R2000 1SNA179669R2100 1SNA179670R2600 1SNA179671R1300 1SNA179672R1400
		2.5 mm² *								
		4 mm² 12 AWG								
		4 mm² 10 AWG	6 mm 0.236 in	10 A	Grey	without test 1SNA199444R2500	Closed block		2 3 4 10	Comb type 1SNA113546R1400 1SNA116536R0500 1SNA116537R0600 1SNA113548R2600
		2.5 mm² *								
		4 mm² 10 AWG								
		6 mm² 8 AWG	8 mm 0.315 in	15 A 40/15 A	Grey	+ test Ø 4 mm / 0.157 in 1SNA115277R2000	1SNA113137R0200		2 3 4 10	Comb type 1SNA116538R1700 1SNA116539R1000 1SNA116540R2500 1SNA163313R2400
		6 mm² *								
		10 mm² 8 AWG								
<b>Disconnect terminal blocks, with push-turn knob</b>										
		6 mm² 8 AWG (UL only)	8 mm 0.315 in	30 A 50 A	Grey	+ test Ø 4 mm / 0.157 in 1SNA115359R0200	1SNA116979R2100		2 3 4 10	Comb type 1SNA116538R1700 1SNA116539R1000 1SNA116540R2500 1SNA163313R2400
		6 mm² *								
		10 mm² 8 AWG								
		6 mm² 8 AWG	8 mm 0.315 in	40 A 30 A	Grey	+ test Ø 4 mm / 0.157 in 1SNA115971R1000 1SNA115237R1000 without test 1SNA115236R1700	1SNA113629R2700		2 3 4 10	Comb type 1SNA116538R1700 1SNA116539R1000 1SNA116540R2500 1SNA163313R2400
		6 mm² *								
		10 mm² 10 AWG								

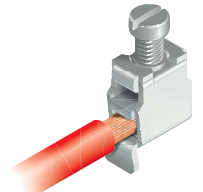
\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in *italics*.

Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor

# Terminal blocks

## Screw clamp technology



- Our fuse range covers a large spectrum of applications from control to supply circuits up to 32 A
- Various types are available to suit industrial needs (compact, alternated distribution, with blown fuse indicator)
- Blown fuse indicators feature low leakage current.

Type	Function	Cross section IEC UL/CSA	Terminal blocks		Color	Order code	End sections	Jumper bars		Marking
			Spacing	Rated current				Nb of poles	Order code	
<b>Fuse holder terminal blocks for 5 x 20 mm (0.197 x 0.787 in) fuses</b>										
ZS4-SF			6 mm 0.236 in	6.3 A 6.3 A	Grey	1SNK506410R0000	Closed block	2	1SNK906302R0000	MC612 MC612PA
								3	1SNK906303R0000	
								4	1SNK906304R0000	
								5	1SNK906305R0000	
ZS4-SF-T			6 mm 0.236 in	6.3 A 6.3 A	Grey	+ test Ø 2 mm / 0.079 in 1SNK506411R0000	Closed block	2	1SNK906302R0000	MC612 MC612PA
								3	1SNK906303R0000	
								4	1SNK906304R0000	
								5	1SNK906305R0000	
ZS4-SF-R...			6 mm 0.236 in	6.3 A 6.3 A	Grey	24-60 V 1SNK506412R0000  115-250 V 1SNK506415R0000	Closed block	2	1SNK906302R0000	MC612 MC612PA
								3	1SNK906303R0000	
								4	1SNK906304R0000	
								5	1SNK906305R0000	
ZS4-SF-R...			6 mm 0.236 in	6.3 A 6.3 A	Grey	24-60 V + test Ø 2 mm / 0.079 in 1SNK506413R0000  115-250 V + test Ø 2 mm / 0.079 in 1SNK506415R0000	Closed block	2	1SNK906302R0000	MC612 MC612PA
								3	1SNK906303R0000	
								4	1SNK906304R0000	
								5	1SNK906305R0000	
ZS4-SF1			8 mm 0.315 in	6.3 A 6.3 A	Grey	1SNK508410R0000	1SNK508960R0000			MC812 MC812PA
ZS4-SF1-T2			8 mm 0.315 in	6.3 A 6.3 A	Grey	+ test Ø 2 mm / 0.079 in 1SNK508411R0000	1SNK508960R0000			MC812 MC812PA
ZS4-SF1-R...			8 mm 0.315 in	6.3 A 6.3 A	Grey	24-60 V 1SNK508412R0000  115-250 V 1SNK508414R0000	1SNK508960R0000			MC812 MC812PA
ZS4-SF1-R...			8 mm 0.315 in	6.3 A 6.3 A	Grey	24-60 V + test Ø 2 mm / 0.079 in 1SNK508413R0000  115-250 V + test Ø 2 mm / 0.079 in 1SNK508415R0000	1SNK508960R0000			MC812 MC812PA

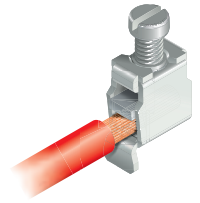
\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in *italics*.

Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor

# Terminal blocks

## Screw clamp technology



- Our fuse range covers a large spectrum of applications from control to supply circuits up to 32 A
- Various types are available to suit industrial needs (compact, alternated distribution, with blown fuse indicator)
- Blown fuse indicators feature low leakage current.

Type	Function	Cross section IEC UL/CSA	Spacing	Rated current	Terminal blocks		End sections		Jumper bars		Marking
					Color	Order code	Order code	Nb of poles	Order code		
<b>Double deck fuse holder terminal blocks for 5 x 20 mm (0.197 x 0.787 in) and 5 x 25 mm (0.197 x 0.984 in) fuses</b>											
M4/8.D2.SF		4 mm² 12 AWG	8 mm 0.315 in	6.3 A 20 A	Grey	1SNA115604R2100	1SNA116913R0700		2	1SNA176669R1600	RC810
		4 mm²*							3	1SNA176670R1300	
		6 mm² 12 AWG							4	1SNA176671R0000	
									5	1SNA176672R0100	
M4/8.D2.SFD3		4 mm² 12 AWG	8 mm 0.315 in	6.3 A 20 A	Grey	24-60 V DC & 110 V AC 1SNA115936R0500	1SNA116913R0700		2	1SNA176669R1600	RC810
		4 mm²*							3	1SNA176670R1300	
		6 mm² 12 AWG							4	1SNA176671R0000	
									5	1SNA176672R0100	
D4/8.D2.P.SF		4 mm² 12 AWG	8 mm 0.315 in	6.3 A 20 A	Grey	1SNA400270R2000	1SNA400273R1700		2	1SNA168520R0500	RC810
		4 mm²*							3	1SNA168521R2200	
		6 mm²							4	1SNA168522R2300	
									5	1SNA168523R2400	
D4/8.D2.P.SF...		4 mm² 12 AWG	8 mm 0.315 in	6.3 A 6.3 A	Grey	Neon 110-230 V 1SNA400271R1500	1SNA400273R1700		2	1SNA168520R0500	RC810
		4 mm²*							3	1SNA168521R2200	
		6 mm²							4	1SNA168522R2300	
									5	1SNA168523R2400	
ML10/13.SF...		10 mm² 10/8 AWG	13 mm 0.512 in	16 A 25 A	Black	1SNA199095R1300 24 V 1SNA199166R2600 110-230 V 1SNA199168R0000 480 V 1SNA199165R2500	1SNA199635R2400		10	1SNA175991R1100	RC1010
		10 mm²*							Screw		
		16 mm² 10/8 AWG							1SNA163394R2600		
									Washer		
DL16/17.5.SF		16 mm² 8 AWG	17.8 mm 0.701 in	32 A 30 A	Grey	1 pole 10.3 x 38 mm 1SNA400732R0300 Neutral 10.3 x 38 mm 1SNA400734R0500 1 pole Class CC 1SNA400728R1700	Closed block			Assembly clip 1SNA400735R0600	
		16 mm²*							Assembly rod 1SNA400736R0700		
		25 mm² 8 AWG									
DL16/17.5.SFL		16 mm² 8 AWG	17.8 mm 0.701 in	32 A 30 A	Grey	1 pole 10.3 x 38 mm Blown fuse indicator 120-690 V AC 1SNA400733R0400 1 pole Class CC Blown fuse indicator 120-690 V AC 1SNA400731R0200	Closed block			Assembly clip 1SNA400735R0600	
		16 mm²*							Assembly rod 1SNA400736R0700		
		25 mm² 8 AWG									

\* Manufacturer value

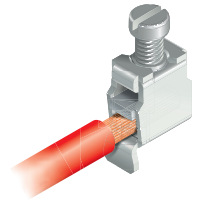
All technical data for UL/CSA standards and dimensions in inches are shown in italic.

Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor




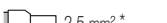



















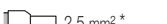


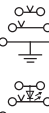

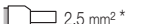



# Terminal blocks

## Screw clamp technology






- Multi-clamp terminal blocks combine high wiring density with ergonomics, and can also be used to distribute potential
- Three level sensor terminal blocks allow signal & potential distribution in a compact format for automation applications.

Type	Function	Cross section IEC <i>UL/CSA</i>	Spacing	Rated current	Terminal blocks		End sections	Jumper bars		Marking
					Color	Order code	Order code	Nb of poles	Order code	
<b>Multi-clamp feed-through and ground terminal blocks</b>										
 M4/6.3A		 4 mm² 10/12 AWG	6 mm <i>0.236 in</i>	32 A 20 A	Grey Blue	1SNA115468R2000 1SNA125468R2200	1SNA116576R1500 1SNA126576R1700	2 3 4 5 10	1SNA176663R0000 1SNA176664R0100 1SNA176665R0200 1SNA176666R0300 1SNA176667R0400	RC610
		 2.5 mm²*								
		 4 mm² 10/12 AWG								
 M4/6.3A.P		 4 mm² 10/12 AWG	6 mm <i>0.236 in</i>	480 A/1s	Green- Yellow	1SNA195637R1200	1SNA199876R2600			RC610
		 2.5 mm²*								
		 4 mm² 10/12 AWG								
 M4/6.4A		 4 mm² 10/12 AWG	6 mm <i>0.236 in</i>	32 A 20 A	Grey Blue	1SNA115479R2300 1SNA125479R2500	1SNA116629R2200 1SNA126629R2400	2 3 4 5 10	1SNA176663R0000 1SNA176664R0100 1SNA176665R0200 1SNA176666R0300 1SNA176667R0400	RC610
		 2.5 mm²*								
		 4 mm² 10/12 AWG								
 M4/6.4A.P		 4 mm² 10/12 AWG	6 mm <i>0.236 in</i>	480 A/1s	Green- Yellow	1SNA195638R2300	1SNA199879R0100			RC610
		 2.5 mm²*								
		 4 mm² 10/12 AWG								
<b>Multi-clamp disconnect terminal blocks</b>										
 M4/6.SNBT.4A		 4 mm² 10/12 AWG	6 mm <i>0.236 in</i>	10 A 10 A	Grey Orange	1SNA105143R2100	1SNA116629R2200			RC610
		 2.5 mm²*								
		 4 mm² 10/12 AWG								
<b>Three level sensor terminal blocks</b>										
 D2.5/6.DPA		 2.5 mm² 12/14 AWG	6 mm <i>0.236 in</i>	22 A 26/20 A 300 A/1s	Grey	1SNA115643R2700 Red 24 V DC LED 1SNA115642R2600	1SNA116771R2000	2 3 4 5 10	1SNA178024R2500 1SNA178025R2600 1SNA178026R2700 1SNA178027R2000 1SNA178032R2500	RC65
		 2.5 mm²*								
		 2.5 mm² 12/14 AWG								

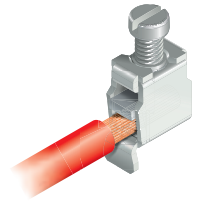
\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in italic.

 Flexible (IEC) stranded (UL/CSA) conductor –  Flexible with insulated ferrule –  Rigid conductor

# Terminal blocks

## Screw clamp technology



- Functional terminal blocks make it easier to install components (resistors, diodes, etc.) on the circuit
- Universal thermocouple terminal blocks enable the connection of all types of thermocouple wires without loss of signal integrity, and only one product reference is required.

Type	Function	Cross section IEC <i>UL/CSA</i>	Spacing	Rated current	Terminal blocks		End sections	Jumper bars		Marking	
					Color	Order code	Order code	Nb of poles	Order code		
<b>Functional terminal blocks</b>											
M4/6.DD		4 mm² 12 AWG	6 mm <i>0.236 in</i>	20 A 25 A	Grey	1N4007 diode 1SNA115168R2300	1SNA118499R2300	2	1SNA179668R2000	RC610	
		2.5 mm² *						3	1SNA179669R2100		
		4 mm² 12 AWG						4	1SNA179670R2600		
		4 mm² 12 AWG						5	1SNA179671R1300		
M4/6.DD1		4 mm² 12 AWG	6 mm <i>0.236 in</i>	20 A 25 A	Grey	1N4007 diode 1SNA115184R0400	1SNA118499R2300	2	1SNA179668R2000	RC610	
		2.5 mm² *						3	1SNA179669R2100		
		4 mm² 12 AWG						4	1SNA179670R2600		
		4 mm² 12 AWG						5	1SNA179671R1300		
M4/6.DE		4 mm² 12 AWG	6 mm <i>0.236 in</i>	26 A 20 A	Grey	For soldering 1SNA115185R0500	1SNA118499R2300	2	1SNA179668R2000	RC610	
		2.5 mm² *						3	1SNA179669R2100		
		4 mm² 12 AWG						4	1SNA179670R2600		
		4 mm² 12 AWG						5	1SNA179671R1300		
ZS4-SP		4 mm² 10 AWG	5.2 mm <i>0.205 in</i>	20 A 18 A	Grey	+ plug 1SNK505313R0000	1SNK505910R0000			MC512 MC512PA	
		2.5 mm² 12 AWG *									+ plug + test Ø 2 mm / 0.079 in 1SNK505314R0000
		4 mm² 10 AWG									
		4 mm² 10 AWG									
ZS10-SP		10 mm² 6 AWG	8 mm <i>0.315 in</i>	18 A 18 A	Grey	1SNK508316R0000	1SNK505910R0000			MC812 MC812PA	
		6 mm² 12 AWG									
		10 mm² 6 AWG									
		10 mm² 6 AWG									
ZS4-SP-R...		4 mm² 10 AWG	6 mm <i>0.236 in</i>	20 A 20 A	Grey	+ plug 1SNK506313R0000	Closed block			MC612 MC612PA	
		4 mm² 10 AWG *									+ plug + test Ø 2 mm / 0.079 in 1SNK506314R0000
		4 mm² 10 AWG									
		4 mm² 10 AWG									
<b>Component plugs for ZS4-SP..</b>											
PG5	Component insertion in series with circuit		5.2 mm <i>0.205 in</i>		Dark grey	1SNK900401R0000				MC512 MC512PA	
PG5-R1	Equipped with linking bar		5.2 mm <i>0.205 in</i>	18 A 20 A	Orange	1SNK900402R0000				MC512 MC512PA	
<b>Thermocouple terminal blocks</b>											
MTC6		Diameter of conductor: Ø 0.9 - 1.5 mm	6 mm <i>0.236 in</i>		Grey	1SNA115206R2200	1SNA118368R1600			RC610	

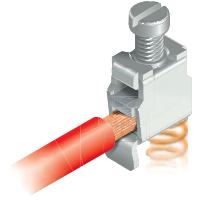
\* Manufacturer value

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Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor

# Terminal blocks

## Safety screw clamp technology



- Our safety terminal blocks are designed to meet power circuit requirements (safe connection of current transformers)
- The spring-loaded terminal provides additional contact safety and continuity.

Type	Function	Cross section IEC UL/CSA	Terminal blocks			End sections	Jumper bars		Marking		
			Spacing	Rated current	Color	Order code	Order code	Nb of poles		Order code	
<b>Safety connection terminal blocks</b>											
M4/6.RS		4 mm <sup>2</sup>	6 mm <i>0.236 in</i>	32 A	Grey	1SNA115930R1300	1SNA116987R0200	2	1SNA176663R0000	RC610	
		2.5 mm <sup>2</sup> *						3	1SNA176664R0100		
		4 mm <sup>2</sup>						4	1SNA176665R0200		
		4 mm <sup>2</sup>						5	1SNA176666R0300		
		4 mm <sup>2</sup>						10	1SNA176667R0400		
M6/8.RS		6 mm <sup>2</sup> 12 AWG (CSA only)	8 mm <i>0.315 in</i>	41 A 25 A (CSA only)	Grey	1SNA115685R1200	1SNA116987R0200	2	1SNA176669R1600	RC810	
		4 mm <sup>2</sup> *						3	1SNA176670R1300		
		10 mm <sup>2</sup> 12 AWG (CSA only)						4	1SNA176671R0000		
		10 mm <sup>2</sup> 12 AWG (CSA only)						5	1SNA176672R0100		
		10 mm <sup>2</sup> 12 AWG (CSA only)						10	1SNA176673R0200		
M10/10.RS		10 mm <sup>2</sup> 6 AWG (CSA only)	10 mm <i>0.394 in</i>	41 A 65 A (CSA only)	Grey	1SNA115320R2700	1SNA114434R0500	2	1SNA164585R1700	RC1010	
		6 mm <sup>2</sup> *						3	1SNA164586R1000		
		6 mm <sup>2</sup> *						4	1SNA164587R1100		
		6 mm <sup>2</sup> *						5	1SNA168273R1100		
		6 mm <sup>2</sup> *						10	1SNA164588R2200		
		6 mm <sup>2</sup> *						20	1SNA177654R0000		
		16 mm <sup>2</sup> 6 AWG (CSA only)							Post + Screw		
		16 mm <sup>2</sup> 6 AWG (CSA only)							1SNA163181R1100		
		16 mm <sup>2</sup> 6 AWG (CSA only)							1SNA163394R2600		
M6/8.STP.RS		6 mm <sup>2</sup> 12 AWG (CSA only)	8 mm <i>0.315 in</i>	24 A 25 A (CSA only)	Grey	1SNA115678R0200	1SNA116991R0600	2	1SNA173888R2000	RC810	
		4 mm <sup>2</sup> *									
		10 mm <sup>2</sup> 12 AWG (CSA only)									
D6/8.ST1.RS		6 mm <sup>2</sup>	8 mm <i>0.315 in</i>	24 A	Grey	+ test Ø 4 mm / 0.157 in 1SNA115831R0400	1SNA215266R0100	2	Sliding switch bridge	RC810	
		4 mm <sup>2</sup> *						3	1SNA199871R2100		
		4 mm <sup>2</sup> *						4	1SNA199872R2200		
		10 mm <sup>2</sup>							1SNA199870R0400		
D6/8.ST.RS		6 mm <sup>2</sup>	8 mm <i>0.315 in</i>	24 A	Grey	1SNA115914R0700	1SNA215266R0100	2	1SNA164581R1300	RC810	
		4 mm <sup>2</sup> *						3	1SNA164582R1400		
		4 mm <sup>2</sup> *						4	1SNA164583R1500		
		4 mm <sup>2</sup> *						5	1SNA164737R2600		
		4 mm <sup>2</sup> *						15	1SNA174788R0400		
		4 mm <sup>2</sup> *						20	1SNA174789R0500		
		10 mm <sup>2</sup>							Post + Screw		
		10 mm <sup>2</sup>							1SNA206394R0200		

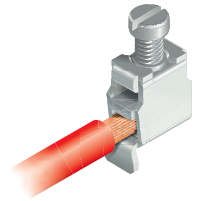
\* Manufacturer value

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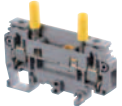




















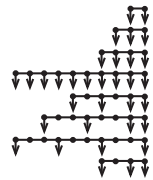
Flexible (IEC) stranded (UL/CSA) conductor - Flexible with insulated ferrule - Rigid conductor

# Terminal blocks

## Screw clamp technology



- Test disconnect terminal blocks make it easier to perform the various operations needed when dealing with power circuits: current & voltage measurements, calibration of equipment and short-circuiting of current transformers.

Type	Cross section IEC UL/CSA	Spacing	Rated current	Terminal blocks		End sections	Jumper bars	Marking	
				Color	Order code	Order code	Nb of poles		Order code
<b>Test disconnect terminal blocks</b>									
 <b>M6/8.ST1.IP20</b>	 6 mm² 8 AWG  6 mm²*	8 mm <i>0.315 in</i>	40 A 30 A	Grey	Supplied with 2 yellow AJS9 test sockets Ø 4 mm / 0.157 in <b>1SNA115971R1000</b>	Grey	End section <b>1SNA113629R2700</b>	Short-circuiting bridge 2 <b>1SNA199871R2100</b> 3 <b>1SNA199872R2200</b> 4 <b>1SNA199870R0400</b>	RC810
	 10 mm² 10 AWG							Lateral jumpers 4/6 <b>1SNA400711R0600</b> 4/8 <b>1SNA400712R0700</b> 4/10 <b>1SNA400713R0000</b> 3/4 <b>1SNA400724R0300</b>	
 <b>M6/8.ST1</b>	 6 mm² 8 AWG  6 mm²*	8 mm <i>0.315 in</i>	40 A 30 A	Grey	Supplied with 2 non insulated test sockets Ø 4 mm / 0.157 in <b>1SNA115237R1000</b>	Grey	End section <b>1SNA113629R2700</b>	Lateral jumpers 2 <b>1SNA116538R1700</b> 3 <b>1SNA116539R1000</b> 4 <b>1SNA116540R2500</b> 10 <b>1SNA163313R2400</b>	RC810
	 10 mm² 10 AWG							Lateral jumpers 4/6 <b>1SNA400711R0600</b> 4/8 <b>1SNA400712R0700</b> 4/10 <b>1SNA400713R0000</b> 3/4 <b>1SNA400724R0300</b>	
 <b>M6/8.ST</b>	 6 mm² 8 AWG  6 mm²*	8 mm <i>0.315 in</i>	40 A 30 A	Grey	<b>1SNA115236R1700</b>	Grey	End section <b>1SNA113629R2700</b>	Test sockets 2 <b>1SNA206680R1500</b> 3 <b>1SNA206681R0200</b> 4 <b>1SNA206682R0300</b> <b>1SNA206683R0400</b>	RC810
	 10 mm² 10 AWG							Lateral jumpers 4/6 <b>1SNA400711R0600</b> 4/8 <b>1SNA400712R0700</b> 4/10 <b>1SNA400713R0000</b> 3/4 <b>1SNA400724R0300</b>	
								Non insulated <b>1SNA206721R0100</b>	
 <b>M6/8.ST7</b>	 6 mm² 8 AWG  6 mm²*	8 mm <i>0.315 in</i>	40 A 30 A	Grey	<b>1SNA115243R2600</b>	Grey	End section <b>1SNA113629R2700</b>	Lateral jumpers 2 <b>1SNA116538R1700</b> 3 <b>1SNA116539R1000</b> 4 <b>1SNA116540R2500</b> 10 <b>1SNA163313R2400</b>	RC810
	 10 mm² 10 AWG							Lateral jumpers 4/6 <b>1SNA400711R0600</b> 4/8 <b>1SNA400712R0700</b> 4/10 <b>1SNA400713R0000</b> 3/4 <b>1SNA400724R0300</b>	
<b>Test sockets for M6/8.ST terminals</b>									
 <b>AJS9...</b>	 Colored insulated Ø 4 mm 0.157 in test sockets compatible with insulated test plug (IEC61100)			Black <b>1SNA206680R1500</b> Green <b>1SNA206681R0200</b> Grey <b>1SNA206682R0300</b> Blue <b>1SNA206683R0400</b> Red <b>1SNA206720R1400</b>					
<b>Sliding switch bridges for M6/8.ST... terminals</b>									
 <b>PCS...</b>				Yellow <b>1SNA199871R2100</b> Yellow <b>1SNA199872R2200</b> Yellow <b>1SNA199870R0400</b>					
<b>Lateral jumpers for M6/8.ST... terminals</b>									
 <b>PC...</b>				Black <b>1SNA116538R1700</b> Black <b>1SNA116539R1000</b> Black <b>1SNA116540R2500</b> Black <b>1SNA163313R2400</b> Black <b>1SNA400711R0600</b> Black <b>1SNA400712R0700</b> Black <b>1SNA400713R0000</b> Black <b>1SNA400724R0300</b>					

\* Manufacturer value

All technical data for UL/CSA standards and dimensions in inches are shown in italic.

 Flexible (IEC) stranded (UL/CSA) conductor -  Flexible with insulated ferrule -  Rigid conductor