

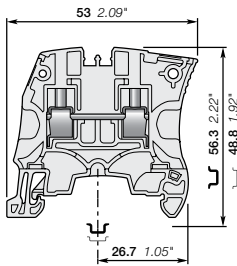
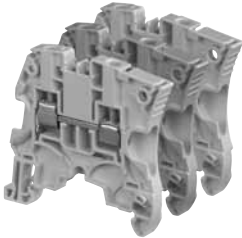
# ZS6 Screw clamp terminal blocks

## Feed-through



Technical Datasheet 1SNK 161 008 D0201

**6 mm 0.236 in spacing**



### Features and Benefits

Save space by connecting conductors up to 6 mm<sup>2</sup> 10 AWG in just 6 mm 0.236 in spacing.

### Ordering Details

Description	Color	Type	Catalog number	Packing pieces	Weight 1 pc (g)
Feed-through	Grey	ZS6	1SNK506010R0000	50	10.64
	Blue	ZS6-BL	1SNK506020R0000	50	10.64
	Orange	ZS6-OR	1SNK506030R0000	50	10.64
	Yellow	ZS6-YL	1SNK506060R0000	50	10.64
	Green	ZS6-GN	1SNK506061R0000	50	10.64
	Red	ZS6-RD	1SNK506062R0000	50	10.64
	Purple	ZS6-PR	1SNK506063R0000	50	10.64
	Brown	ZS6-BR	1SNK506064R0000	50	10.64
	White	ZS6-WH	1SNK506065R0000	50	10.64
	Black	ZS6-BK	1SNK506066R0000	50	10.64

### Main Technical Data

Connecting capacity	IEC	cULus - CSA
1 conductor per clamp	Rigid	0.2-6 mm <sup>2</sup> 24-10 AWG
	Flexible	0.22-6 mm <sup>2</sup> 24-10 AWG
	with non insulated ferrule	0.22-4 mm <sup>2</sup> 24-12 AWG
	with insulated ferrule	0.22-4 mm <sup>2</sup> 24-12 AWG
2 conductors per clamp	Gauge	A4-B3
	Rigid	0.2-2.5 mm <sup>2</sup> 24-14 AWG
	Flexible	0.2-2.5 mm <sup>2</sup> 24-14 AWG
with twin ferrule		0.22-2.5 mm <sup>2</sup> 24-14 AWG
	Rated cross section	6 mm <sup>2</sup> 10 AWG
Rated current	41 A	30 A
Rated short-time withstand current (1s)	720 A	
Short circuit current rating (with specific conditions)		100 kA
Rated voltage	1000 V	600 V
Impulse withstand voltage	8000 V	
Protection	IP20	NEMA 1
Rated voltage Ex e	630 V IEC/EN 60079-7 IM2 II 2 GD Ex e I/II	

### Mounting Instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 4 mm Ø 0.157 in
Torque		0.85 Nm ± 0.15 7.52 lb.in ± 1.33

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### Accessories

Description	Color	Type	Catalog number	Packing pieces	Weight 1 pc (g)	
1 End Stops	Screw; 10mm 0.394 in	BAM3	1SNK900001R0000	50	13.80	
	Screwless; 5.2mm 0.205 in	BAZ1	1SNK900002R0000	50	5.30	
2 End Sections	2.2 mm 0.087 in	ES4	1SNK505910R0000	20	2.18	
	3 Jumper Bars	2 poles 41 A 30 A	JB6-2	1SNK906302R0000	50	1.30
		3 poles	JB6-3	1SNK906303R0000	50	2.10
		4 poles	JB6-4	1SNK906304R0000	50	2.90
		5 poles	JB6-5	1SNK906305R0000	50	3.60
4 Circuit Separators	10 poles	JB6-10	1SNK906310R0000	20	7.40	
	50 poles	JB6-50	1SNK906350R0000	10	38.10	
	0 mm 0 in	CS	1SNK900101R0000	20	0.20	
5 Test Adapters	3 mm 0.118 in	CS-R1	1SNK900103R0000	20	5.20	
	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.73	
	For test plugs DIA 4 mm 0.160 in	TP4	1SNK900205R0000	20	2.42	
6 Test Connectors	End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.23	
7 Spacers	0.8 mm 0.031 in spacing	ES-TC6	1SNK900105R0000	10	0.80	
8 Shield Connectors		SHBS	1SNK900600R0000	20	3.50	
9 Protecting Covers	6 mm 0.236 in spacing	PL6	1SNK900619R0000	10	1.84	
10 Terminal Block Markers	Blank card	MC612	1SNK150000R0000	22	10.00	
	Universal wire markers holder	UMH	1SNK900611R0000	10	0.20	
	Self adhesive strip	SAT6	1SNK900615R0000	5	6.00	

Some accessories may modify the terminal block's ratings. See complete information in "Technical Datasheet".

### Ground Screw Clamp Terminal Blocks

Technical Datasheet 1SNK 161 002 D0201  
Catalogue Page 1SNK 161 002 S0201

Description	Color	Type	Catalog number	Packing pieces	Weight 1 pc (g)
Ground Profile aligned with ZS6	Green-Yellow	ZS6-PE	1SNK506150R0000	20	13.70