

ZS6 screw clamp terminal blocks
Feed-through - 6 mm 0.236 in spacing6 mm²
10 AWG**Description**

Save space by connecting conductors up to 6 mm² (without insulated ferrule, CB certified) 10 AWG in just 6 mm 0.236 in spacing,

– Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

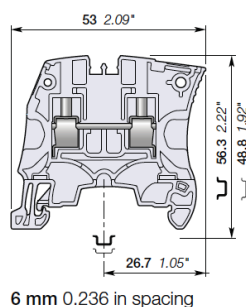
Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pos) g
Feed-through	Grey	ZS6	1SNK506010R0000	50	10.60
	Blue	ZS6-BL	1SNK506020R0000	50	10.60
	Orange	ZS6-OR	1SNK506030R0000	50	10.60
	Yellow	ZS6-YL	1SNK506060R0000	50	10.60
	Green	ZS6-GN	1SNK506061R0000	50	10.60
	Red	ZS6-RD	1SNK506062R0000	50	10.60
	Purple	ZS6-PR	1SNK506063R0000	50	10.60
	Brown	ZS6-BR	1SNK506064R0000	50	10.60
	White	ZS6-WH	1SNK506065R0000	50	10.60
	Black	ZS6-BK	1SNK506066R0000	50	10.60



1SNK506011F0014

ZS6

**Main technical data**

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.2 ... 6 mm ²	24 ... 10 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible without ferrule	0.2 ... 6 mm ²		Wire stripping length	10.5 mm 0.412 in
	Flexible with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG		
	Flexible with insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG		
	Gauge	A4-B3			
2 conductors per clamp	Rigid: Solid/Stranded	0.2 ... 2.5 mm ²	24 ... 14 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible without ferrule	0.2 ... 2.5 mm ²	24 ... 14 AWG		
	Flexible with twin ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG		
Rated current / Rated cross section		41 A / 6 mm ²	30 A / 10 AWG	Torque	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
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		

Increased safety Ex e 693 V 41 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 30 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid: Solid/Stranded, or one Flexible conductor (when applicable) is a mandatory information required by IEC, UL and CSA standards (Copper conductors). All other data are for supplementary information only. For more details, please consult our CB, UL or CSA certificates and technical datasheet available on <http://www.TE.com>

**Accessories**

Description	Color	Type	Part Number	Pkg qty	Weight (1 pos) g
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Jumper bars	Orange	JB6-2	1SNK906302R0000	50	1.30
		JB6-3	1SNK906303R0000	50	2.10
		JB6-4	1SNK906304R0000	50	2.90
		JB6-5	1SNK906305R0000	50	3.60
		JB6-10	1SNK906310R0000	20	7.40
		JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	Dark grey	CS	1SNK900101R0000	20	0.20
	Dark grey	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	TP2	1SNK900203R0000	20	1.70
	Dark grey	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80
9 Shield connectors	Dark grey	SHBS	1SNK900600R0000	20	3.50
10 Protecting covers	Transparent	PL6	1SNK900619R0000	10	1.80
11 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC612	1SNK150000R0000	22	10.00
		MC612PA	1SNK159999R0000	20	11.00
	Grey	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.

Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Ground screw clamp terminal blocks

Description	Color	Type	Part Number	Pkg qty	Weight (1 pos) g
Ground	Green-yellow	ZS6-PE	1SNK506150R0000	20	13.70

Technical data valid for copper conductors only.

