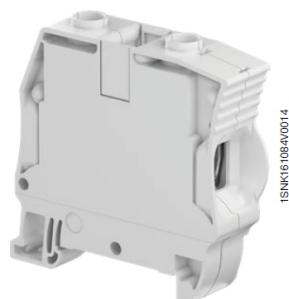
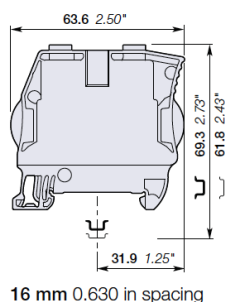


ZS50 screw clamp terminal blocks

Feed-through - 16 mm 0.630 in spacing



ZS50



Description

Combine high performance with compact dimensions:

- Connect conductors up to 50 mm² (CB certified) 0 AWG in just 16 mm 0.630 in spacing,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL,
- Closed terminal block: no end section needed, optimized rigidity.

Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through Closed block ART. 25/02065-00 ART. 25/02066-00	Grey	ZS50	1SNK516011R0000	20	52.90
	Blue	ZS50-BL	1SNK516021R0000	20	52.90
	Yellow	ZS50-YL	1SNK516060R0000	20	52.90
	Red	ZS50-RD	1SNK516063R0000	20	52.90
	Black	ZS50-BK	1SNK516064R0000	20	52.90

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	1 ... 50 mm ²	18 ... 0 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible without ferrule	1 ... 50 mm ²	18 ... 0 AWG	Wire stripping length	17 mm 0.669 in
	Flexible with non insulated ferrule	1 ... 50 mm ²	18 ... 0 AWG	Tool	Flat screwdriver Ø 6.5 mm Ø 0.256 in
	Flexible with insulated ferrule	1 ... 50 mm ²	18 ... 0 AWG		
	Gauge	Dia. 11		Torque	3 Nm ± 0.50 26.6 lb.in ± 4.43
2 conductors per clamp	Rigid: Solid/Stranded	1 ... 25 mm ²	18 ... 4 AWG		
	Flexible without ferrule	1 ... 25 mm ²	18 ... 4 AWG		
	Flexible with twin ferrule	1 ... 16 mm ²	18 ... 4 AWG		
Rated current / Rated cross section		150 A / 50 mm ²	140 A / 0 AWG		
Rated short-time withstand current (1s)		6000 A			
Short Circuit Current Rating (with specific conditions)			100 kA		
Rated voltage		1000 V	1000 V		
Impulse withstand voltage		8000 V			
Protection		IP10	NEMA 1		

Increased safety Ex e 880 V 150 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC

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 provided as 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 pce) g
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00
2 Jumper bars	Orange	JB16-2	1SNK916302R0000	10	10.00
		JB16-3	1SNK916303R0000	10	16.00
		JB16-4	1SNK916304R0000	10	22.00
		JB16-5	1SNK916305R0000	10	28.00
		JB16-10	1SNK916310R0000	10	56.60
3 Terminal block markers	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		MC812	1SNK160000R0000	22	10.00
		MC812PA	1SNK169999R0000	20	14.00
	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 pce) g
Ground Profile aligned with ZS50	Green-yellow	ZS50-PE	1SNK516151R0000	20	83.00

Technical data valid for copper conductors only.