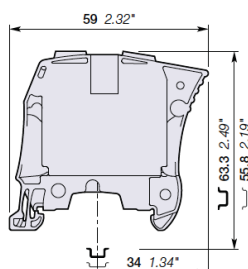


ZS35 screw clamp terminal blocks

Feed-through - 16 mm 0.630 in spacing



ZS35



16 mm 0.630 in spacing

Description

Closed terminal block:

- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through Closed block	Grey	ZS35	1SNK516010R0000	20	53.40
	Blue	ZS35-BL	1SNK516020R0000	20	53.40
	Orange	ZS35-OR	1SNK516030R0000	20	53.40

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid: Solid/Stranded	6 ... 35 mm²	10 ... 0 AWG
	Flexible without ferrule	6 ... 35 mm²	
	Flexible with non insulated ferrule	4 ... 35 mm²	10 ... 2 AWG
	Flexible with insulated ferrule	4 ... 35 mm²	10 ... 2 AWG
Gauge		A9-B9	
2 conductors per clamp	Rigid: Solid/Stranded	6 ... 16 mm²	10 ... 6 AWG
	Flexible without ferrule	6 ... 16 mm²	
	Flexible with twin ferrule	4 ... 10 mm²	12 ... 8 AWG
Rated current / Rated cross section		125 A / 35 mm²	150 A / 0 AWG
Rated short-time withstand current (1s)		4200 A	
Short Circuit Current Rating (with specific conditions)			100 kA
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP10	NEMA 1
Increased safety Ex e		693 V 125 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 150 A UL 60079-7 - Class I, Zone 1, AEx e II	

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		17 mm 0.669 in
Tool		Flat screwdriver Ø 6.5 mm Ø 0.256 in
Torque		2.9 Nm ± 0.1 25.7 lb.in ± 0.885

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>

CE	UL CB	RoHS	USR	CSA	EAC Ex	ATEX	IECEX	BR-Ex e II	Haz Loc	BV	DNV	Rina
----	-------	------	-----	-----	--------	------	-------	------------	---------	----	-----	------

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	2 poles 125 A (IEC)	JB16-2	10	10.00
		3 poles 125 A (IEC)	JB16-3	10	16.00
		4 poles 125 A (IEC)	JB16-4	10	22.00
		5 poles 125 A (IEC)	JB16-5	10	28.00
		10 poles 125 A (IEC)	JB16-10	10	56.60
			1SNK916305R0000	10	56.60
3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20	5.20
4 Protecting covers	Transparent	PL16	1SNK900622R0000	10	4.60
5 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1680	0.27
		Blank card	MC812	22	10.00
			MC812PA	20	14.00
		Universal wire markers holder	UMH	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 ZS35	Green-yellow	ZS35-PE	1SNK516150R0000	20	81.80

Technical data valid for copper conductors only.