

ZS70 screw clamp terminal blocks

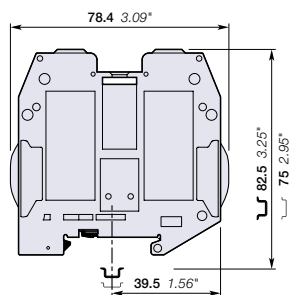
Feed-through - 22 mm 0.866 in spacing



70 mm²
00 AWG



ZS70



22 mm 0.866 in spacing

Description

Closed terminal block:

- No end section needed,
- Optimized rigidity,
- Perfectly adapted to solar applications: 1250 V DC (1000 V AC) IEC and 1000 V UL.

Ordering details

Description	Color	Type	Order code	Pkg qty	Weight (1 pce) g
Feed-through Closed block	Grey	ZS70	1SNK522010R0000	10	158.10
	Blue	ZS70-BL	1SNK522020R0000	10	158.10
	Yellow	ZS70-YL	1SNK522060R0000	10	158.10

Main technical data

Connecting capacity	IEC	UL - CSA	Mounting instructions
1 conductor per clamp	Rigid - Solid / Stranded	16 ... 95 mm ²	Rail TH 35-7.5, TH 35-15
	Flexible	16 ... 70 mm ²	Wire stripping length 25 mm 0.984 in
	with non insulated ferrule	16 ... 50 mm ²	
	with insulated ferrule	16 ... 50 mm ²	
2 conductors per clamp	Rigid - Solid / Stranded	16 ... 35 mm ²	Tool Allen key Ø 6 mm Ø 0.236 in
	Flexible	16 ... 35 mm ²	
	with twin ferrule	16 mm ²	Torque 6.5 Nm ± 0.5 57.5 lb.in ± 4.43
Rated current / Rated cross section	192 A / 70 mm ²	159 A / 00 AWG	
Rated short-time withstand current (1s)	8400 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 693 V 192 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/IIIC - 600 V 159 A UL 60079-7 - Class I, Zone 1, AEx e II, Ex e II U

The connecting capacity data for one Rigid - Solid / Stranded - 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.ABB.com>

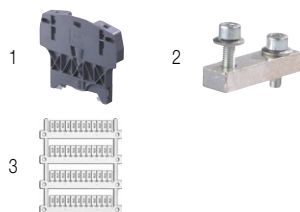


Accessories

Description	Color	Type	Order code	Pkg qty	Weight (1 pce) g	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 Jumper bars		2 poles 192 A (IEC)	JB22-2	1SNK922302R0000	5	27.00
		3 poles 192 A (IEC)	JB22-3	1SNK922303R0000	5	43.30
		5 poles 192 A (IEC)	JB22-5	1SNK922305R0000	5	76.10
		10 poles 192 A (IEC)	JB22-10	1SNK922310R0000	5	157.40
3 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
	Universal wire markers holder	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	Order code	Pkg qty	Weight (1 pce) g
Ground Profile aligned with ZS70	Green-yellow	ZS70-PE	1SNK522150R0000	10	222.00

All the technical data for UL/CSA standard and dimensions in inches are in *italics*.

Technical data valid for copper conductors only.

