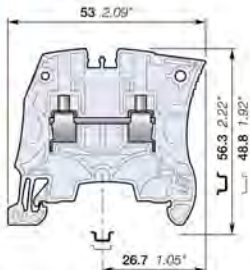


ZS4 screw clamp terminal blocks

Feed-through - 5.2 mm 0.205 in spacing



ZS4



5.2 mm 0.205 in spacing

Description

- Save space by connecting conductors up to 4 mm² (without insulated ferrule, CB certified) 12 AWG in just 5.2 mm 0.205 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 pce)
Feed-through	Grey	ZS4	1SNK505010R0000	50	8.80
	Blue	ZS4-BL	1SNK505020R0000	50	8.80
	Orange	ZS4-OR	1SNK505030R0000	50	8.80
	Yellow	ZS4-YL	1SNK505060R0000	50	8.80
	Green	ZS4-GN	1SNK505061R0000	50	8.80
	Red	ZS4-RD	1SNK505062R0000	50	8.80
	Purple	ZS4-PR	1SNK505063R0000	50	8.80
	Brown	ZS4-BR	1SNK505064R0000	50	8.80
	White	ZS4-WH	1SNK505065R0000	50	8.80
	Black	ZS4-BK	1SNK505066R0000	50	8.80

Main technical data

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid: Solid/Stranded	0.2 ... 4 mm ²	24 ... 12 AWG	
	Flexible without ferrule	0.22 ... 4 mm ²	24 ... 12 AWG	10.5 mm
	Flexible with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG	0.412 in
	Flexible with insulated ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG	
Gauge	A3-B3			
2 conductors per clamp	Rigid: Solid/Stranded	0.2 ... 1.5 mm ²	24 ... 16 AWG	
	Flexible without ferrule	0.2 ... 1.5 mm ²	24 ... 16 AWG	Flat screwdriver
	Flexible with twin ferrule	0.22 ... 1.5 mm ²	24 ... 16 AWG	Ø 3.5 mm
Rated current / Rated cross section	32 A / 4 mm ²		20 A / 12 AWG	Ø 0.138 in
Rated short-time withstand current (1s)	480 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 32 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/II C - 600 V 20 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 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)	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End stops	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	JB5-2	1SNK905302R0000	50	1.30
		3 poles	JB5-3	1SNK905303R0000	50	2.00
		4 poles	JB5-4	1SNK905304R0000	50	2.70
		5 poles	JB5-5	1SNK905305R0000	50	3.50
		10 poles	JB5-10	1SNK905310R0000	30	7.10
50 poles	JB5-50	1SNK905350R0000	10	36.00		
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Shield connectors		SHBS	1SNK900600R0000	20	3.50	
9 Protecting covers	Transparent	PL5	1SNK900618R0000	10	1.50	
10 Terminal block markers	White	Blank marker	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card	MC512	1SNK140000R0000	22	9.00
			MC512PA	1SNK149999R0000	20	10.00
		Universal wire markers holder	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)
Ground	Green-yellow	ZS4-PE	1SNK505150R0000	20	12.10

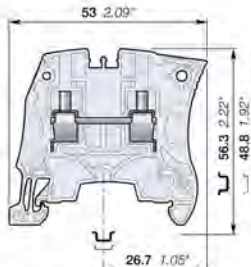
Technical data valid for copper conductors only.

ZS6 screw clamp terminal blocks

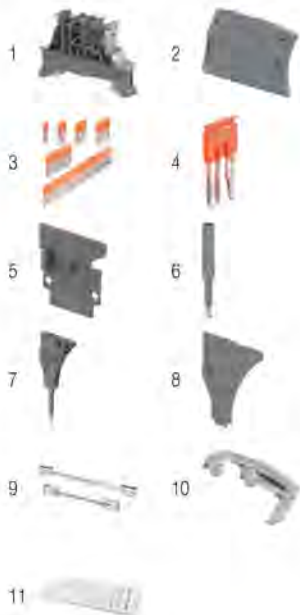
Feed-through - 6 mm 0.236 in spacing



ZS6



6 mm 0.236 in spacing



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 pce) 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

Main technical data

Connecting capacity	IEC	UL - CSA	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid: Solid/Stranded	0.2 ... 6 mm ²	24 ... 10 AWG	Wire stripping length
	Flexible without ferrule	0.2 ... 6 mm ²		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	
2 conductors per clamp	Gauge	A4-B3		
	Rigid: Solid/Stranded	0.2 ... 2.5 mm ²	24 ... 14 AWG	Tool
	Flexible without ferrule	0.2 ... 2.5 mm ²	24 ... 14 AWG	Flat screwdriver Ø 4 mm Ø 0.157 in
Rated current / Rated cross section		41 A / 6 mm ²	30 A / 10 AWG	
Rated short-time withstand current (1s)	720 A			Torque
Short Circuit Current Rating (with specific conditions)			100 kA	0.85 Nm ± 0.15 7.52 lb.in ± 1.33
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/II/III - 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 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	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	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
		10 poles	JB6-10	1SNK906310R0000	20	7.40
		50 poles	JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80	
9 Shield connectors		SHBS	1SNK900600R0000	20	3.50	
10 Protecting covers	Transparent	PL6	1SNK900619R0000	10	1.80	
11 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
			MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	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	Green-yellow	ZS6-PE	1SNK506150R0000	20	13.70

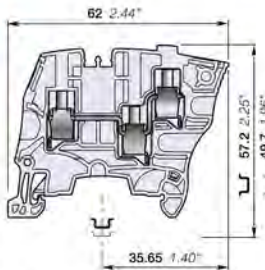
Technical data valid for copper conductors only.

ZS6-3S screw clamp terminal blocks

Feed-through with 3 connections - 6 mm 0.236 in spacing



ZS6-3S



6 mm 0.236 in spacing

Description

- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp,
- These blocks offer a high density connecting capacity (up to 3 connections) in a low profile and just 6 mm 0.236 in spacing.

Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS6-3S	1SNK506011R0000	50	11.80
	Blue	ZS6-3S-BL	1SNK506021R0000	50	11.80
	Yellow	ZS6-3S-YL	1SNK506067R0000	50	11.80

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	0.22 ... 6 mm ²		Wire stripping length	10.5 mm 0.413 in
	Flexible with non insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG	Tool	Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible with insulated ferrule	0.22 ... 4 mm ²	24 ... 12 AWG		
2 conductors per clamp	Gauge	A4-B3		Torque	0.75 Nm ± 0.05 6.64 lb.in ± 0.443
	Rigid: Solid/Stranded	0.2 ... 2.5 mm ²	24 ... 14 AWG		
	Flexible without ferrule	0.2 ... 2.5 mm ²	24 ... 14 AWG		
Rated current / Rated cross section		32 A / 4 mm ²	30 A / 10 AWG		
Maximum current / Maximum cross section		39 A / 6 mm ²			
Rated short-time withstand current (1s)		480 A			
Short Circuit Current Rating (with specific conditions)			100 kA 600 V		
Rated voltage		800 V			
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		550 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 30 A			

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	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES6-3S	1SNK505912R0000	20	2.50	
3 Jumper bars	Orange	2 poles 41 A (IEC)	JB6-2	1SNK906302R0000	50	1.30
		3 poles 41 A (IEC)	JB6-3	1SNK906303R0000	50	2.10
		4 poles 41 A (IEC)	JB6-4	1SNK906304R0000	50	2.90
		5 poles 41 A (IEC)	JB6-5	1SNK906305R0000	50	3.60
		10 poles 41 A (IEC)	JB6-10	1SNK906310R0000	20	7.40
50 poles 41 A (IEC)		JB6-50	1SNK906350R0000	10	38.10	
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm 0 in	CS	1SNK900101R0000	20	0.20
		3 mm 0.118 in	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	0.8 mm 0.031 in	ES-TC6	1SNK900105R0000	10	0.80
		Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank card	MC612	1SNK150000R0000	22	10.00
9 Terminal block markers	White		MC612PA	1SNK159999R0000	20	11.00
		Universal wire markers holder	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	Green-yellow	ZS6-3S-PE	1SNK506151R0000	25	16.20

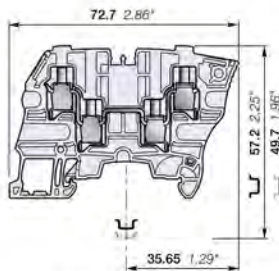
Technical data valid for copper conductors only.

ZS6-4S screw clamp terminal blocks

Feed-through with 4 connections - 6 mm 0.236 in spacing



ZS6-4S



6 mm 0.236 in spacing

Description

- High density wiring (one potential distribution on 4 independent screw clamps) in a very low profile and just 6 mm 0.236 in spacing,
- Recommended for energy markets and highly demanding applications requiring that only one conductor be connected per clamp.

Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS6-4S	1SNK506012R0000	50	15.00
	Blue	ZS6-4S-BL	1SNK506022R0000	50	15.00
	Yellow	ZS6-4S-YL	1SNK506068R0000	50	15.00

Main technical data

Connecting capacity		IEC	UL - CSA	Rail	
1 conductor per clamp	Rigid: Solid/Stranded	0.2 ... 6 mm ²	24 ... 10 AWG	Wire stripping length	TH 35-7.5, TH 35-15
	Flexible without ferrule	0.22 ... 6 mm ²			10.5 mm 0.413 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			
	Flexible with twin ferrule	0.22 ... 2.5 mm ²	24 ... 14 AWG		
Rated current / Rated cross section		32 A / 4 mm ²	30 A / 10 AWG		
Maximum current / Maximum cross section		39 A / 6 mm ²			
Rated short-time withstand current (1s)		480 A		Torque	0.75 Nm ± 0.05 6.64 lb.in ± 0.443
Short Circuit Current Rating (with specific conditions)			100 kA 600 V		
Rated voltage		800 V	600 V		
Impulse withstand voltage		8000 V			
Protection		IP20	NEMA 1		
Increased safety Ex e		550 V 29 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/IIIC - 600 V 30 A			

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	BAM4	1SNK900001R0000	50	14.00		
2 End sections	Dark grey	ES6-4S	1SNK505911R0000	20	3.10		
3 Jumper bars	Orange	2 poles	41 A (IEC)	JB6-2	1SNK906302R0000	50	1.30
		3 poles	41 A (IEC)	JB6-3	1SNK906303R0000	50	2.10
		4 poles	41 A (IEC)	JB6-4	1SNK906304R0000	50	2.90
		5 poles	41 A (IEC)	JB6-5	1SNK906305R0000	50	3.60
		10 poles	41 A (IEC)	JB6-10	1SNK906310R0000	20	7.40
		50 poles	41 A (IEC)	JB6-50	1SNK906350R0000	10	38.10
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80		
5 Circuit separators	Dark grey	0 mm	0 in	CS	1SNK900101R0000	20	0.20
		3 mm	0.118 in	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70	
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40	
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20	
8 Spacers	Dark grey	ES-TC6	1SNK900105R0000	10	0.80		
9 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1SNB041791R0612	1680	0.27	
		Blank card	MC612	1SNK150000R0000	22	10.00	
			MC612PA	1SNK159999R0000	20	11.00	
		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	Part Number	Pkg qty	Weight (1 pce) g
Ground	Green-yellow	ZS6-4S-PE	1SNK506152R0000	25	19.40

Technical data valid for copper conductors only.

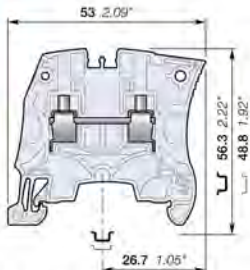


ZS10 screw clamp terminal blocks

Feed-through - 8 mm 0.315 in spacing



ZS10



8 mm 0.315 in spacing

Description

- Save space by connecting conductors up to 10 mm² (without insulated ferrule, CB certified) 6 AWG in just 8 mm 0.315 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 pce)
Feed-through	Grey	ZS10	1SNK508010R0000	50	14.10
	Blue	ZS10-BL	1SNK508020R0000	50	14.10
	Orange	ZS10-OR	1SNK508030R0000	50	14.10
	Yellow	ZS10-YL	1SNK508060R0000	50	14.10
	Green	ZS10-GN	1SNK508061R0000	50	14.10
	Red	ZS10-RD	1SNK508062R0000	50	14.10
	Purple	ZS10-PR	1SNK508063R0000	50	14.10
	Brown	ZS10-BR	1SNK508064R0000	50	14.10
	White	ZS10-WH	1SNK508065R0000	50	14.10
	Black	ZS10-BK	1SNK508066R0000	50	14.10

Main technical data

Connecting capacity		IEC	UL - CSA	Rail	Wire stripping length	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 10 mm ²	24 ... 6 AWG	Tool		12 mm 0.472 in
	Flexible without ferrule	0.5 ... 10 mm ²	24 ... 8 AWG			
	Flexible with non insulated ferrule	0.5 ... 10 mm ²	24 ... 8 AWG			
	Flexible with insulated ferrule	0.5 ... 6 mm ²	24 ... 10 AWG			
	Gauge	A5-B5				
2 conductors per clamp	Rigid: Solid/Stranded	0.5 ... 4 mm ²	20 ... 12 AWG	Torque		Flat screwdriver Ø 4 mm Ø 0.157 in
	Flexible without ferrule	0.5 ... 4 mm ²	20 ... 12 AWG			
	Flexible with twin ferrule	0.5 ... 4 mm ²	20 ... 12 AWG			
Rated current / Rated cross section		57 A / 10 mm ²	42 A / 6 AWG	1.3 Nm ± 0.3 11.5 lb.in ± 2.65		
Rated short-time withstand current (1s)		1200 A				
Short Circuit Current Rating (with specific conditions)			100 kA			
Rated voltage		1000 V	600 V			
Impulse withstand voltage		8000 V				
Protection			NEMA 1			
Increased safety Ex e		693 V 57 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb IIIIC - 600 V 42 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 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)	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	JB8-2	1SNK908302R0000	50	2.70
		3 poles	JB8-3	1SNK908303R0000	50	4.10
		4 poles	JB8-4	1SNK908304R0000	50	5.60
		5 poles	JB8-5	1SNK908305R0000	40	7.00
		10 poles	JB8-10	1SNK908310R0000	20	14.20
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Test connectors	Dark grey	5.2 mm 0.205 in spacing	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in	TC5-R1	1SNK900201R0000	10	5.20
8 Spacers	Dark grey	ES-TC8	1SNK900104R0000	10	1.40	
9 Protecting covers	Transparent	PL8	1SNK900620R0000	10	2.60	
10 Terminal block markers	White	Blank marker	MG-CPM 13 41791	1680	0.27	
		Blank card	MC812	1SNK160000R0000	22	10.00
			MC812PA	1SNK169999R0000	20	14.00
		Universal wire markers holder	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)
Ground	Green-yellow	ZS10-PE	1SNK508150R0000	20	22.50

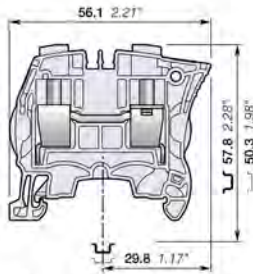
Technical data valid for copper conductors only.

ZS16 screw clamp terminal blocks

Feed-through - 10 mm 0.394 in spacing



ZS16



10 mm 0.394 in spacing

Description

- Save space by connecting conductors up to 16 mm² (without insulated ferrule, CB certified) 4 AWG in just 10 mm 0.394 in spacing,
- Perfectly adapted to solar applications: voltage is rated 1000 V AC / DC IEC.

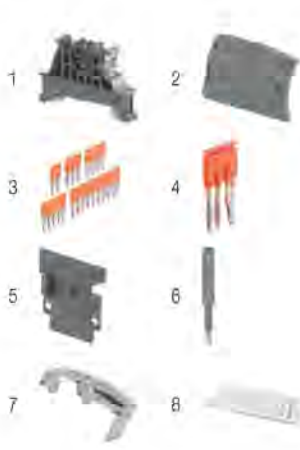
Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through	Grey	ZS16	1SNK510010R0000	25	20.20
	Blue	ZS16-BL	1SNK510020R0000	25	20.20
	Orange	ZS16-OR	1SNK510030R0000	25	20.20

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 16 mm ²	24 ... 4 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible without ferrule	0.5 ... 16 mm ²	24 ... 4 AWG		
	Flexible with non insulated ferrule	0.5 ... 16 mm ²	24 ... 4 AWG	Wire stripping length	13.5 mm 0.531 in
	Flexible with insulated ferrule	0.5 ... 10 mm ²	24 ... 8 AWG		
	Gauge	A6-B6			
2 conductors per clamp	Rigid: Solid/Stranded	0.5 ... 6 mm ²	20 ... 10 AWG	Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
	Flexible without ferrule	0.5 ... 6 mm ²	20 ... 10 AWG		
	Flexible with twin ferrule	0.5 ... 6 mm ²	20 ... 10 AWG		
Rated current / Rated cross section		76 A / 16 mm ²	67 A / 4 AWG	Torque	1.8 Nm ± 0.2 15.9 lb.in ± 1.77
Rated short-time withstand current (1s)		1920 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 76 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb I/IIIC - 600 V 67 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 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	10 mm 0.394 in	Dark grey	BAM4	1SNK900001R0000	50	14.00
2 End sections	2.2 mm 0.087 in	Dark grey	ES4	1SNK505910R0000	20	2.20
3 Jumper bars	2 poles 76 A (IEC)	Orange	JB10-2	1SNK910302R0000	50	4.60
	3 poles 76 A (IEC)		JB10-3	1SNK910303R0000	50	7.10
	4 poles 76 A (IEC)		JB10-4	1SNK910304R0000	40	9.40
	5 poles 76 A (IEC)		JB10-5	1SNK910305R0000	30	12.00
	10 poles 76 A (IEC)		JB10-10	1SNK910310R0000	20	24.00
4 Cross spacing jumpers	3 poles 32 A (IEC)	Orange	JB85-3	1SNK900603R0000	10	2.80
5 Circuit separators	0 mm 0 in	Dark grey	CS	1SNK900101R0000	20	0.20
	3 mm 0.118 in		CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	For test plugs DIA 2 mm 0.079 in	Dark grey	TP2	1SNK900203R0000	20	1.70
	For test plugs DIA 4 mm 0.157 in		TP4	1SNK900205R0000	20	2.40
7 Protecting covers	10 mm 0.394 in spacing	Transparent	PL10	1SNK900621R0000	10	3.10
8 Terminal block markers	Blank marker	White	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
	Blank card		MCB12	1SNK160000R0000	22	10.00
			MCB12PA	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	Part Number	Pkg qty	Weight (1 pce) g
Ground Profile aligned with ZS16	Green-yellow	ZS16-PE	1SNK510150R0000	20	32.00

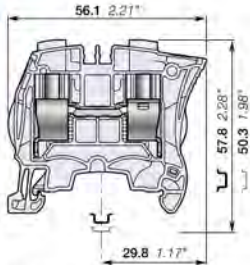
Technical data valid for copper conductors only.

ZS25 screw clamp terminal blocks

Feed-through - 12 mm 0.472 in spacing



ZS25



12 mm 0.472 in spacing

Description

- Save space by connecting conductors up to 25 mm² (without insulated ferrule, CB certified) 3 AWG in just 12 mm 0.472 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 pce)
Feed-through	Grey	ZS25	1SNK512010R0000	25	21.40
	Blue	ZS25-BL	1SNK512020R0000	25	21.40
	Yellow	ZS25-YL	1SNK512060R0000	25	21.40

Main technical data

Connecting capacity		IEC	UL - CSA	Mounting instructions	
1 conductor per clamp	Rigid: Solid/Stranded	0.5 ... 25 mm ²	24 ... 3 AWG	Rail	TH 35-7.5, TH 35-15
	Flexible without ferrule	0.5 ... 25 mm ²		Wire stripping length	13.5 mm 0.531 in
	Flexible with non insulated ferrule	0.5 ... 16 mm ²	24 ... 4 AWG	Tool	Flat screwdriver Ø 5.5 mm Ø 0.217 in
	Flexible with insulated ferrule	0.5 ... 16 mm ²	24 ... 8 AWG		
	Gauge	A6-B6			
2 conductors per clamp	Rigid: Solid/Stranded	0.5 ... 10 mm ²	20 ... 10 AWG	Torque	1.8 Nm ± 0.2 15.9 lb.in ± 1.77
	Flexible without ferrule	0.5 ... 10 mm ²			
	Flexible with twin ferrule	0.5 ... 10 mm ²	20 ... 10 AWG		
Rated current / Rated cross section		76 A / 16 mm ²	100 A / 3 AWG		
Maximum current / Maximum cross section		101 A / 25 mm ²			
Rated short-time withstand current (1s)		1920 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 69 A IEC/EN 60079-7 - IM2 II 2 GD Ex eb III/IIc - 600 V 100 A			

The other 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)	
1 End stops	Dark grey	BAM4	1SNK900001R0000	50	14.00	
2 End sections	Dark grey	ES4	1SNK505910R0000	20	2.20	
3 Jumper bars	Orange	2 poles	JB12-2	1SNK912302R0000	50	4.90
		3 poles	JB12-3	1SNK912303R0000	50	7.60
		5 poles	JB12-5	1SNK912305R0000	20	12.90
4 Cross spacing jumpers	Orange	JB85-3	1SNK900603R0000	10	2.80	
5 Circuit separators	Dark grey	0 mm	CS	1SNK900101R0000	20	0.20
		3 mm	CS-R1	1SNK900103R0000	20	5.20
6 Test adapters	Dark grey	For test plugs DIA 2 mm 0.079 in	TP2	1SNK900203R0000	20	1.70
		For test plugs DIA 4 mm 0.157 in	TP4	1SNK900205R0000	20	2.40
7 Protecting covers	Transparent	PL10	1SNK900621R0000	10	3.10	
8 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

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)
Ground	Green-yellow	ZS25-PE	1SNK512150R0000	20	38.00

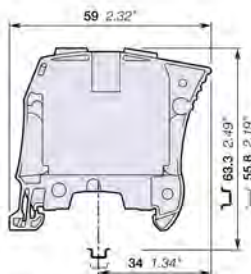
Technical data valid for copper conductors only.

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)
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	Rail	TH 35-7.5, TH 35-15
1 conductor per clamp	Rigid: Solid/Stranded	6 ... 35 mm ²	10 ... 0 AWG	Wire stripping length	17 mm 0.669 in
	Flexible without ferrule	6 ... 35 mm ²			
	Flexible with non insulated ferrule	4 ... 35 mm ²	10 ... 2 AWG		
	Flexible with insulated ferrule	4 ... 35 mm ²	10 ... 2 AWG		
2 conductors per clamp	Rigid: Solid/Stranded	6 ... 16 mm ²	10 ... 6 AWG	Tool	Flat screwdriver Ø 6.5 mm Ø 0.256 in
	Flexible without ferrule	6 ... 16 mm ²			
	Flexible with twin ferrule	4 ... 10 mm ²	12 ... 8 AWG		
Gauge		A9-B9		Torque	2.9 Nm ± 0.1 25.7 lb.in ± 0.885
Rated current / Rated cross section		125 A / 35 mm ²	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/II/III C - 600 V 150 A UL 60079-7 - Class I, Zone 1, AEx e II			

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)	
1 End stops	Dark grey	BAZH1	1SNK900102R0000	20	24.00	
2 Jumper bars	Orange	2 poles	JB16-2	1SNK916302R0000	10	10.00
		3 poles	JB16-3	1SNK916303R0000	10	16.00
		4 poles	JB16-4	1SNK916304R0000	10	22.00
		5 poles	JB16-5	1SNK916305R0000	10	28.00
		10 poles	JB16-10	1SNK916310R0000	10	56.60
		3 Circuit separators	Dark grey	CS-R1	1SNK900103R0000	20
4 Protecting covers	Transparent	PL16	1SNK900622R0000	10	4.60	
5 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

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)
Ground Profile aligned with ZS35	Green-yellow	ZS35-PE	1SNK516150R0000	20	81.80

Technical data valid for copper conductors only.