4

TE
connectivity

The SNK series pluggable terminal blocks combine the benefits of our smart connections with the flexibility of the pluggable function.

PI-Spring Pluggable

PI-Spring Pluggable

Pluggable Pluggable
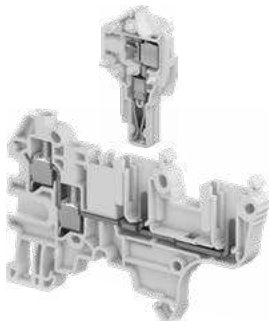
Speed up your projects

Modularity brings assembly flexibility
Pluggable technology brings modularity into the electrical installation allowing the combination of sub-assemblies and prewired harnesses that facilitate and considerably accelerate assembly test and factory commissioning.

Better project identification
– Circuit identification is improved thanks to the 20% larger marking area

– Pre-mark by hand or with label on our flat marking surface and start immediately the wiring, before the final markers mounting

– Spare markers re-printing in case of modifications.

Clear circuit identification

Screw clamp Pluggable

TESTED

1
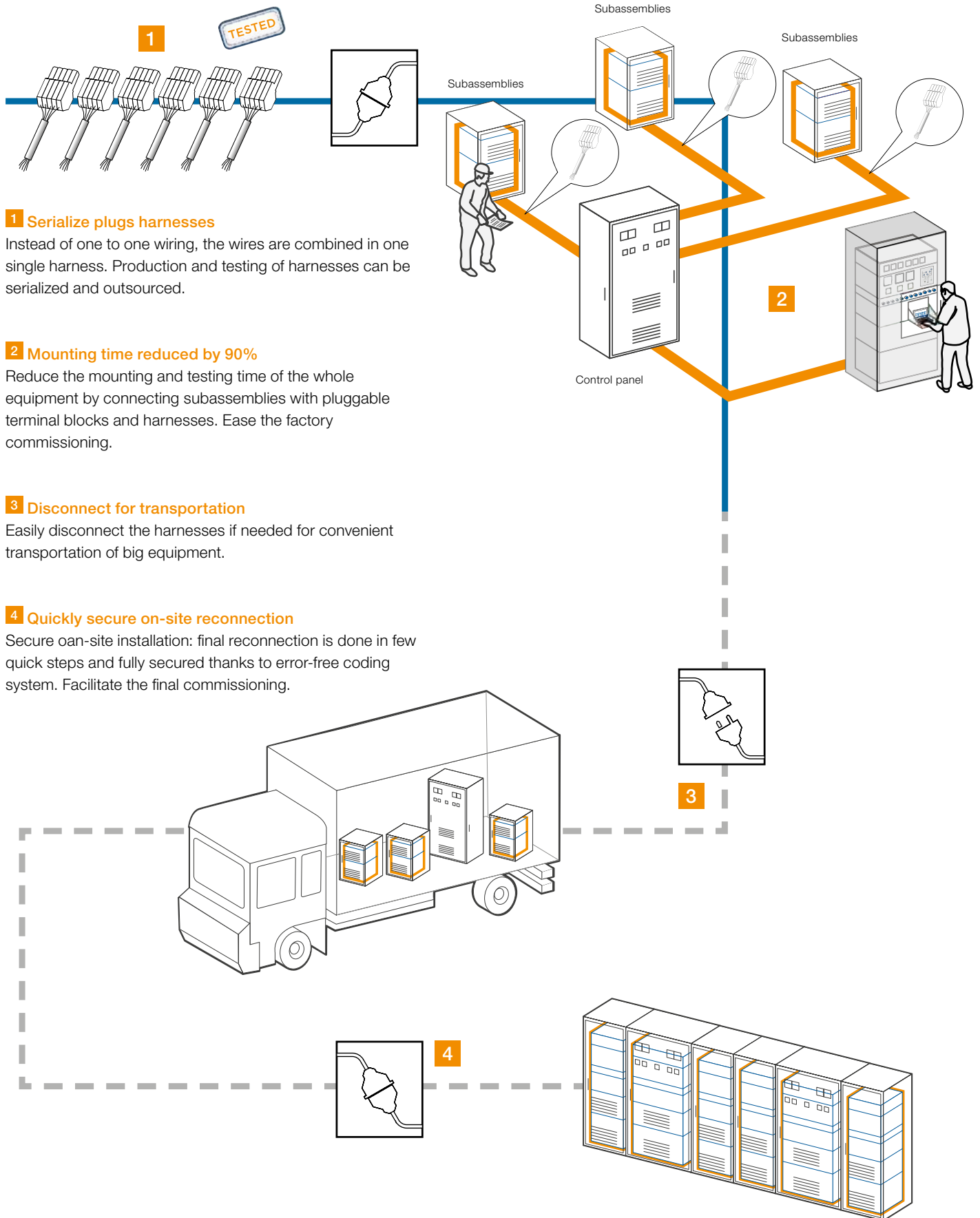
1 Serialize plugs harnesses
Instead of one to one wiring, the wires are combined in one single harness. Production and testing of harnesses can be serialized and outsourced.

2 Mounting time reduced by 90%
Reduce the mounting and testing time of the whole equipment by connecting subassemblies with pluggable terminal blocks and harnesses. Ease the factory commissioning.

3 Disconnect for transportation
Easily disconnect the harnesses if needed for convenient transportation of big equipment.

4 Quickly secure on-site reconnection
Secure oan-site installation: final reconnection is done in few quick steps and fully secured thanks to error-free coding system. Facilitate the final commissioning.

Subassemblies

Subassemblies

Subassemblies

Control panel

2

3

4

4

TE connectivity

Easy to install

Smart design facilitating assembly process
Mounting, wiring, testing… made easy.

Create your own assemblies without tooling:
– Easily snap together multiple plugs
– Eliminate stock of pre-configured plugs.
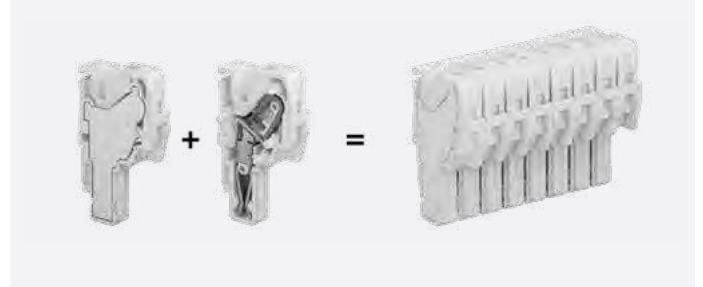
Only two plug variants are required to compose harnesses up to 15 poles

Some plugs feature a jumper channel and/or 2 connections that ease the signal distribution or wiring daisy chaining of subassemblies.

Easy signal distribution on plugs

Safety and protection
Eliminate connection errors with coding pegs:

– Simply insert the pegs to create a coding sequence.

Secure your wiring against accidental tearing:
– Automatic locking function
– Lock safely 2 to 8 plugs with only one locking device
– Cable clamp secures the wires onto the plug when pulling the plug assembly.

Convenient coding pegs

Cable clamp & locking device

1SNK164014S0201 - Rev. A

Faster accessories mounting

Save up to 70% mounting time thanks to:

– Screwless jumpers, component plugs, test devices, end stops and snap-in ground terminal blocks.

Closed jumper location allows great stiffness of the terminal block, avoid deflection while tightening and optimal jumper guiding.
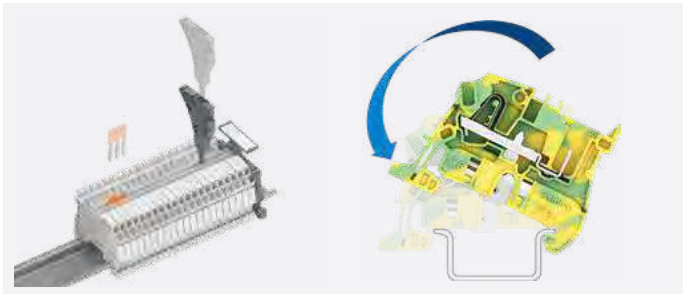
Screwless accessories   Snap-in ground terminal blocks
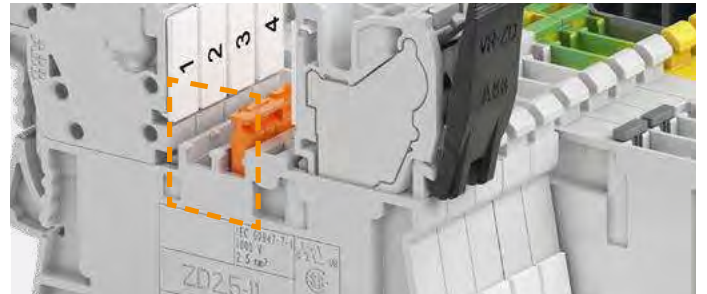
Closed jumper location for stiffness
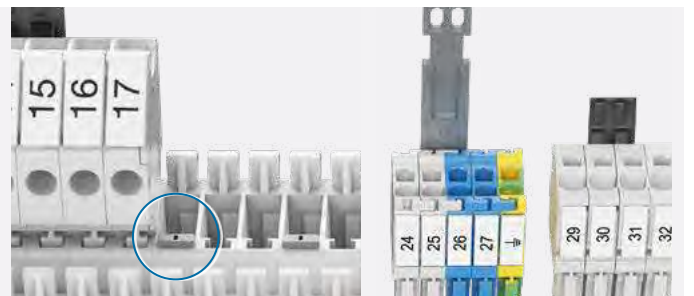
Smart accessories

Flexible test solutions from individual insulated test adapter to test connectors for complete assemblies testing.

– Direct plug-in into jumpers channels

– 5, 6, 8 mm spacing, mixing various spacing is possible

– 1000 V rating.

Smart plug-in jumpers

Pre-cut poles removable by hand: clean cut.

Insulated up to 1000 V (avoid use of separators).

Predefined shapes in molding to easily identify connected poles with a pen.

Plug-in individual test adapter   Plug-in test connector
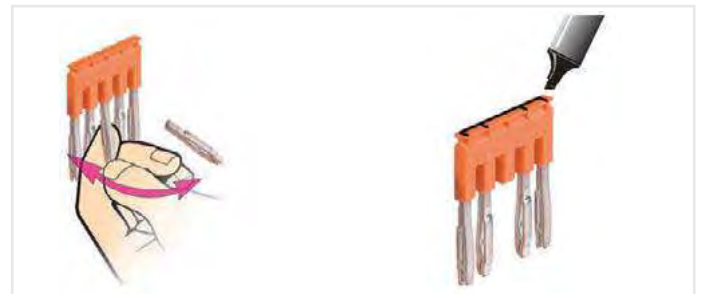
Pre-cut poles easy removable by hand

Predefined shape to identify connected poles

1SNK164014S0201 - Rev. A

Optimized logistics

Reduce your accessories inventory by up to 50%
SNK PI-Spring, screw and pluggable ranges share the same accessories.
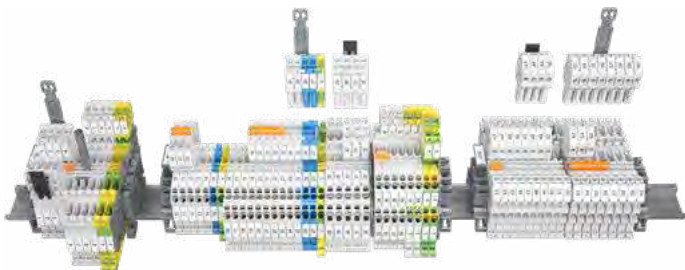
Shared accessories for SNK PI-Spring, screw and pluggable ranges

Facilitate maintenance operations
Terminal blocks can be individually removed from a terminal assembly equipped with markers: TE Connectivity markers become independent after strip mounting. The markers remain on terminal in any situation.
Markers are interchangable: the smaller marker can fit any bigger block.
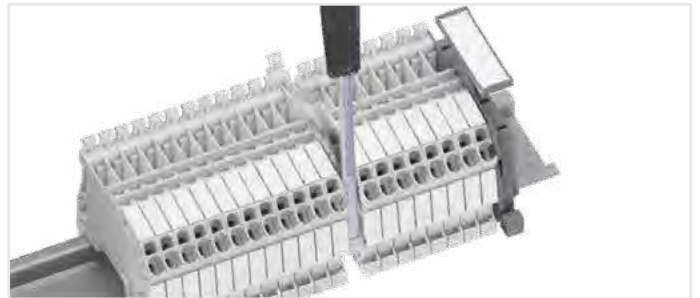
Maintenance operations facilitated

Reliable in harsh conditions

Qualified for worldwide markets, applications and for severe environments: vibration, shock, corrosion…
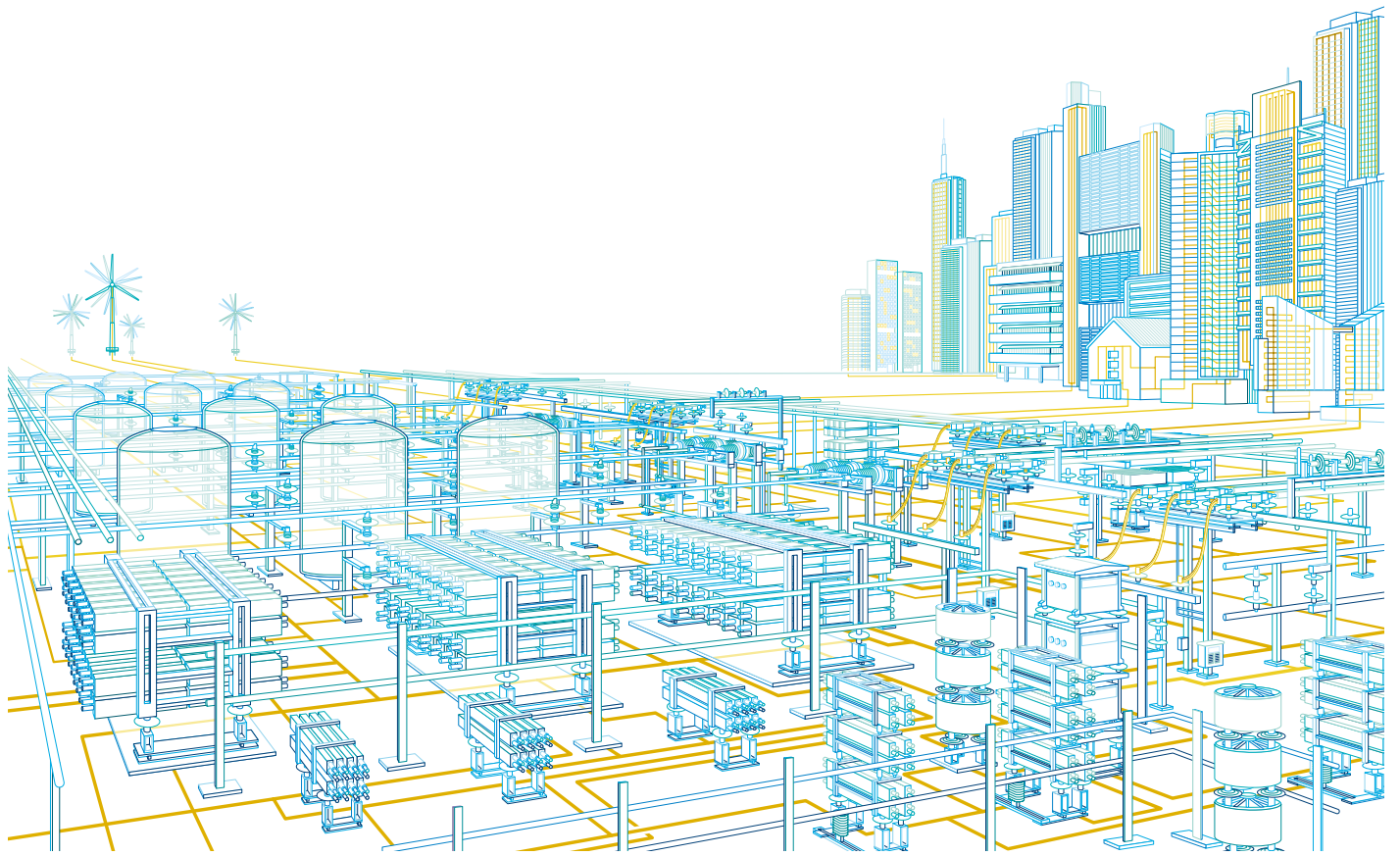
SNK series, terminal blocks
Pluggable technology - Range overview from 2.5 to 4 mm² – 12 to 10 AWG

PI-Spring Pluggable
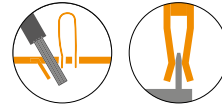
Pluggable Pluggable

2 Connections
Single deck
Feed-through

4 Connections
Single deck
Feed-through
Ground

PI-Spring Pluggable

2 Connections
Single deck
Feed-through
Ground

3 Connections
Single deck
Feed-through

4 Connections
Single deck
Feed-through
Ground

Plugs
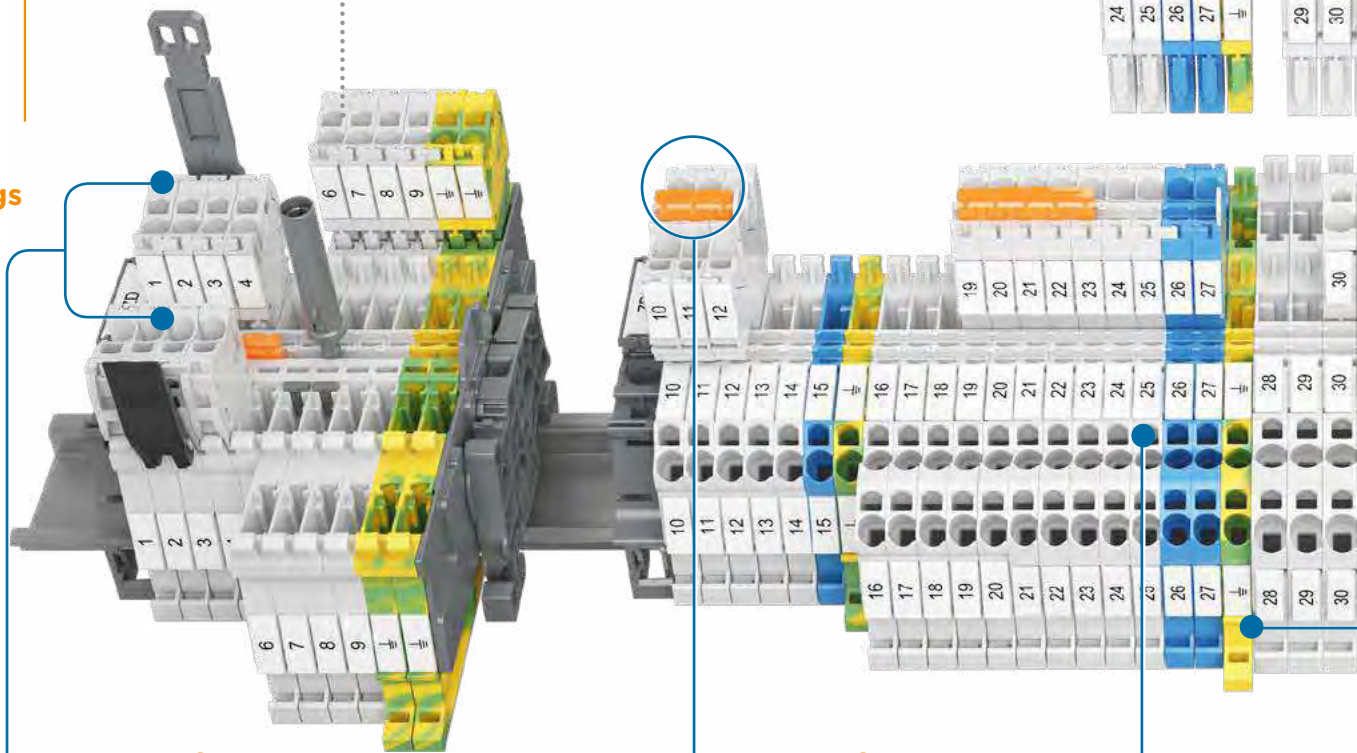
Compact plug
Save up to 15%
in height

Reduced plug variants
Only two plugs variants
to create assemblies

Jumper plugs
Plugs with 1 or 2 connection
& jumper to ease potential
distribution

Voltage test
Screwdriver entry point
accepts category II probes
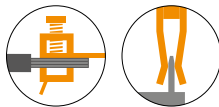
2x2
Connections

Double deck
Feed-through
Ground

4
Connections

Single deck
Feed-through
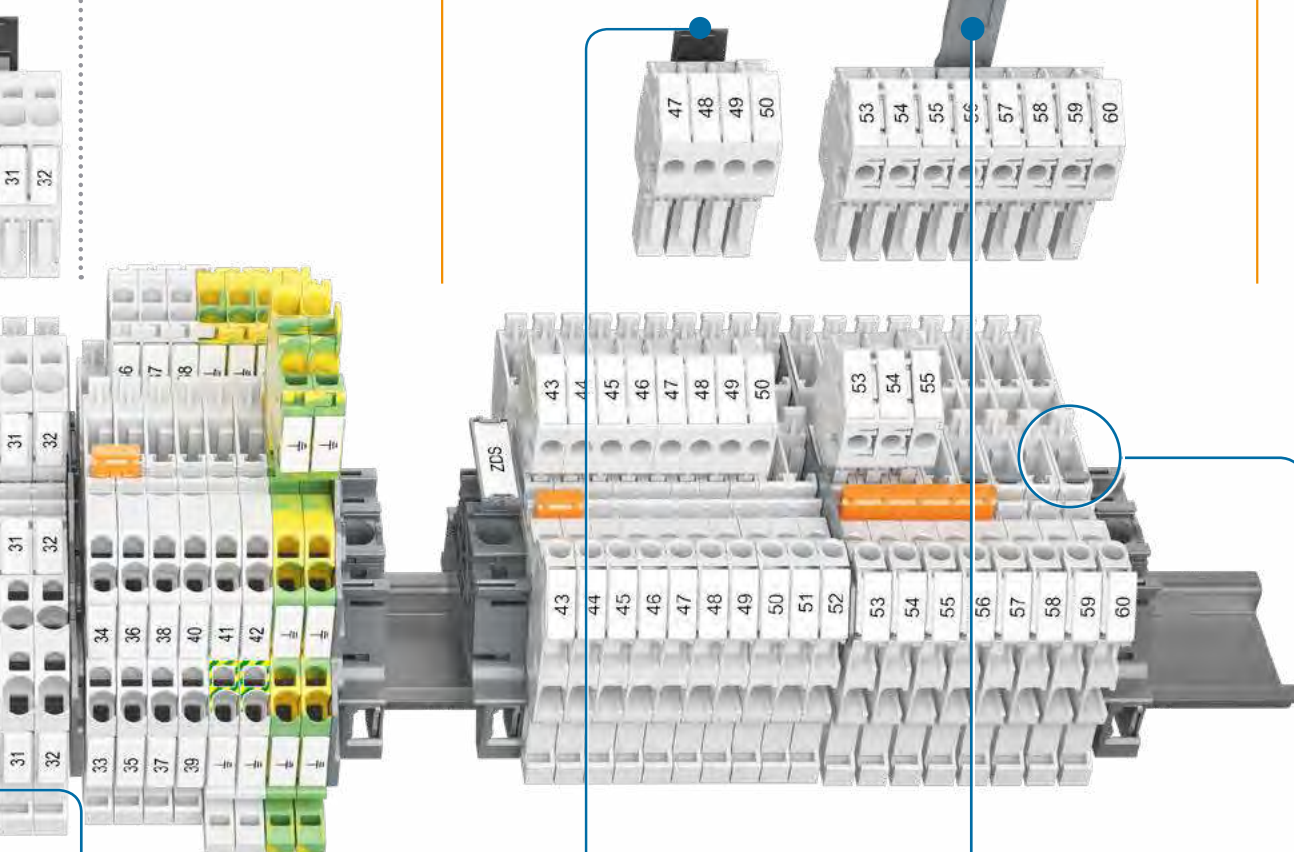
End section
No need of end section
between 2.5 and 4 mm²
terminal blocks

Cable clamp
Secure the wires ontov
the plug when pulling
the plug assembly

Locking device
Secure plug and
wiring against
accidental pulling

Convenient coding pegs
Guarantee error free
plugs insertion

1SNK164013S0201

TE
connectivity

PI-Spring Pluggable
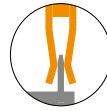
Single deck

		Feed-through		Ground		Feed-through		Ground	
Section									
2.5 mm²	12 AWG	ZD2.5-11	ZD2.5-22	ZD2.5-22-PE	ZDK2.5-11	ZDK2.5-21	ZDK2.5-22	ZDK2.5-11-PE	ZDK2.5-22-PE
4 mm²	10 AWG						ZDK4-22		

Double deck

		Feed-through	Feed-through + ground	Ground	
Section					
2.5 mm²	12 AWG	ZDK2.5-D2	ZDK2.5-D1	ZDK2.5-D2-PE	ZDK2.5-D1-PE
4 mm²	10 AWG				

PI-Spring female plugs

		Closed		Closed		Closed		Closed		Closed		Closed	
Section													
2.5 mm²	12 AWG	CDK2.5	CDK2.5-E	CDK2.5-J	CDK2.5-J-E	CDK2.5-2P-J	CDK2.5-2P-J-E	CDK2.5-PE	CDK2.5-PE-E	CDK2.5-J-PE	CDK2.5-J-PE-E	CDK2.5-2P-J-PE	CDK2.5-2P-J-PE
4 mm²	10 AWG	CDK4	CDK4-E										

Screw clamp Pluggable
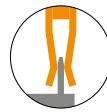
Single deck

		Feed-through
Section		
4 mm²	10 AWG	ZDS4-22 ZDS4-22-R1

Screw clamp female plugs

			Closed
Section			
4 mm²	10 AWG	CDS4 CDS4-R1	CDS4-E

⊙— clamp - ᵛ Channels for jumpering or testing - ⅄ test socket - ⬚ Blown-fuse indicator - ▪ male pluggable clamp - ⅄ female pluggable clamp

1SNK164018S0201

≡TE connectivity

4

PI-Spring Pluggable

ZD2.5-11 PI-Spring pluggable terminal blocks
Feed-through - 5.2 mm 0.205 in spacing

2.5 mm²

12 AWG

ZD2.5-11

54.4 *2.13"*

53.6 *2.09"* 46.1 *1.81"* 69.1 *2.72"* 61.6 *2.43"*

24.2 *0.94"*

5.2 mm 0.205 in spacing

CDK2.5   CDK2.5-E

1   2

3   4

5   6

7   8

9

1SNK16401400014

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Feed-through	2 connections	Grey ☐	ZD2.5-11	1SNK805016R0000	50	5.66

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		22 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Ø 3.5 mm Ø 0.138 in

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Grey ☐	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-E	1SNK805713R0000	50	2.88

15 poles max.

Accessories

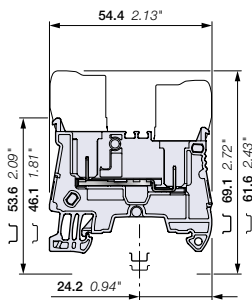|	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	End stops	5.2 mm	0.205 in	Dark grey ■	BAZ1	1SNK900002R0000	50	5.30
2	End sections	1.5 mm	0.059 in	Dark grey ■	EDK2.5-11	1SNK805915R0000	20	1.49
3	Jumper bars	2 poles	32 A (IEC)	Orange ☐	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange ☐	JB85-3	1SNK900603R0000	10	2.80
5	Circuit separators	3 mm	0.118 in	Dark grey ■	CS-R2	1SNK900106R0000	20	3.80
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	Test connectors	5.2 mm 0.205 in spacing		Dark grey ■	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
8	Coding pegs			Dark grey ■	COP-ZD	1SNK900636R0000	10	3.57
9	Terminal block markers	Blank card		White ☐	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.

Technical data valid for copper conductors only.

4

2.5 mm²
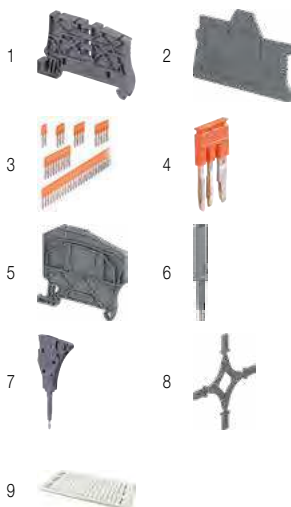
12 AWG

ZD2.5-22

5.2 mm 0.205 in spacing

CDK2.5   CDK2.5-E

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.
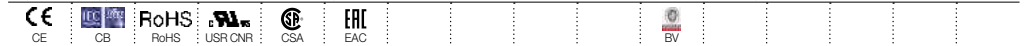
Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Feed-through	4 connections	Grey ☐	ZD2.5-22	1SNK805017R0000	50	12.00

Main technical data

Connecting capacity

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		22 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE — CB — RoHS — USR CNR — CSA — EAC — BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Grey ☐	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-E	1SNK805713R0000	50	2.88

15 poles max.

Accessories

	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	End stops	5.2 mm	0.205 in	Dark grey ▩	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.0 mm	0.079 in	Dark grey ▩	ED2.5-22	1SNK805917R0000	20	3.64
3	Jumper bars	2 poles	32 A (IEC)	Orange ☐	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange ☐	JB85-3	1SNK900603R0000	10	2.80
5	Circuit separators	3 mm	0.118 in	Dark grey ▩	CS-R3	1SNK900107R0000	20	6.40
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	Test connectors	5.2 mm 0.205 in spacing		Dark grey ▩	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
8	Coding pegs			Dark grey ▩	COP-ZD	1SNK900636R0000	10	3.57
9	Terminal block markers	Blank card		White ☐	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		Universal wire markers holder		Grey ☐	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.
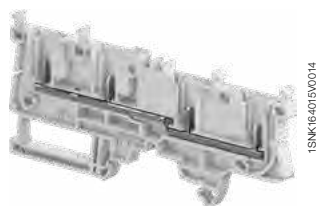Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.
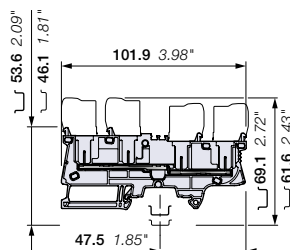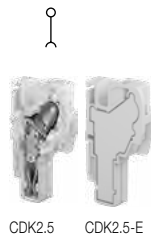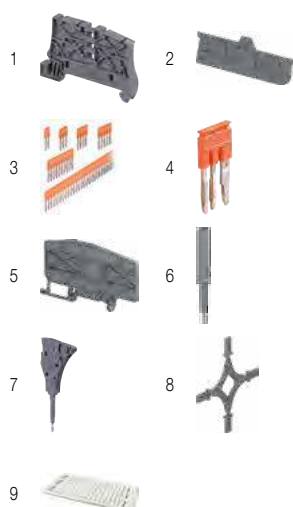
Technical data valid for copper conductors only.

ZD2.5-22-PE PI-Spring pluggable terminal blocks
Ground - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

ZD2.5-22-PE

1SNK164016V0014

5.2 mm 0.205 in spacing

53.6 2.09"
46.1 1.81"
108.4 4.25"
69.1 2.72"
61.6 2.43"
47.5 1.85"

4

Available in Q3.2019

CDK2.5-PE CDK2.5-PE-E

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.
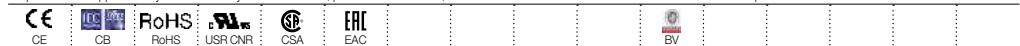
Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Ground	4 connections	Green-yellow	ZD2.5-22-PE	1SNK805156R0000	50	14.80

Main technical data

Connecting capacity

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
Rated cross section		2.5 mm²	12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE CB RoHS USR CNR CSA EAC BV

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Green-yellow	CDK2.5-PE	1SNK805750R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-PE-E	1SNK805753R0000	50	2.88

15 poles max.

Accessories

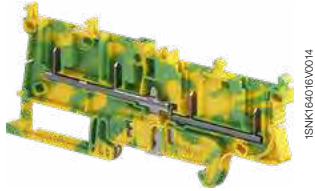|	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.0 mm	0.079 in	Dark grey	ED2.5-22	1SNK805917R0000	20	3.64
3	Circuit separators	3 mm	0.118 in	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4	Test adapters	For test 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
5	Test connectors	5.2 mm 0.205 in spacing		Dark grey	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
6	Coding pegs			Dark grey	COP-ZD	1SNK900636R0000	10	3.57
7	Terminal block markers	Blank card		White	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.

1 2 3 4 5 6 7

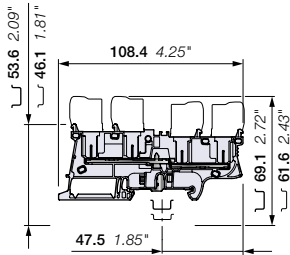Technical data valid for copper conductors only.

1SNK164022S0201

TE connectivity

ZDK2.5-11 PI-Spring pluggable terminal blocks
Feed-through - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

ZDK2.5-11

49.6 *1.93"*

66.1 *2.60"* **58.6** *2.31"*

50.5 *1.98"* **43** *1.69"*

23.3 *0.91"*

5.2 mm 0.205 in spacing

CDK2.5   CDK2.5-E   CDK2.5-BL   CDK2.5-BL-E

1
2
3
4
5
6
7
8
9

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.
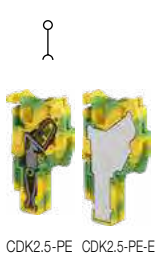
Ordering details

Description		Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
Feed-through	2 connections	Grey		ZDK2.5-11	1SNK805015R0000	50	7.00
		Blue		ZDK2.5-11-BL	1SNK805025R0000	50	7.00

Main technical data

Connecting capacity

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

Female plugs

Description		Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Grey		CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole			CDK2.5-E	1SNK805713R0000	50	2.88
Female plugs	1 pole	Blue		CDK2.5-BL	1SNK805742R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole			CDK2.5-BL-E	1SNK805743R0000	50	2.88

15 poles max.

Accessories

	Description			Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	End stops	5.2 mm	0.205 in	Dark grey		BAZ1	1SNK900002R0000	50	5.30
2	End sections	1.5 mm	0.059 in	Dark grey		EDK2.5-11	1SNK805915R0000	20	1.49
3	Jumper bars	2 poles	32 A (IEC)	Orange		JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)			JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)			JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)			JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)			JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)			JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange		JB85-3	1SNK900603R0000	10	2.80
5	Circuit separators	3 mm	0.118 in	Dark grey		CS-R2	1SNK900106R0000	20	3.80
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	Test connectors	5.2 mm 0.205 in spacing		Dark grey		TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in				TC5-R1	1SNK900201R0000	10	5.20
8	Coding pegs			Dark grey		COP-ZD	1SNK900636R0000	10	3.57
9	Terminal block markers	Blank card		White		MC512	1SNK140000R0000	22	9.00
						MC512PA	1SNK149999R0000	20	10.00
		Blank marker				MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.
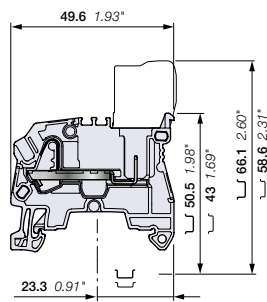
Technical data valid for copper conductors only.

TE connectivity

4

1SNK164017V0014

1SNK164023S0201

| 2.5 mm² |
| 12 AWG |

ZDK2.5-21

5.2 mm 0.205 in spacing

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
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Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through	3 connections	Grey ▢	ZDK2.5-21	1SNK805014R0000	50	7.47

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Grey ▢	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-E	1SNK805713R0000	50	2.88

15 poles max.

CDK2.5   CDK2.5-E

Accessories

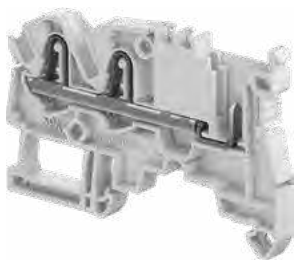|	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey ▢	BAZ1	1SNK900002R0000	50	5.30
2	End sections	1.5 mm	0.059 in	Dark grey ▢	EDK2.5-21	1SNK805914R0000	20	1.90
3	Jumper bars	2 poles	32 A (IEC)	Orange ▢	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange ▢	JB85-3	1SNK900603R0000	10	2.80
5	Circuit separators	3 mm	0.118 in	Dark grey ▢	CS-R3	1SNK900107R0000	20	6.40
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	Test connectors	5.2 mm 0.205 in spacing		Dark grey ▢	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
8	Coding pegs			Dark grey ▢	COP-ZD	1SNK900636R0000	10	3.57
9	Terminal block markers	Blank card		White ▢	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.
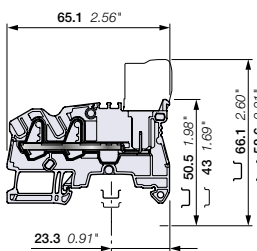
Technical data valid for copper conductors only.

TE connectivity

ZDK2.5-22 PI-Spring pluggable terminal blocks
Feed-through - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

ZDK2.5-22

89.3 *3.52"*

50.5 *1.99"* 43 *1.69"* 66.1 *2.60"* 58.6 *2.31"*

47.5 *1.87"*

5.2 mm 0.205 in spacing

1SNK182093V0014

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part number	Pkg qty	Weight (1 pce) g
Feed-through	4 connections	Grey ▢	ZDK2.5-22	1SNK805010R0000	50	9.60
Feed-through	4 connections	Blue ▢	ZDK2.5-22-BL	1SNK805020R0000	50	9.60

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	22 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com
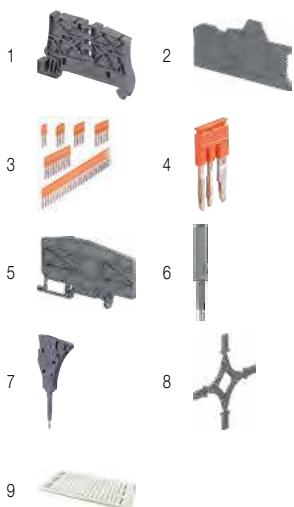
CE | CB | RoHS | USR CNR | CSA | EAC | BV

Female plugs

CDK2.5   **CDK2.5-E**

Description		Color	Type	Part number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Grey ▢	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed			CDK2.5-E	1SNK805713R0000	50	2.80

15 poles max.

Accessories

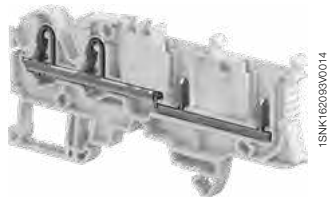|	Description			Color	Type	Part number	Pkg qty	Weight (1 pce) g
1	**End stops**	5.2 mm	0.205 in	Dark grey ▢	BAZ1	1SNK900002R0000	50	5.30
2	**End sections**	2.2 mm	0.087 in	Dark grey ▢	EDK2.5-22	1SNK805910R0000	20	3.15
3	**Jumper bars**	2 poles	32 A (IEC)	Orange ▢	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	**Cross spacing jumpers**	3 poles	32 A (IEC)	Orange ▢	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	3 mm	0.118 in	Dark grey ▢	CS-R3	1SNK900107R0000	20	6.40
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	**Test connectors**	5.2 mm 0.205 in spacing		Dark grey ▢	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
8	**Coding pegs**			Dark grey ▢	COP-ZD	1SNK900636R0000	10	3.57
9	**Terminal block markers**	Blank marker		White ▢	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card			MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		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.

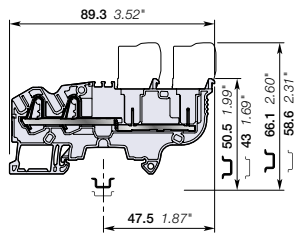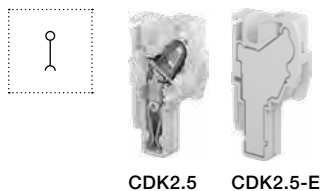Technical data valid for copper conductors only.

4

1SNK164001S0201

TE connectivity

ZDK4-22 PI-Spring pluggable terminal blocks
Feed-through - 6 mm 0.236 in spacing

4 mm²
10 AWG

ZDK4-22

93.8 *3.69"*

50.5 *1.99"*
43 *1.69"*
67.2 *2.65"*
59.7 *2.35"*

50.3 *1.98"*

6 mm 0.236 in spacing

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5-R1 + ES-TC6) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through	4 connections	Grey ☐	ZDK4-22	1SNK806010R0000	50	14.30

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG
	Flexible	0.5 ... 4 mm²	
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG
Rated current / Rated cross section		30 A / 4 mm²	30 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com
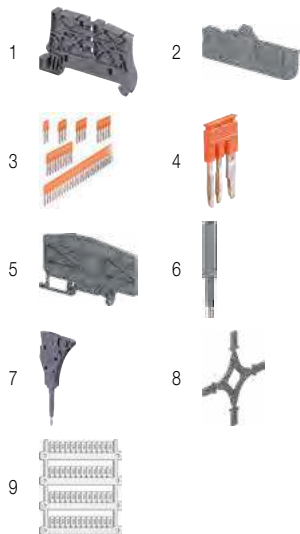
CE | CB | RoHS | USR CNR | CSA | EAC | BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Grey ☐	CDK4	1SNK806712R0000	50	3.80
Female plugs without outer nubs - Closed			CDK4-E	1SNK806713R0000	50	4.50

15 poles max.

CDK4   CDK4-E

Accessories

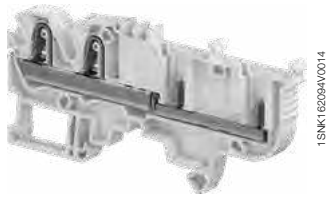|	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	**End stops**	5.2 mm	0.205 in	Dark grey ◼	BAZ1	1SNK900002R0000	50	5.30
2	**End sections**	2.2 mm	0.087 in	Dark grey ◼	EDK2.5-22	1SNK805910R0000	20	3.15
3	**Jumper bars**	2 poles	41 A (IEC)	Orange ☐	JB6-2	1SNK906302R0000	50	1.30
		3 poles	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**	3 poles	32 A (IEC)	Orange ☐	JB85-3	1SNK900603R0000	10	2.80
5	**Circuit separators**	3 mm	0.118 in	Dark grey ◼	CS-R3	1SNK900107R0000	20	6.40
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	**Test connectors**	End module, 5.2 mm 0.205 in		Dark grey ◼	TC5-R1	1SNK900201R0000	10	5.20
8	**Spacers**	0.8 mm	0.031 in	Dark grey ◼	ES-TC6	1SNK900105R0000	10	0.80
9	**Coding pegs**			Dark grey ◼	COP-ZD	1SNK900636R0000	10	3.57
10	**Terminal block markers**	Blank marker		White ☐	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.
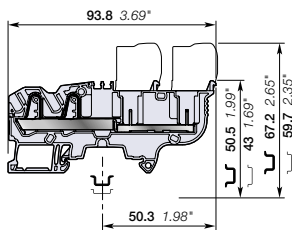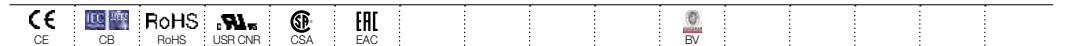
Technical data valid for copper conductors only.

1SNK162094V0014

1SNK164002S0201

4

TE connectivity

ZDK2.5-11-PE PI-Spring pluggable terminal blocks
Ground - 5.2 mm 0.205 in spacing

2.5 mm²

12 AWG

ZDK2.5-11-PE

56.1 _2.20"_

_50.5 1.98"_ _43 1.69"_ **66.1** _2.60"_ **58.6** _2.31"_

24.2 _0.94"_

5.2 mm 0.205 in spacing

Available in Q3.2019

CDK2.5-PE   CDK2.5-PE-E

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Ground	2 connections	Green-yellow	ZDK2.5-11-PE	1SNK805150R0000	50	9.62

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
Rated cross section		2.5 mm²	12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Green-yellow	CDK2.5-PE	1SNK805750R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-PE-E	1SNK805753R0000	50	2.88

15 poles max.

Accessories

	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2	End sections	1.5 mm	0.059 in	Dark grey	EDK2.5-11	1SNK805915R0000	20	1.49
3	Circuit separators	3 mm	0.118 in	Dark grey	CS-R2	1SNK900106R0000	20	3.80
4	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
5	Test connectors	5.2 mm 0.205 in spacing		Dark grey	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
6	Coding pegs			Dark grey	COP-ZD	1SNK900636R0000	10	3.57
7	Terminal block markers	Blank card		White	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.

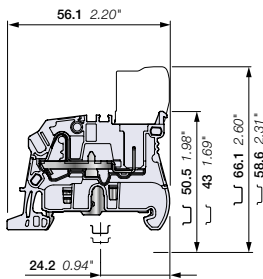Technical data valid for copper conductors only.

TE connectivity

ZDK2.5-22-PE PI-Spring pluggable terminal blocks
Feed-through - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

ZDK2.5-22-PE

94.7 3.70"
50.5 1.98"
43 1.69"
66.1 2.60"
58.6 2.31"
47.5 1.85"
1SNK16402V0014

5.2 mm 0.205 in spacing

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.
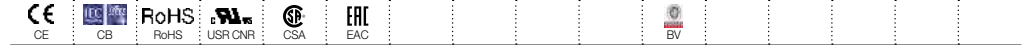
Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Ground	4 connections	Green-yellow	ZDK2.5-22-PE	1SNK805152R0000	50	14.05

Main technical data

Connecting capacity

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
Rated cross section		2.5 mm²	12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE CB RoHS USR CNR CSA EAC BV

Female plugs

CDK2.5-PE CDK2.5-PE-E

Available in Q3.2019

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Green-yellow	CDK2.5-PE	1SNK805750R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-PE-E	1SNK805753R0000	50	2.88

15 poles max.

Accessories

1 2 3 4 5 6 7

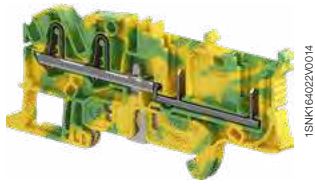|	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	End stops	5.2 mm	0.205 in	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.2 mm	0.087 in	Dark grey	EDK2.5-22	1SNK805910R0000	20	3.15
3	Circuit separators	3 mm	0.118 in	Dark grey	CS-R3	1SNK900107R0000	20	6.40
4	Test adapters	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
5	Test connectors	5.2 mm 0.205 in spacing		Dark grey	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
6	Coding pegs			Dark grey	COP-ZD	1SNK900636R0000	10	3.57
7	Terminal block markers	Blank card		White	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.

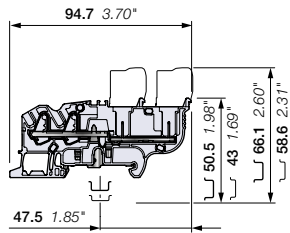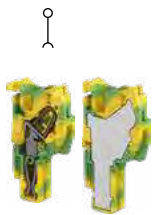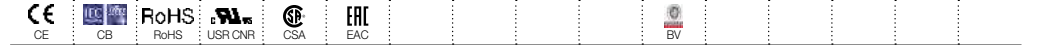Technical data valid for copper conductors only.

4

1SNK16402SO201

TE connectivity

ZDK2.5-D2 PI-Spring pluggable terminal blocks
Double deck feed-through 2 circuits - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

ZDK2.5-D2

81.5 *3.19"*

69.6 *2.72"*
62.1 *2.44"*
85.2 *3.35"*
77.7 *3.06"*

40.6 *1.57"*

5.2 mm 0.205 in spacing

CDK2.5   CDK2.5-E   CDK2.5-BL   CDK2.5-BL-E

1   2

3   4

5   6

7   8

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
Feed-through	double deck 4 connections	Grey	☐	ZDK2.5-D2	1SNK805213R0000	50	11.89
		Blue	☐	ZDK2.5-D2-BL	1SNK805223R0000	50	11.89

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		22 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Female plugs

Description		Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Grey	☐	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole			CDK2.5-E	1SNK805713R0000	50	2.88
Female plugs	1 pole	Blue	☐	CDK2.5-BL	1SNK805742R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole			CDK2.5-BL-E	1SNK805743R0000	50	2.88

15 poles max.

Accessories

	Description			Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	End stops	5.2 mm	0.205 in	Dark grey	☐	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.0 mm	0.079 in	Dark grey	☐	EDK2.5-D	1SNK805913R0000	20	3.88
3	Jumper bars	2 poles	32 A (IEC)	Orange	☐	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)			JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)			JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)			JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)			JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)			JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange	☐	JB85-3	1SNK900603R0000	10	2.80
5	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
6	Test connectors	5.2 mm 0.205 in spacing		Dark grey	☐	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in				TC5-R1	1SNK900201R0000	10	5.20
7	Coding pegs			Dark grey	☐	COP-ZD	1SNK900636R0000	10	3.57
8	Terminal block markers	Blank card		White	☐	MC512	1SNK140000R0000	22	9.00
						MC512PA	1SNK149999R0000	20	10.00
		Blank marker				MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.
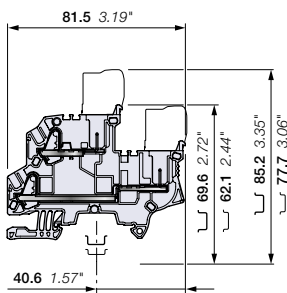
Technical data valid for copper conductors only.

4

1SNK164023V0014

1SNK164023S0201

ZDK2.5-D1 PI-Spring pluggable terminal blocks
Double deck feed-through 1 circuit - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG
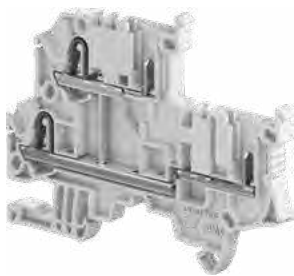
ZDK2.5-D1
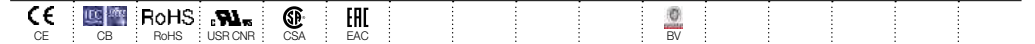

5.2 mm 0.205 in spacing

4
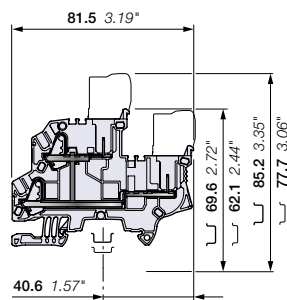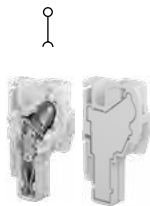
CDK2.5   CDK2.5-E

1   2
3   4
5   6
7   8

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through	double deck 4 connections	Grey ☐	ZDK2.5-D1	1SNK805214R0000	50	12.46

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		22 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE / CB / RoHS / USR CNR / CSA / EAC / BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Grey ☐	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-E	1SNK805713R0000	50	2.88

15 poles max.

Accessories

	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey ■	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.0 mm	0.079 in	Dark grey ■	EDK2.5-D	1SNK805913R0000	20	3.88
3	Jumper bars	2 poles	32 A (IEC)	Orange ☐	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange ☐	JB85-3	1SNK900603R0000	10	2.80
5	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
6	Test connectors	5.2 mm 0.205 in spacing		Dark grey ■	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
7	Coding pegs			Dark grey ■	COP-ZD	1SNK900636R0000	10	3.57
8	Terminal block markers	Blank card		White ☐	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.
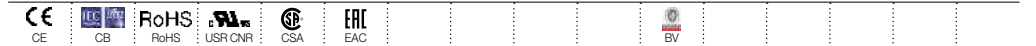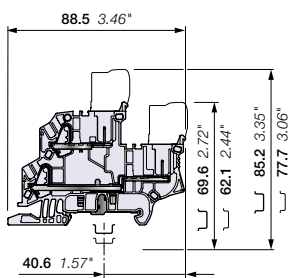
Technical data valid for copper conductors only.

TE connectivity

1SNK164025V0014

81.5 3.19"
85.2 3.35"
77.7 3.06"
69.6 2.72"
62.1 2.44"
40.6 1.57"

1SNK1640275Q201

ZDK2.5-D2-PE PI-Spring pluggable terminal blocks
Double deck feed-through + ground - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

ZDK2.5-D2-PE

88.5 *3.46"*

69.6 *2.72"*
62.1 *2.44"*
85.2 *3.35"*
77.7 *3.06"*

40.6 *1.57"*

5.2 mm 0.205 in spacing

Available in Q3.2019

CDK2.5   CDK2.5-E   CDK2.5-PE   CDK2.5-PE-E

Description
– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.
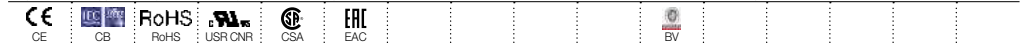
Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Feed-through + ground	double deck 4 connections	Grey, Green-yellow	ZDK2.5-D2-PE	1SNK805212R0000	50	16.13

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		22 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Rated voltage		800 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Grey	CDK2.5	1SNK805712R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-E	1SNK805713R0000	50	2.88
Female plugs	1 pole	Green-yellow	CDK2.5-PE	1SNK805750R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-PE-E	1SNK805753R0000	50	2.88

15 poles max.

Accessories

	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.0 mm	0.079 in	Dark grey	EDK2.5-D	1SNK805913R0000	20	3.88
3	Jumper bars	2 poles	32 A (IEC)	Orange	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	Cross spacing jumpers	3 poles	32 A (IEC)	Orange	JB85-3	1SNK900603R0000	10	2.80
5	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
6	Test connectors	5.2 mm 0.205 in spacing		Dark grey	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
7	Coding pegs			Dark grey	COP-ZD	1SNK900636R0000	10	3.57
8	Terminal block markers	Blank card		White	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		Blank marker			MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		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.

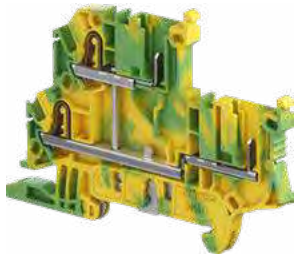Technical data valid for copper conductors only.

4

ZDK2.5-D1-PE PI-Spring pluggable terminal blocks
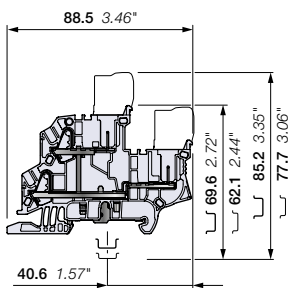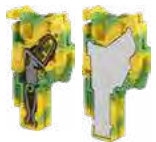## Double deck ground - 5.2 mm 0.205 in spacing

2.5 mm²

12 AWG

ZDK2.5-D1-PE

88.5 *3.46"*

69.6 *2.72"* 62.1 *2.44"* 85.2 *3.35"* 77.7 *3.06"*

40.6 *1.57"*

5.2 mm 0.205 in spacing

Available in Q3.2019

CDK2.5-PE   CDK2.5-PE-E

1   2
3   4
5   6

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.
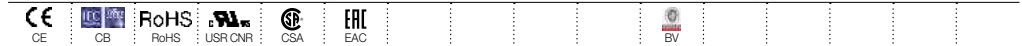
Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Ground	double deck 4 connections	Green-yellow 🟨	ZDK2.5-D1-PE	1SNK805250R0000	50	16.80

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
Rated cross section		2.5 mm²	12 AWG
Rated short-time withstand current (1s)		300 A	396 A
Protection		IP20	NEMA 1

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	1 pole	Green-yellow 🟨	CDK2.5-PE	1SNK805750R0000	50	2.80
Female plugs without outer nubs - Closed	1 pole		CDK2.5-PE-E	1SNK805753R0000	50	2.88

15 poles max.

Accessories

	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	End stops	5.2 mm	0.205 in	Dark grey ⬛	BAZ1	1SNK900002R0000	50	5.30
2	End sections	2.0 mm	0.079 in	Dark grey ⬛	EDK2.5-D	1SNK805913R0000	20	3.88
3	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
4	Test connectors	5.2 mm 0.205 in spacing		Dark grey ⬛	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
5	Coding pegs			Dark grey ⬛	COP-ZD	1SNK900636R0000	10	3.57
6	Terminal block markers	Blank card		White ⬜	MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		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.
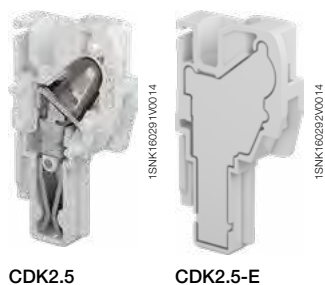
Technical data valid for copper conductors only.

4

1SNK164026V0014

1SNK164028S0201

TE connectivity

CDK2.5 PI-Spring female plugs
Female plug - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

CDK2.5   **CDK2.5-E**

19.1 *0.75"*

21.1 *0.83"*
36.2 *1.43"*

5.2 mm 0.205 in spacing

Description

– Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
– Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
– Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

Ordering details

Description	Color		Type	Part number	Pkg qty	Weight (1 pce) g
Female plugs	Grey		CDK2.5	1SNK805712R0000	50	2.80
	Blue		CDK2.5-BL	1SNK805742R0000	50	2.80
Available in Q3.2019	Green-Yellow		CDK2.5-PE	1SNK805750R0000	50	2.80
Female plugs without outer nubs - Closed	Grey		CDK2.5-E	1SNK805713R0000	50	2.80
	Blue		CDK2.5-BL-E	1SNK805743R0000	50	2.80
Available in Q3.2019	Green-Yellow		CDK2.5-PE-E	1SNK805753R0000	50	2.80

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	22 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

15 poles max.

CDK2.5
CDK2.5-E
CDK2.5

1   2

3

Accessories

	Description		Color		Type	Part number	Pkg qty	Weight (1 pce) g
1	**Locking devices**	9.4 mm 0.370 in spacing	Black		VR-ZD	1SNK900637R0000	50	0.7
2	**Cable clamp**	9.4 mm 0.370 in spacing	Dark grey		PT-ZD	1SNK900660R0000	50	1.04
3	**Terminal block markers**	Blank marker	White		MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank strip label			MG-CPMFA 43196	1SNB043196R0012	350	2.56
		Blank card			MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		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.

Technical data valid for copper conductors only.

4

TE connectivity

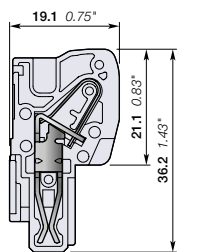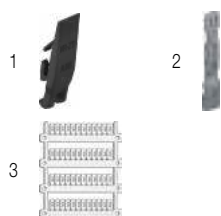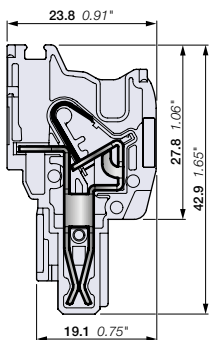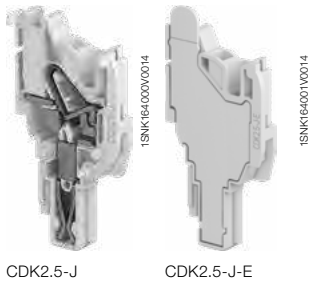# CDK2.5-J PI-Spring female plugs
Female plug - 5.2 mm 0.205 in spacing

2.5 mm²

12 AWG

CDK2.5-J   CDK2.5-J-E

5.2 mm 0.205 in spacing

23.8 *0.91"*

27.8 *1.06"*

42.9 *1.65"*

19.1 *0.75"*

Description

– Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,

– Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,

– Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

Description	Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	Grey	☐	CDK2.5-J	1SNK805738R0000	50	4.08
	Blue	☐	CDK2.5-J-BL	1SNK805744R0000	50	4.08
	Green-yellow	☐	CDK2.5-J-PE	1SNK805748R0000	50	4.08
Female plugs without outer nubs - Closed	Grey	☐	CDK2.5-J-E	1SNK805739R0000	50	4.34
	Blue	☐	CDK2.5-J-BL-E	1SNK805745R0000	50	4.34
	Green-yellow	☐	CDK2.5-J-PE-E	1SNK805749R0000	50	4.34

Main technical data

Connecting capacity

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		800 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

15 poles max.

CDK2.5-J   CDK2.5-J-E   CDK2.5-J

Accessories

	Description			Color		Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	Jumper bars	2 poles	32 A (IEC)	Orange	☐	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)			JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)			JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)			JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)			JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)			JB5-50	1SNK905350R0000	10	36.00
2	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
3	Test connectors	5.2 mm 0.205 in spacing		Dark grey	☐	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in				TC5-R1	1SNK900201R0000	10	5.20
4	Locking devices	9.4 mm 0.370 in spacing		Black	☐	VR-ZD	1SNK900637R0000	50	0.7
5	Strain Relief			Dark grey	☐	PT-ZD	1SNK900660R0000	50	1.04
6	Terminal block markers	Blank card		White	☐	MC512	1SNK140000R0000	22	9.00
						MC512PA	1SNK149999R0000	20	10.00
		Blank strip label				MG-CPMFA 43196	1SNB043196R0012	400	2.562
		Blank marker				MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		Universal wire markers holder		Grey	☐	UMH	1SNK900611R0000	10	0.20

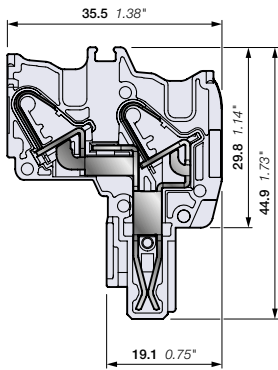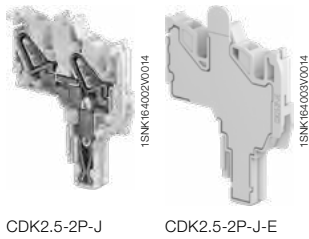Complete list of accessories is indicated in the terminal block datasheet including end stops.
Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

TE connectivity

CDK2.5-2P-J PI-Spring female plugs
Female plug - 5.2 mm 0.205 in spacing

2.5 mm²
12 AWG

1SNK164002V0014

1SNK164003V0014

CDK2.5-2P-J   CDK2.5-2P-J-E

35.5 *1.38"*

29.8 *1.14"*

44.9 *1.73"*

19.1 *0.75"*

5.2 mm 0.205 in spacing

Description

– Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
– Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
– Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.

Description	Color		Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	Grey	⬜	CDK2.5-2P-J	1SNK805740R0000	50	5.37
	Blue	🟦	CDK2.5-2P-J-BL	1SNK805746R0000	50	5.37
	Green-yellow	🟨	CDK2.5-2P-J-PE	1SNK805751R0000	50	5.37
Female plugs without outer nubs - Closed	Grey	⬜	CDK2.5-2P-J-E	1SNK805741R0000	50	5.74
	Blue	🟦	CDK2.5-2P-J-BL-E	1SNK805747R0000	50	5.74
	Green-yellow	🟨	CDK2.5-2P-J-PE-E	1SNK805752R0000	50	5.74

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	26 ... 12 AWG
	Flexible	0.22 ... 2.5 mm²	
	with non insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	26 ... 14 AWG
2 conductors per clamp	Flexible with twin ferrule	0.22 ... 0.5 mm²	26 ... 20 AWG
Rated current / Rated cross section		24 A / 2.5 mm²	20 A / 12 AWG
Rated short-time withstand current (1s)		300 A	
Rated voltage		500 V	600 V
Impulse withstand voltage		6000 V	
Protection		IP20	NEMA 1

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

Rail		
Wire stripping length		11 mm 0.433 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

Mounting instructions

15 poles max.

CDK2.5-2P-J
CDK2.5-2P-J-E
CDK2.5-2P-J

Accessories

	Description			Color		Type	Part Number	Pkg qty	Weight (1 pce) g
1	Jumper bars	2 poles	32 A (IEC)	Orange	🟧	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)			JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)			JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)			JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)			JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)			JB5-50	1SNK905350R0000	10	36.00
2	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
3	Test connectors	5.2 mm 0.205 in spacing		Dark grey	⬛	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in				TC5-R1	1SNK900201R0000	10	5.20
4	Locking devices	9.4 mm 0.370 in spacing		Black	⬛	VR-ZD	1SNK900637R0000	50	0.7
5	Strain Relief			Dark grey	⬛	PT-ZD	1SNK900660R0000	50	1.04
6	Terminal block markers	Blank card		White	⬜	MC512	1SNK140000R0000	22	9.00
						MC512PA	1SNK149999R0000	20	10.00
		Blank strip label				MG-CPMFA 43196	1SNB043196R0012	400	2.562
		Blank marker				MG-CPM 13 41790	1SNB041790R0512	1960	0.236
		Universal wire markers holder		Grey	⬜	UMH	1SNK900611R0000	10	0.20

Complete list of accessories is indicated in the terminal block datasheet including end stops.
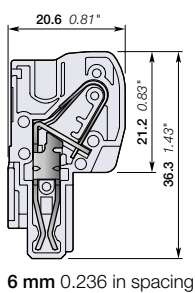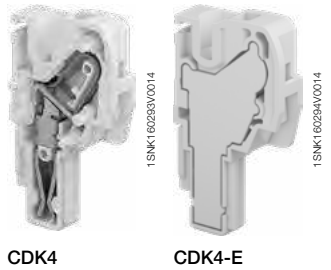Some accessories such as jumper bars may modify the terminal block's ratings: Complete information available in the accessories section of the catalog.

Technical data valid for copper conductors only.

1   2
3   4
5   6

4

1SNK164032S0201

TE connectivity

1SNK160293V0014

1SNK160294V0014

CDK4

CDK4-E

4 mm²

10 AWG

20.6 *0.81"*

21.2 *0.83"*

36.3 *1.43"*

6 mm 0.236 in spacing

Description

– Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,

– Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,

– Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.
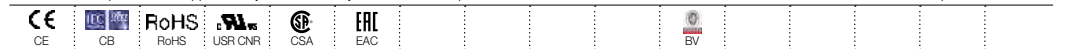
Ordering details

Description		Color	Type	Part Number		Pkg qty	Weight (1 pce) **g**
Female plugs		Grey ☐	CDK4	1SNK806712R0000		50	3.80
Female plugs without outer nubs - Closed			CDK4-E	1SNK806713R0000		50	4.50

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.5 ... 6 mm²	26 ... 10 AWG
	Flexible	0.5 ... 4 mm²	
	with non insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
	with insulated ferrule	0.5 ... 4 mm²	26 ... 12 AWG
2 conductors per clamp	Flexible with twin ferrule	0.5 ... 1 mm²	26 ... 18 AWG
Rated current / Rated cross section		30 A / 4 mm²	30 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		1000 V	600 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

Rail		
Wire stripping length		12.5 mm 0.492 in
Tool (for flexible conductor without ferrule)		Flat screwdriver Ø 3.5 mm Ø 0.138 in

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.TE.com
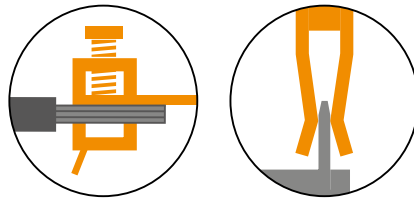
CE   CB   RoHS   USR CNR   CSA   EAC   BV
      RoHS

Mounting instructions

15 poles max.

CDK4
CDK4-E
CDK4

Accessories

	Description		Color	Type	Part Number		Pkg qty	Weight (1 pce) **g**
1	Locking devices	9.4 mm 0.370 in spacing	Black ■	VR-ZD	1SNK900637R0000		50	0.7
2	Cable Clamp	9.4 mm 0.370 in spacing	Dark grey ■	PT-ZD	1SNK900660R0000		50	1.04
3	Terminal block markers	Blank marker	White ☐	MG-CPM 13 41791	1SNB041791R0612		1680	0.27
		Blank strip label		MG-CPMFA 43196	1SNB043196R0012		350	2.56
		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.
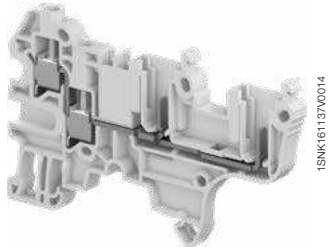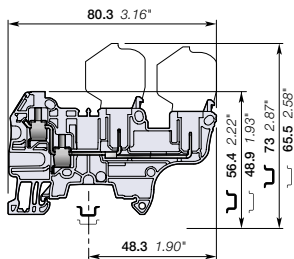
Technical data valid for copper conductors only.

1SNK164006S0201

4

TE
connectivity

Screw clamp Pluggable

4 mm²
10 AWG

ZDS4-22

80.3 *3.16"*

56.4 *2.22"*
48.9 *1.93"*
73 *2.87"*
65.5 *2.58"*

48.3 *1.90"*

5.2 mm 0.205 in spacing

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,
– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Feed-through	4 connections	Grey ☐	ZDS4-22	1SNK805013R0000	50	10.80

Main technical data

| Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	24 ... 12 AWG
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG
	Flexible	0.22 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE | CB | RoHS | USR CNR | CSA | EAC | BV

Mounting instructions

Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

Female plugs

Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Grey ☐	CDS4	1SNK805714R0000	50	3.90
Female plugs without outer nubs - Closed			CDS4-E	1SNK805715R0000	50	4.10

15 poles max.
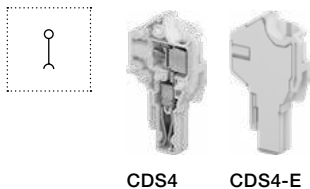
CDS4   **CDS4-E**

Accessories

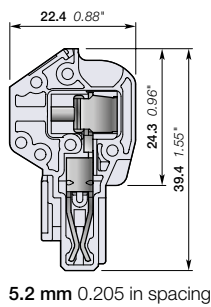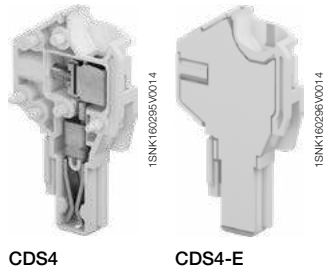|	Description			Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	**End stops**	10 mm	0.394 in	Dark grey ■	BAM4	1SNK900001R0000	50	14.00
2	**End sections**	0.8 mm	0.031 in	Dark grey ■	EDS4-22	1SNK805911R0000	20	1.85
3	**Jumper bars**	2 poles	32 A (IEC)	Orange ☐	JB5-2	1SNK905302R0000	50	1.30
		3 poles	32 A (IEC)		JB5-3	1SNK905303R0000	50	2.00
		4 poles	32 A (IEC)		JB5-4	1SNK905304R0000	50	2.70
		5 poles	32 A (IEC)		JB5-5	1SNK905305R0000	50	3.50
		10 poles	32 A (IEC)		JB5-10	1SNK905310R0000	30	7.10
		50 poles	32 A (IEC)		JB5-50	1SNK905350R0000	10	36.00
4	**Circuit separators**	3 mm	0.118 in	Dark grey ■	CS-R3	1SNK900107R0000	20	6.40
5	**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
6	**Test connectors**	5.2 mm 0.205 in spacing		Dark grey ■	TC5	1SNK900200R0000	10	5.20
		End module, 5.2 mm 0.205 in			TC5-R1	1SNK900201R0000	10	5.20
7	**Coding pegs**			Dark grey ■	COP-ZD	1SNK900636R0000	10	3.57
8	**Terminal block markers**	Blank marker		White ☐	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank card			MC512	1SNK140000R0000	22	9.00
					MC512PA	1SNK149999R0000	20	10.00
		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.

Technical data valid for copper conductors only.

TE connectivity

CDS4 Screw clamp female plugs
Female plug - 5.2 mm 0.205 in spacing

4 mm²
10 AWG

CDS4   CDS4-E

22.4 *0.88"*
24.3 *0.96"*
39.4 *1.55"*

5.2 mm 0.205 in spacing

Description

– Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
– Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
– Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.
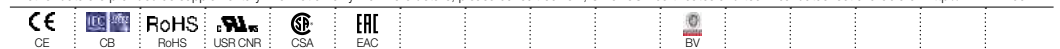
Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
Female plugs	Grey ☐	CDS4	1SNK805714R0000	50	3.90
Female plugs without outer nubs - Closed		CDS4-E	1SNK805715R0000	50	4.10

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
	with insulated ferrule	0.22 ... 2.5 mm²	24 ... 12 AWG
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG
	Flexible	0.22 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

Rail		
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

Mounting instructions

15 poles max.

CDS4
CDS4-E
CDS4

Accessories

1   2

3

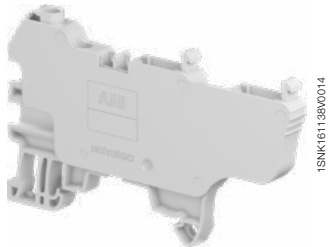|	Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) **g**
1	**Locking devices**	9.4 mm 0.370 in spacing	Black ■	VR-ZD	1SNK900637R0000	50	0.7
2	**Cable Clamp**	9.4 mm 0.370 in spacing	Dark grey ■	PT-ZD	1SNK900660R0000	50	1.04
3	**Terminal block markers**	Blank marker	White ☐	MG-CPM 13 41790	1SNB041790R0512	1960	0.23
		Blank strip label		MG-CPMFA 43196	1SNB043196R0012	350	2.56
		Blank card		MC512	1SNK140000R0000	22	9.00
				MC512PA	1SNK149999R0000	20	10.00
		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.
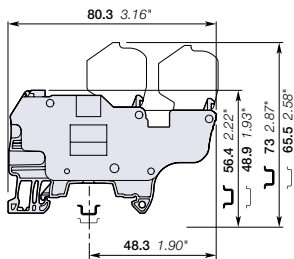
Technical data valid for copper conductors only.

TE connectivity

4

1SNK162295V0014
1SNK162296V0014

1SNK164007S0201

4 mm²
10 AWG

1SNK161138V0014

ZDS4-22-R1

80.3 *3.16"*
56.4 *2.22"*
48.9 *1.93"*
73 *2.87"*
65.5 *2.58"*
48.3 *1.90"*

6 mm 0.236 in spacing

Description

– Increase your productivity with pluggable terminal blocks: possibility of pre-produced plugs harnesses, time saving plug and play assembly, reduced transportation panels preparation and final installation, easily connect sub-assemblies together,

– Simplify and secure your installation: in site faulty connection errors are eliminated, prior connection testing is eased and reliable, test connectors (TC5-R1 + ES-TC6) withstanding 10 000 operations are compatible for convenient testing.

Ordering details

Description		Color	Type	Part Number		Pkg qty	Weight (1 pce) **g**
Feed-through	4 connections	Grey ☐	ZDS4-22-R1	1SNK806013R0000		40	12.60

Main technical data

Connecting capacity

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 … 4 mm²	24 … 10 AWG
	Flexible	0.22 … 4 mm²	
	with non insulated ferrule	0.22 … 4 mm²	24 … 10 AWG
	with insulated ferrule	0.22 … 4 mm²	24 … 10 AWG
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 … 1.5 mm²	24 … 16 AWG
	Flexible	0.22 … 1.5 mm²	
	with twin ferrule	0.22 … 1.5 mm²	24 … 16 AWG
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

| Rail		TH 35-7.5, TH 35-15
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Female plugs

Description		Color	Type	Part Number		Pkg qty	Weight (1 pce) **g**
Female plugs	1 pole	Grey ☐	CDS4-R1	1SNK806714R0000		50	4.10
Female plugs without outer nubs - Closed			CDS4-E	1SNK805715R0000		50	4.10

15 poles max.
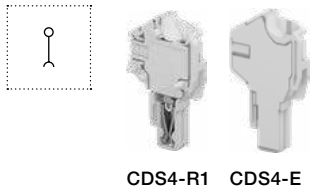
CDS4-R1   CDS4-E

Accessories

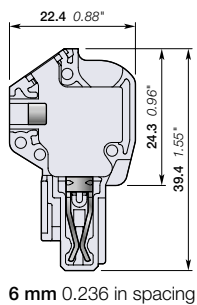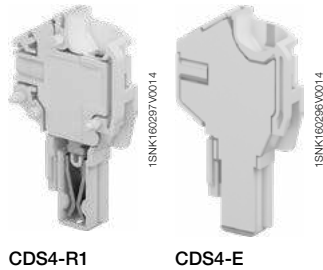|	Description			Color	Type	Part Number		Pkg qty	Weight (1 pce) **g**
1	**End stops**	10 mm	0.394 in	Dark grey ☐	BAM4	1SNK900001R0000		50	14.00
2	**Jumper bars**	2 poles	41 A (IEC)	Orange ☐	JB6-2	1SNK906302R0000		50	1.30
		3 poles	41 A (IEC)		JB6-3	1SNK906303R0000		50	2.10
		4 poles	41 A (IEC)		JB6-4	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
3	**Circuit separators**	3 mm	0.118 in	Dark grey ☐	CS-R3	1SNK900107R0000		20	6.40
4	**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
5	**Test connectors**	End module, 5.2 mm 0.205 in		Dark grey ☐	TC5-R1	1SNK900201R0000		10	5.20
6	**Spacers**	0.8 mm	0.031 in	Dark grey ☐	ES-TC6	1SNK900105R0000		10	0.80
7	**Coding pegs**			Dark grey ☐	COP-ZD	1SNK900636R0000		10	3.57
8	**Terminal block markers**	Blank marker		White ☐	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.

Technical data valid for copper conductors only.

1SNK164004S0201

TE connectivity

CDS4-R1 Screw clamp female plugs
Female plug - 6 mm 0.236 in spacing

4 mm²
10 AWG

CDS4-R1

CDS4-E

22.4 0.88"
24.3 0.96"
39.4 1.55"

6 mm 0.236 in spacing

Description

– Create your own female plug assemblies without any special tools, easily snap together multiple plugs for optimal ergonomics and quick assembly,
– Increase your flexibility: eliminate stock of pre-configured female plugs, easily add an extra plug in case of needed modification,
– Reduce your stock of unitary plugs up to 30%: only two plug variants are required to compose your own subsets of plugs from 2 to 15 poles.
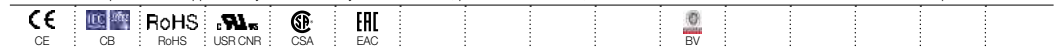
Ordering details

Description	Color	Type	Part Number	Pkg qty	Weight (1 pce) g
Female plugs	Grey ☐	CDS4-R1	1SNK806714R0000	50	4.10
Female plugs without outer nubs - Closed		CDS4-E	1SNK805715R0000	50	4.10

Main technical data

Connecting capacity		IEC	UL - CSA
1 conductor per clamp	Rigid - Solid / Stranded	0.2 ... 4 mm²	24 ... 10 AWG
	Flexible	0.22 ... 4 mm²	
	with non insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
	with insulated ferrule	0.22 ... 4 mm²	24 ... 10 AWG
	Gauge	A3-B3	
2 conductors per clamp	Rigid - Solid / Stranded	0.2 ... 1.5 mm²	24 ... 16 AWG
	Flexible	0.22 ... 1.5 mm²	
	with twin ferrule	0.22 ... 1.5 mm²	24 ... 16 AWG
Rated current / Rated cross section		29 A / 4 mm²	28 A / 10 AWG
Rated short-time withstand current (1s)		480 A	
Rated voltage		800 V	300 V
Impulse withstand voltage		8000 V	
Protection		IP20	NEMA 1

Mounting instructions

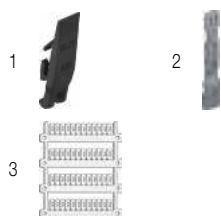| Rail		
Wire stripping length		10.5 mm 0.413 in
Tool		Flat screwdriver Ø 3.5 mm Ø 0.138 in
Torque		0.6 Nm ± 0.1 5.31 lb.in ± 0.885

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.TE.com

CE   CB   RoHS   USR CNR   CSA   EAC   BV

Mounting instructions

15 poles max.

CDS4-R1
CDS4-E
CDS4-R1

Accessories

1

2

3

	Description		Color	Type	Part Number	Pkg qty	Weight (1 pce) g
1	**Locking devices**	9.4 mm 0.370 in spacing	Black ■	VR-ZD	1SNK900637R0000	50	0.7
2	**Cable Clamp**	9.4 mm 0.370 in spacing	Dark grey ■	PT-ZD	1SNK900660R0000	50	1.04
3	**Terminal block markers**	Blank marker	White ☐	MG-CPM 13 41791	1SNB041791R0612	1680	0.27
		Blank strip label		MG-CPMFA 43196	1SNB043196R0012	350	2.56
		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.

Technical data valid for copper conductors only.

4

TE connectivity

1SNK164008S0201