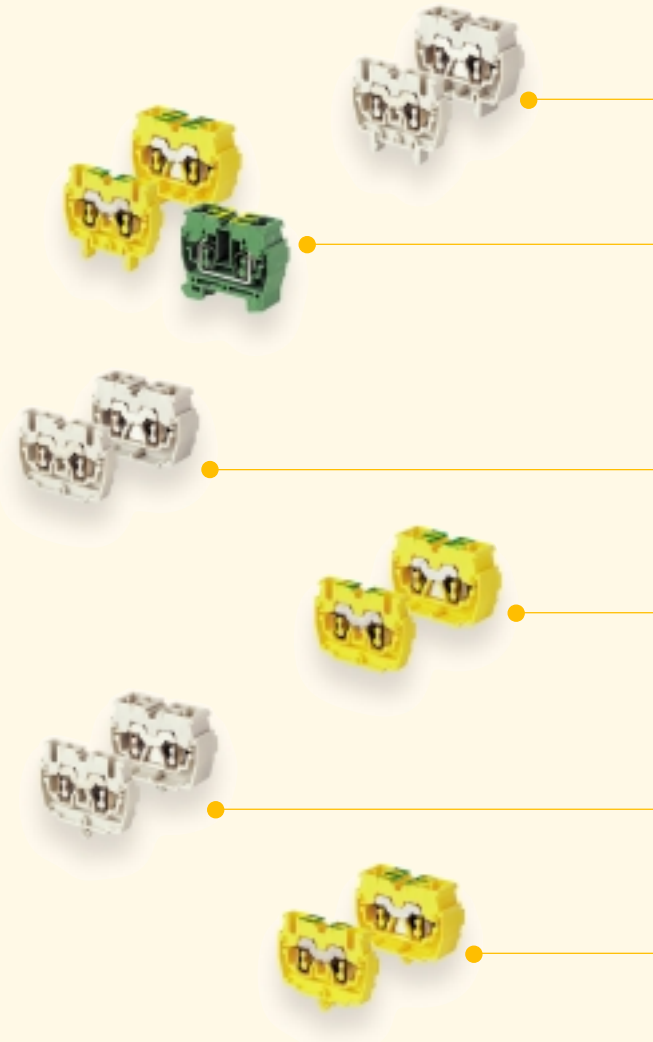


Terminal blocks entrelec on DIN 2 rails and other mounting modes

Spring connection

Summary

Mounting on DIN 2 rail

Miniblocks

Spring connection 309
Double spring connection 309

Ground miniblocks

Not electrically connected to the mounting rail 310
Electrically connected to the mounting rail 310

Base mount with flanges

Miniblocks 311

Spring connection
Double spring connection

Ground miniblocks

Not electrically connected to the mounting rail 312

Base mount with snap in mounting foot

Miniblocks 313

Spring connection
Double spring connection

Ground miniblocks

Not electrically connected to the mounting rail 314

SPRING MINI BLOCKS

With an overall width of 33 mm, the mini blocks offer 2 connections with a 5 mm spacing and 4 connections with a 10 mm spacing.

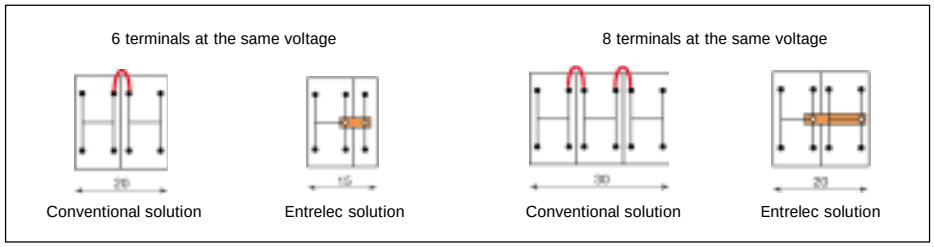
Mounting on sections DIN 2

Optimal connection capacity.

2.5 mm² (14 AWG) with an insulated ferrule, in 5 mm spacing.

Mini blocks designed for interconnection :

Entrelec Mini blocks all have built-in interconnection facilities, so the connection terminals are reserved for connecting conductors.



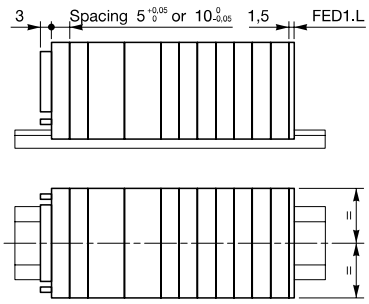
Numerous marking options.

- on the top of the blocks a marking car (up to 4 characters)
- an additional marking card (up to 4 characters) on each side of the blocks, to comply with specific requirements.

MINI BLOCKS MOUNTING AND ACCESSORIES

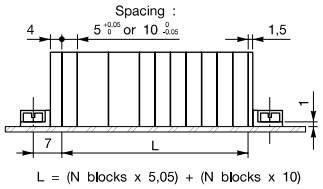
Rail mounted DIN2

DR 2,5/5.2L or DR 2,5/10.4L

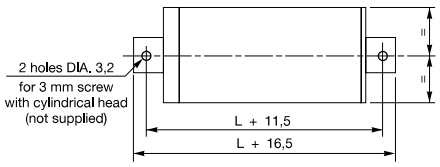


Panel mounted:

With flange:
DB 2,5/5.2L or DB 2,5/10.4L

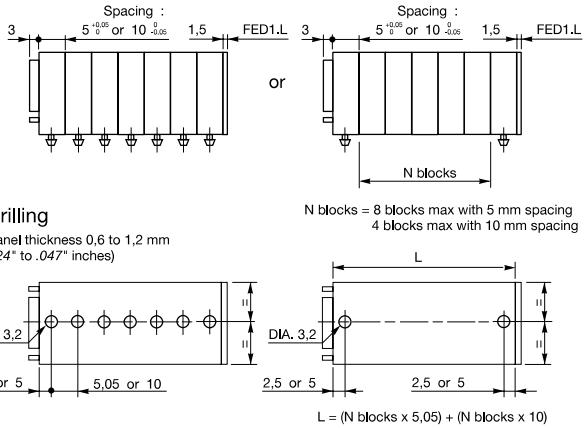


Drilling



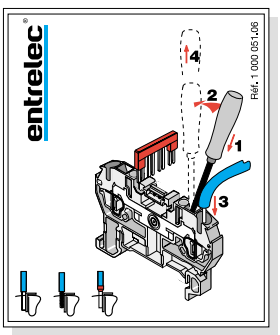
* For 10 mm blocks, mount a DH block every 4 blocks.
* For 5 mm blocks, mount a DH block every 8 blocks.

Clip-on: DH 2,5/5.2L or DH 2,5/10.4L



ETRES1

User stickers



ETRES1	**1SNB 000 051 R0600**

Miniblocks spring conection

DIN 2

End stop		th. 6,5 mm	**BADRL**	V0	**1SNA 199 420 R2100**
Rail		15 x 5 x 1	**PR2**		**1SNA 164 600 R1200**

Other end stops, rails and accessories : see section on accessories.

Notes

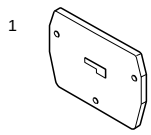
The use of some accessories may decrease the block's voltage rating.For more information, consult us.

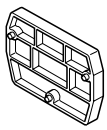
One wire per spring.

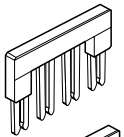
Terminal block body material is UL 94 V0.

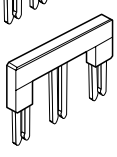
**Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

Accessories







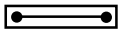


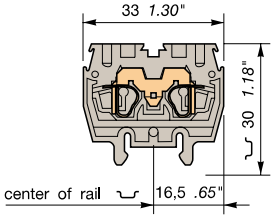
1	End section	grey	
		orange	
2	Separator	grey	
		orange	
3	Jumper bar IP 20 - 24 A	orange	
4	Jumper bar IP 20 - 24 A	orange	
R	See section on markers marking method		

DR 2,5/5.2L

Spacing 5 mm +0,05 *.198"*

2 springs Miniblocks.





Color	Type	Part number
2 springs Miniblocks		
Grey	**DR 2,5/5.2L**	**1SNA 290 201 R1100**
Orange	**DR 2,5/5.2L**	**1SNA 290 202 R1200**
Blue	**DR 2,5/5.N.2L**	**1SNA 290 203 R1300**

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Solid wire	0,12-4 * mm²	26-12 AWG
Stranded wire	0,12-2,5 mm²	26-12 AWG
With isolated ferrule	0,5-2,5 mm²	

Voltage		
Rated	800 V	600 V
Pulse	8 kV	
Pollution degree	3	
Current		
Rated	24 A	15 A
Wire size		
Rated / Gauge	2,5 mm² / A2	12 AWG

Wire strip. length	Recomm. screw	Recomm. torque	Protection
9,5 mm	3,5 mm		IP 20
.37"	*.14"*		*NEMA 1*

Type			Part number
FED1.L	V0	th. 1,5 mm	1SNA 291 301 R0200
FED1.L	V0	th. 1,5 mm	1SNA 291 302 R0300
FED2.L	V0	th. 4,0 mm	1SNA 291 311 R2300
FED2.L	V0	th. 4,0 mm	1SNA 291 312 R2400
BJDL5.2	V0	2 poles	1SNA 291 102 R2300
BJDL5.3	V0	3 poles	1SNA 291 103 R2400
BJDL5.4	V0	4 poles	1SNA 291 104 R2500
BJDL5.5	V0	5 poles	1SNA 291 105 R2600
BJDL5.6	V0	6 poles	1SNA 291 106 R2700
BJDL5.7	V0	7 poles	1SNA 291 107 R2000
BJDL5.8	V0	8 poles	1SNA 291 108 R0100
BJDL5.9	V0	9 poles	1SNA 291 109 R0200
BJDL5.10	V0	10 poles	1SNA 291 110 R2600

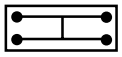
See section: Mounting and accessories

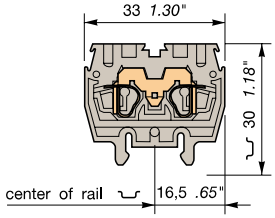
On top:	5	RC 55
On sides:	5	RC 55

DR 2,5/10.4L

Spacing 10 mm -0,05 *.394"*

4 springs Miniblocks.





Color	Type	Part number
4 springs Miniblocks		
Grey	**DR 2,5/10.4L**	**1SNA 290 211 R0200**
Orange	**DR 2,5/10.4L**	**1SNA 290 212 R0300**
Blue	**DR 2,5/10.N.4L**	**1SNA 290 213 R0400**

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Solid wire	0,12-4 * mm²	26-12 AWG
Stranded wire	0,12-2,5 mm²	26-12 AWG
With isolated ferrule	0,5-2,5 mm²	

Voltage		
Rated	800 V	600 V
Pulse	8 kV	
Pollution degree	3	
Current		
Rated	24 A	15 A
Wire size		
Rated/gauge	2,5 mm² / A2	12 AWG

Wire strip. length	Recomm. screw	Recomm. torque	Protection
9,5 mm	3,5 mm		IP 20
.37"	*.14"*		*NEMA 1*

Type			Part number
FED1.L	V0	th. 1,5 mm	1SNA 291 301 R0200
FED1.L	V0	th. 1,5 mm	1SNA 291 302 R0300
FED2.L	V0	th. 4,0 mm	1SNA 291 311 R2300
FED2.L	V0	th. 4,0 mm	1SNA 291 312 R2400
BJDL10.2	V0	2 poles	1SNA 291 322 R2600
BJDL10.3	V0	3 poles	1SNA 291 323 R2700
BJDL10.4	V0	4 poles	1SNA 291 324 R2000
BJDL10.5	V0	5 poles	1SNA 291 325 R2100

See section: Mounting and accessories

On top:	5	RC 55
On sides:	5	RC 55

Miniblocks spring connection

ground terminal blocks not electrically connected to the mounting rail

DIN 2

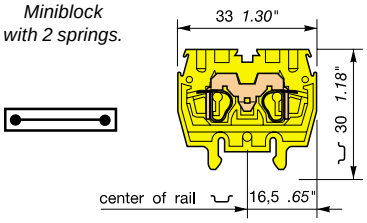
** Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

Other accessories of this terminal blocks: See pages of same size standard blocks.

DR 2,5/5.PI.2L

Spacing 5 mm +0,05 *.198"*

Miniblock with 2 springs.

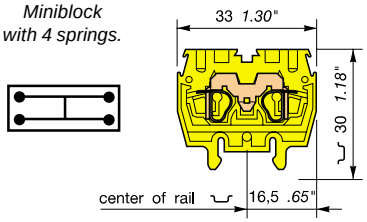


Type	Part number
Miniblocks with 2 springs	
Yellow body / Green marking	
DR 2,5/5.PI.2L	1SNA 290 210 R1500

DR 2,5/10.PI.4L

Spacing 10 mm -0,05 *.394"*

Miniblock with 4 springs.



Type	Part number
Miniblocks with 4 springs	
Yellow body / Green marking	
DR 2,5/10.PI.4L	1SNA 290 220 R1700

Characteristics

		IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA
Wire size	Solid wire	0,12-4 * mm²	26-12 AWG	0,12-4 * mm²	26-12 AWG		
	Stranded wire	0,12-2,5 mm²	26-12 AWG	0,12-2,5 mm²	26-12 AWG		
Rated current short-circuit		300 A / 1s.		300 A / 1s.			
Rated wire size nominal / gauge		2,5 mm² / A2	12 AWG	2,5 mm² / A2	12 AWG		

Other characteristics

	Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection
	9,5 mm	3,5 mm		IP 20	9,5 mm	3,5 mm		IP 20				
	.37"	.14"		NEMA 1	.37"	.14"		NEMA 1				

Approvals

Accessories

			Type	Part number	Type	Part number	Type	Part number
1	End section	grey	FED1.L V0 th. 1,5 mm	1SNA 291 301 R0200	FED1.L V0 th. 1,5 mm	1SNA 291 301 R0200		
		orange	FED1.L V0 th. 1,5 mm	1SNA 291 302 R0300	FED1.L V0 th. 1,5 mm	1SNA 291 302 R0300		
R	See section on markers	mode	⑤ RC55		⑤ RC55			

Miniblocks spring connection

ground terminal blocks electrically connected to the mounting rail

DIN 2

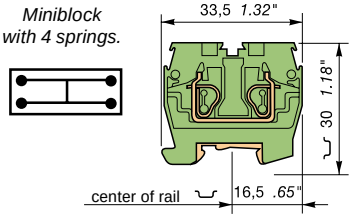
** Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

Other accessories of this terminal blocks: See pages of same size standard blocks.

DR 2,5/10.P.4L

Spacing 10 mm -0,05 *.394"*

Miniblock with 4 springs.



Type	Part number
Miniblocks with 4 springs	
Green body / Yellow marking	
DR 2,5/10.P.4L	1SNA 290 219 R1200

Characteristics

		IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA
Wire size	Solid wire			0,12-4 * mm²	26-12 AWG		
	Stranded wire			0,12-2,5 mm²	26-12 AWG		
Rated current short-circuit				300 A / 1s.			
Rated wire size nominal / gauge				2,5 mm² / A2	12 AWG		

Other characteristics

	Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection
					9,5 mm	3,5 mm		IP 20				
					.37"	.14"		NEMA 1				

Approvals

Accessories

			Type	Part number	Type	Part number	Type	Part number
1	End section	grey			FED1.L V0 th. 1,5 mm	1SNA 291 301 R0200		
		orange			FED1.L V0 th. 1,5 mm	1SNA 291 302 R0300		
R	See section on markers	mode			⑤ RC55			

Miniblocks spring connection

Base mount with flanges

For drilling pattern see page: assembly and accessories.

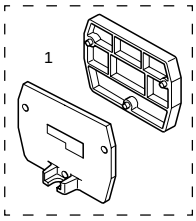
Notes

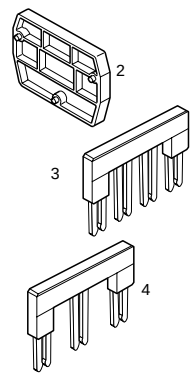
The use of some accessories may decrease the block's voltage rating. For more information, consult us.

One wire per spring.
Terminal block body material is UL 94 V0.

**Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

Accessories



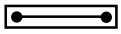


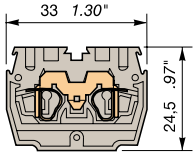
1	End section		grey orange
2	Separator		grey orange
3	Jumper bar IP 20 - 24 A		orange
4	Jumper bar IP 20 - 24 A		orange
R	See section on markers	marking method	

DB 2,5/5.2L

Spacing 5 mm + 0,05 *.198"*

Miniblock with 2 springs.





Color	Type	Part number
Miniblocks with 2 springs		
Grey	**DB 2,5/5.2L**	**1SNA 290 241 R1000**
Orange	**DB 2,5/5.2L**	**1SNA 290 242 R1100**
Blue	**DB 2,5/5.N.2L**	**1SNA 290 243 R1200**

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Solid wire	0,12-4 * mm²	26-12 AWG
Stranded wire	0,12-2,5 mm²	26-12 AWG
With isolated ferrule	0,5-2,5 mm²	

Voltage		
Rated	800 V	600 V
Pulse	8 kV	
Pollutiond degree	3	
Current		
Rated	24 A	15 A
Wire size		
Rated / Gauge	2,5 mm² / A2	12 AWG

Wire strip. length	Recomm. screwdriver	Recomm torque	Protection
9,5 mm	3,5 mm		IP 20
.37"	*.14"*		*NEMA 1*

Type			Part number
FEDB.L	V0		1SNA 290 281 R0100
FEDB.L	V0		1SNA 290 282 R0200
FED2.L	V0	th. 4,0 mm	1SNA 291 311 R2300
FED2.L	V0	th. 4,0 mm	1SNA 291 312 R2400
BJDL5.2	V0	2 poles	1SNA 291 102 R2300
BJDL5.3	V0	3 poles	1SNA 291 103 R2400
BJDL5.4	V0	4 poles	1SNA 291 104 R2500
BJDL5.5	V0	5 poles	1SNA 291 105 R2600
BJDL5.6	V0	6 poles	1SNA 291 106 R2700
BJDL5.7	V0	7 poles	1SNA 291 107 R2000
BJDL5.8	V0	8 poles	1SNA 291 108 R0100
BJDL5.9	V0	9 poles	1SNA 291 109 R0200
BJDL5.10	V0	10 poles	1SNA 291 110 R2600

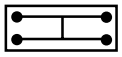
See page: assembly and accessories

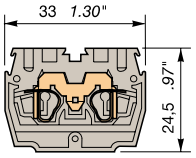
On top	⑤	RC 55
On side	⑤	RC 55

DB 2,5/10.4L

Spacing 10 mm - 0,05 *.394"*

Miniblock with 4 springs.





Color	Type	Part number
Miniblocks with 4 springs		
Grey	**DB 2,5/10.4L**	**1SNA 290 251 R1200**
Orange	**DB 2,5/10.4L**	**1SNA 290 252 R1300**
Blue	**DB 2,5/10.N.4L**	**1SNA 290 253 R1400**

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Solid wire	0,12-4 * mm²	26-12 AWG
Stranded wire	0,12-2,5 mm²	26-12 AWG
With isolated ferrule	0,5-2,5 mm²	

Voltage		
Rated	800 V	600 V
Pulse	8 kV	
Pollution degree	3	
Current		
Rated	24 A	15 A
Wire size		
Rated/gauge	2,5 mm² / A2	12 AWG

Wire strip. length	Recomm. screwdriver	Recomm torque	Protection
9,5 mm	3,5 mm		IP 20
.37"	*.14"*		*NEMA 1*

Type			Part number
FEDB.L	V0		1SNA 290 281 R0100
FEDB.L	V0		1SNA 290 282 R0200
FED2.L	V0	th. 4,0 mm	1SNA 291 311 R2300
FED2.L	V0	th. 4,0 mm	1SNA 291 312 R2400
BJDL10.2	V0	2 poles	1SNA 291 322 R2600
BJDL10.3	V0	3 poles	1SNA 291 323 R2700
BJDL10.4	V0	4 poles	1SNA 291 324 R2000
BJDL10.5	V0	5 poles	1SNA 291 325 R2100

See page: assembly and accessories

On top	⑤	RC 55
On side	⑤	RC 55

Miniblocks spring connection

Isolated ground not electrically connected to the mounting plate

Base mount with flanges

** Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

Other accessories of this terminal blocks : See pages of same size standard blocks.

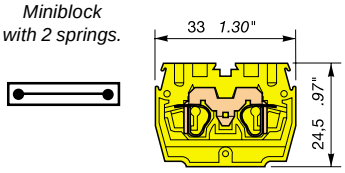
B

2

DB 2,5/5.PI.2L

Spacing 5 mm + 0,05 *.198"*

Miniblock with 2 springs.

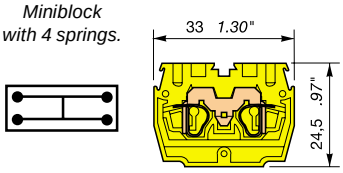


Type	Part number
Miniblocks with 2 springs	
Yellow body / Green marking	
DB 2,5/5.PI.2L	1SNA 290 250 R2500

DB 2,5/10.PI.4L

Spacing 10 mm - 0,05 *.394"*

Miniblock with 4 springs.



Type	Part number
Miniblocks with 4 springs	
Yellow body / Green marking	
DB 2,5/10.PI.4L	1SNA 290 260 R2700

Characteristics		IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA
Wire size	Solid wire	0,12-4 * mm²	26-12 AWG	0,12-4 * mm²	26-12 AWG		
	Stranded wire	0,12-2,5 mm²	26-12 AWG	0,12-2,5 mm²	26-12 AWG		
Rated current short-circuit		300 A / 1s.		300 A / 1s.			
Rated wire size nominal / gauge		2,5 mm² / A2	12 AWG	2,5 mm² / A2	12 AWG		

Other characteristics	Wire strip. length	Recomm. screwdriver		Protection
	9,5 mm	3,5 mm		IP 20
	.37"	.14"		NEMA 1

Approvals

Accessories			Type	Part number
1	End section	grey	FEDB.L V0	1SNA 290 281 R0100
		orange	FEDB.L V0	1SNA 290 282 R0200
R	See section on markers	mode	⑤ RC55	

Type	Part number

Characteristics		IEC NFC DIN	UL/CSA
Wire size	Solid wire		
	Stranded wire		
Rated current short-circuit			
Rated wire size nominal / gauge			

Other characteristics	Wire strip. length	Recomm. screwdriver		Protection

Approvals

Accessories	Type	Part number

Miniblocks spring connection

Base mount with snap in mounting foot

For panel with 0,6 to 1,2 mm thickness.
For drilling pattern see page: assembly and accessories.

Notes

The use of some accessories may decrease the block's voltage rating. For more information, consult us.

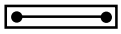
One wire per spring.
Terminal block body material is UL 94 V0.

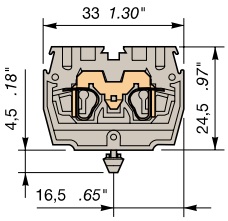
**Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

DH 2,5/5.2L

Spacing 5 mm + 0,05 *.198"*

Miniblock with 2 springs.





Color	Type	Part number
Miniblocks with 2 springs		
Grey	DH 2,5/5.2L	1SNA 290 261 R1400
Orange	DH 2,5/5.2L	1SNA 290 262 R1500
Blue	DH 2,5/5.N.2L	1SNA 290 263 R1600

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Solid wire	0,12-4 * mm²	26-12 AWG
Stranded wire	0,12-2,5 mm²	26-12 AWG
With isolated ferrule	0,5-2,5 mm²	

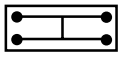
Voltage		
Rated	800 V	600 V
Pulse	8 kV	
Pollutiond degree	3	
Current		
Rated	24 A	15 A
Wire size		
Rated / Gauge	2,5 mm² / A2	12 AWG

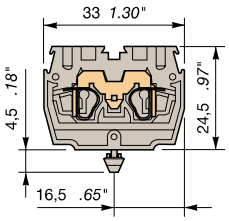
Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm	3,5 mm		IP 20
.37"	*.14"*		*NEMA 1*

DH 2,5/10.4L

Spacing 10 mm - 0,05 *.394"*

Miniblock with 4 springs.





Color	Type	Part number
Miniblocks with 4 springs		
Grey	DH 2,5/10.4L	1SNA 290 271 R1600
Orange	DH 2,5/10.4L	1SNA 290 272 R1700
Blue	DH 2,5/10.N.4L	1SNA 290 273 R1000

Characteristics

Wire size

	IEC NFC DIN	UL/CSA
Solid wire	0,12-4 * mm²	26-12 AWG
Stranded wire	0,12-2,5 mm²	26-12 AWG
With isolated ferrule	0,5-2,5 mm²	

Voltage		
Rated	800 V	600 V
Pulse	8 kV	
Pollution degree	3	
Current		
Rated	24 A	15 A
Wire size		
Rated/gauge	2,5 mm² / A2	12 AWG

Wire strip. length	Recomm. screwdriver	Recomm. torque	Protection
9,5 mm	3,5 mm		IP 20
.37"	*.14"*		*NEMA 1*

Accessories

			Type			Part number
1	**1** End section	grey	FED1.L	V0	th. 1,5 mm	1SNA 291 301 R0100
		orange	FED1.L	V0	th. 1,5 mm	1SNA 291 302 R0200
2	**2** Separator	grey	FED2.L	V0	th. 4,0 mm	1SNA 291 311 R2300
		orange	FED2.L	V0	th. 4,0 mm	1SNA 291 312 R2400
3	**3** Jumper bar IP 20 - 24 A	orange	BJDL5.2	V0	2 poles	1SNA 291 102 R2300
			BJDL5.3	V0	3 poles	1SNA 291 103 R2400
			BJDL5.4	V0	4 poles	1SNA 291 104 R2500
			BJDL5.5	V0	5 poles	1SNA 291 105 R2600
			BJDL5.6	V0	6 poles	1SNA 291 106 R2700
			BJDL5.7	V0	7 poles	1SNA 291 107 R2000
			BJDL5.8	V0	8 poles	1SNA 291 108 R0100
			BJDL5.9	V0	9 poles	1SNA 291 109 R0200
			BJDL5.10	V0	10 poles	1SNA 291 110 R2600
4	**4** Jumper bar IP 20 - 24 A	orange	BJDL10.2	V0	2 poles	1SNA 291 322 R2600
			BJDL10.3	V0	3 poles	1SNA 291 323 R2700
			BJDL10.4	V0	4 poles	1SNA 291 324 R2000
			BJDL10.5	V0	5 poles	1SNA 291 325 R2100
R	**R** See section on markers marking method		On top: Ⓢ RC 55			
			On sides: Ⓢ RC 55			

See page: Assembly and accessories

See page: Assembly and accessories

On top: Ⓢ RC 55
On sides: Ⓢ RC 55

Miniblocks spring connection

Isolated ground not electrically connected to the mounting plate

Base mount with snap in mounting foot

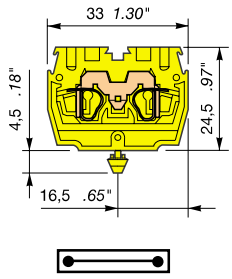
** Entrelec spring connection terminal blocks comply with IEC 947-1 standard for 2.5 mm² rated wire size. Never the less, our spring terminal blocks can be connected to 4 mm² solid wires.*

Other accessories of this terminal blocks: See pages of same size standard blocks.

B
2

DH 2,5/5.PI.2L

Spacing 5 mm + 0,05 *.198"*

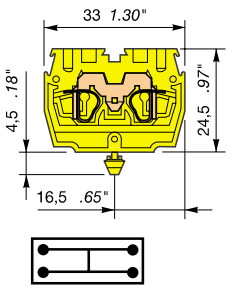


Miniblock with 2 springs.

Type	Part number
Miniblocks with 2 springs	
Yellow body / Green marking	
DH 2,5/5.PI.2L	1SNA 290 270 R2100

DH 2,5/10.PI.4L

Spacing 10 mm - 0,05 *.394"*



Miniblock with 4 springs.

Type	Part number
Miniblocks with 4 springs	
Yellow body / Green marking	
DH 2,5/10.PI.4L	1SNA 290 280 R1400

Characteristics

		IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA
Wire size	Solid wire	0,12-4 * mm²	26-12 AWG	0,12-4 * mm²	26-12 AWG		
	Stranded wire	0,12-2,5 mm²	26-12 AWG	0,12-2,5 mm²	26-12 AWG		
Rated current short-circuit		300 A / 1s.		300 A / 1s.			
Rated wire size nominal / gauge		2,5 mm² / A2	12 AWG	2,5 mm² / A2	12 AWG		

Other characteristics

Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection
9,5 mm	3,5 mm		IP 20	9,5 mm	3,5 mm		IP 20				
.37"	*.14"*		*NEMA 1*	*.37"*	*.14"*		*NEMA 1*				

Approvals

Accessories

			Type	Part number	Type	Part number	Type	Part number
1	End section	grey	FED1.L V0 th.1,5 mm	1SNA 291 301 R0100	FED1.L V0 th.1,5 mm	1SNA 291 301 R0100		
		orange	FED1.L V0 th.1,5 mm	1SNA 291 302 R0200	FED1.L V0 th.1,5 mm	1SNA 291 302 R0200		
R	See section on markers	mode	⑤ RC55		⑤ RC55			

Characteristics

		IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA	IEC NFC DIN	UL/CSA
Wire size	Solid wire						
	Stranded wire						
Rated current short-circuit							
Rated wire size nominal / gauge							

Other characteristics

Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection	Wire strip. length	Recomm. screwdriver		Protection

Approvals

Accessories

NOTES