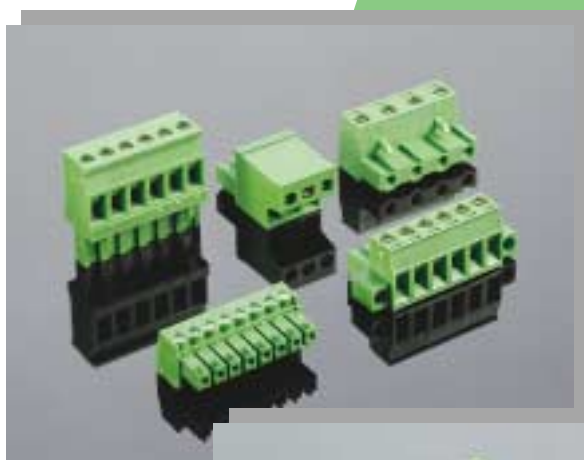


CONNECTORS

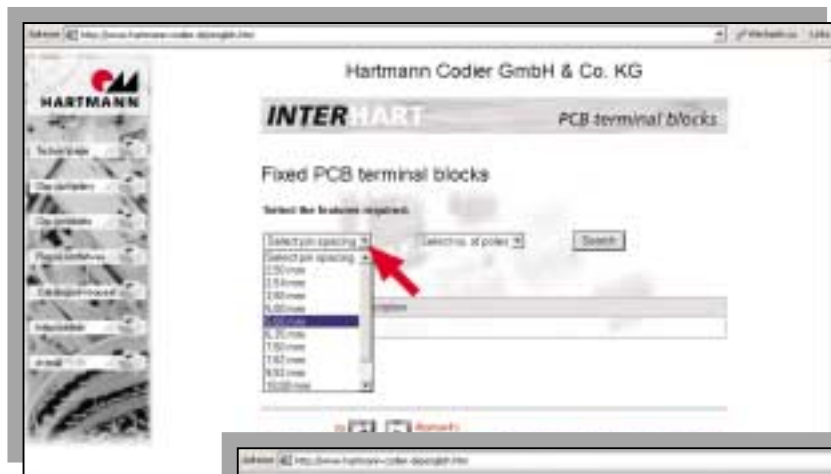
PCB terminal blocks for
highly dependable
connections



www.hartmann-codier.de

Connector Search Engine on www.hartmann-codier.de

for Fixed PCB Terminal Blocks, Pluggable PCB Terminal Blocks and Headers. Please proceed this way:





„Hartmann – Synonymous with excellence“

„Hartmann – synonymous with excellence“.

This applies to our staff as well as to our products and is confirmed by our world wide customer base. This policy has been our uppermost priority and will continue to the future.

Hartmann Codier was founded in 1961 under the name Hartmann Gerätebau and manufactures components for the electronical industry all-over the world. The two manufacturing sites are within easy reach at Baiersdorf; 20 minutes from Nürnberg Airport, on the A73 and directly on the Nürnberg to Bamberg rail line, and also at Eckersdorf, near Bayreuth.

Fixed PCB terminal blocks, pluggable PCB terminal blocks and headers are commonly used connection elements in all technical areas.

These components are subject to high demands. Contact quality, Clamping reliability, corrosion resistance and troublefree handling are basic requirements.

Our **INTERHART** programme includes a standard range with many variations for nearly every application.

Approvals from UL, cUL and VDE are available. For new products approvals are pending. Please check the technical data.

All dimensions in this catalogue are indicated in mm. We reserve the right to carry out modifications in the interest of technical progress. The catalogue represents the latest level of technology on the day it was published.

Therefore please recheck when you are going to define your own specification that the data is still valid.

On catalogue pages 26 and 27 we show the combination of pluggable terminal blocks and headers.

At this point we should like to draw your attention to our Internet Service. The URL is <http://www.hartmann-codier.de>, and includes a connector search engine. Entering the number of poles, and the pin spacing there are listed the models which may be considered. For further questions, please contact our sales team.

Since 1994 our entire quality policy has been focused on the ISO 9001 quality standard.

A target, we keep to every day.

The partnership with our customers has been achieved by constant dialogue, confidence and reliability that we consider critical for our continued success in the future.

HARTMANN CODIER GMBH & CO. KG

Page	Type	Pitch	Poles	Elements module = M single mold = B
------	------	-------	-------	---

Headers (green, *black)				
35	ST02	5,08	2 – 24	B
35	ST04	5,08	2 – 24	B
36	ST06	5,08	2 – 24	B
36	ST06..F	5,08	2 – 10	B
37	ST08	5,08	2 – 24	B
37	ST08..F	5,08	2 – 10	B
38	ST13*	5,00	1 – 24	B
38	ST14	5,00	2 – 24	B
39	ST14..F	5,00	2 – 10	B
39	ST15	5,00	2 – 24	B
40	ST15..F	5,00	2 – 10	B
40	ST16	5,00	2 – 24	B
41	ST17	5,00	2 – 24	B
41	ST18	7,62	2 – 16	B
42	ST19	7,62	2 – 16	B
42	ST29	7,62	2 – 16	B
44	ST30	7,62	2 – 16	B
44	ST37	3,81	2 – 16	B
45	ST39	3,81	2 – 16	B
45	ST70	5,08	2 – 12	M
46	ST70..F	5,08	2 – 12	M
46	ST71	5,08	2 – 12	M

Headers are available with open and closed ends. Our pluggable PCB terminal blocks have got a large wire entry and offer screw-cage clamp configuration. The captive screws are retained in any terminal block housing irrespective of mounting orientation. For additional security of the connection, some types are offered with fixing screws.

Remarks



Terminal identification

You can select from three methods, hot stamping, ink jet printing or marking strips. Our minimum order quantity is 500 pcs. Printing is in white.

Marking strips are blank or printed with the letters 1 – 12, 13 – 24, 25 – 36 and 37 – 48. Printing is in black.



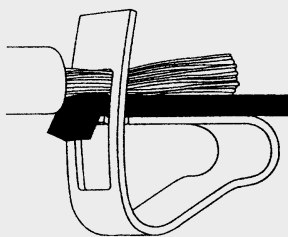
Keying pins

Misplugging is possible, where you have open ended headers or several pluggable PCB terminal blocks. This can be prevented by using keying pins for plugs and headers without loss of poles.

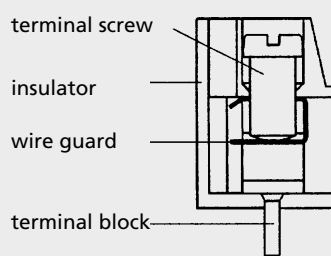
The keying can be removed or changed at any time.

Connecting principles

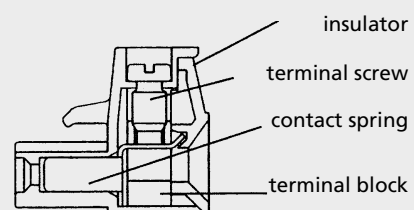
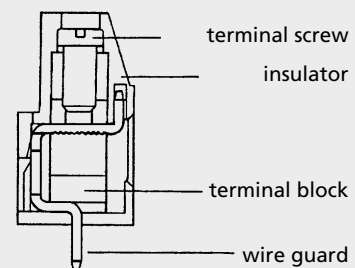
Spring clamp design



Wire guard design



Screw cage clamp design





Compatibility of headers and pluggable terminal blocks

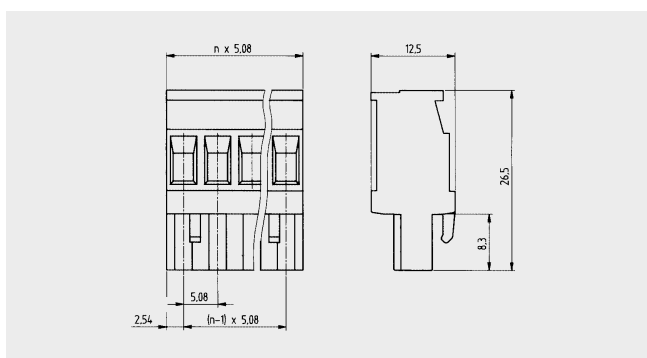
	Page			35	35	36	36	37	37	38	38	39	39	40	40
Page	Type	Type		ST02	ST04	ST06	ST06..F	ST08	ST08..F	ST13	ST14	ST14..F	ST15	ST15..F	ST16
		pin spacing		5,08	5,08	5,08	5,08	5,08	5,08	5,00	5,00	5,00	5,00	5,00	5,00
		No. of Poles		2 – 24	2 – 24	2 – 24	2 – 10	2 – 24	2 – 10	1 – 24	2 – 24	2 – 10	2 – 24	2 – 10	2 – 24
14	PK13	5,00								●					
28	BU02	5,08	2 – 16	●	●	●		●							
28	BU04	5,08	2 – 16	●	●	●		●							
29	BU06	5,00	2 – 20								●		●		●
29	BU08	5,00	2 – 20								●		●		●
30	BU10	3,81	2 – 16												
30	BU20	3,81	2 – 16												
31	BU40	3,81	2 – 16												
31	BU39	5,0	1 – 24								●		●		●
32	BU95	5,08	2 – 24	●	●	●		●							
32	BU95F	5,08	2 – 10				●		●						
33	BU96	5,00	2 – 24								●		●		●
33	BU96F	5,00	2 – 10									●		●	
34	BU97	7,62	2 – 16												
34	BU98	5,08	2 – 24	●	●	●		●							



41	41	42	42	44	44	45	45	46	46
ST17	ST18	ST19	ST29	ST30	ST37	ST39	ST70	ST70..F	ST71
5,00	7,62	7,62	7,62	7,62	3,81	3,81	5,08	5,08	5,08
2 – 24	2 – 16	2 – 16	2 – 16	2 – 16	2 – 16	2 – 16	2 – 12	2 – 12	2 – 12
							●		●
							●		●
●									
●									
					●	●			
					●	●			
					●	●			
●									
							●		●
								●	
●									
	●	●	●	●					
							●		●

Type BU02..

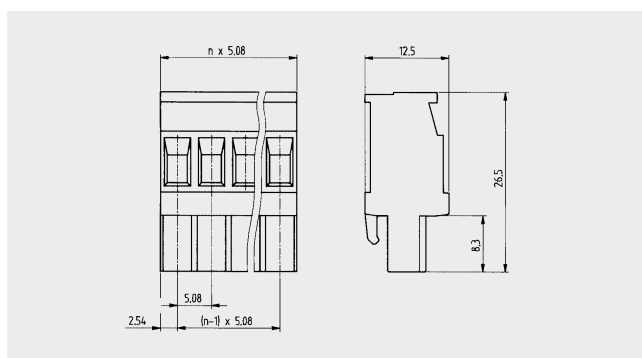
- 5,08 mm pin spacing
- screw cage clamp
- 2-16 poles
- wire entry on locking tab side
- 2,7 x 3,5 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-10	AWG 22-10	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3
Max. rated cross section			
Single wire (solid)			2,5 mm ²
Stranded wire (flexible)			2,5 mm ²
Stranded wire with ferrules			2,5 mm ²
Dimensions			
Spacing			5,08 mm
Stripped length			7,0 mm
Materials			
Insulating material			PA
Flammability class			UL94 V-0
Temperature range			-30°C/+105°C
Terminal block			CuZn
Wire guard			CuSn
Colour			
green			RAL 6018

Type BU04..

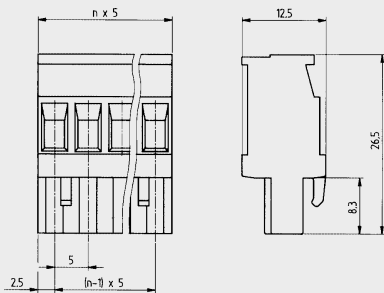
- 5,08 mm pin spacing
- screw cage clamp
- 2-16 poles
- wire entry opposite to locking tab side
- 2,7 x 3,5 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-10	AWG 22-10	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3
Max. rated cross section			
Single wire (solid)			2,5 mm ²
Stranded wire (flexible)			2,5 mm ²
Stranded wire with ferrules			2,5 mm ²
Dimensions			
Spacing			5,08 mm
Stripped length			7,0 mm
Materials			
Insulating material			PA
Flammability class			UL94 V-0
Temperature range			-30°C/+105°C
Terminal block			CuZn
Wire guard			CuSn
Colour			
green			RAL 6018

Type BU06..

- 5,0 mm pin spacing
- screw cage clamp
- 2 - 20 poles
- wire entry on locking tab side
- 2,7 x 3,5 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-10	AWG 22-10	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,0 mm
Stripped length	7,0 mm

Materials

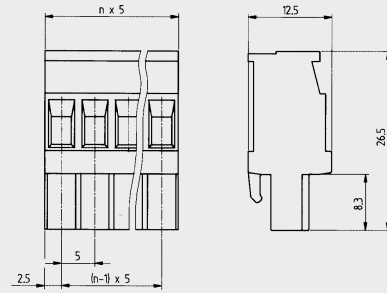
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour
green

RAL 6018

Type BU08..

- 5,0 mm pin spacing
- screw cage clamp
- 2 - 20 poles
- wire entry opposite to locking tab side
- 2,7 x 3,5 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-10	AWG 22-10	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,0 mm
Stripped length	7,0 mm

Materials

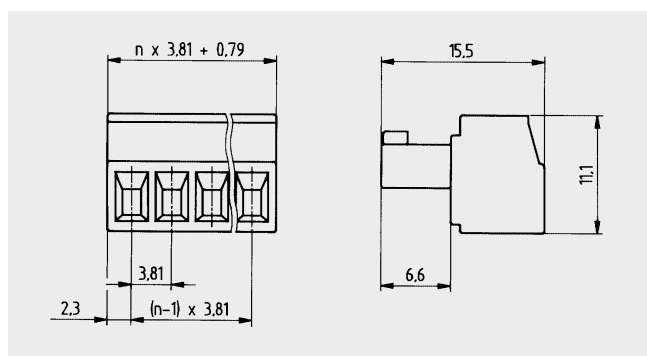
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour
green

RAL 6018

Type BU10..

- 3,81 mm pin spacing
- screw cage clamp
- 2 - 16 poles
- 1,7 x 2,7 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	160 V
Rated current	8 A	8 A	9 A (T60)
Wire size	AWG 28-16	AWG 28-16	1,5 mm²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,4 Nm/M2

Max. rated cross section

Single wire (solid)	1,5 mm ²
Stranded wire (flexible)	1,0 mm ²
Stranded wire with ferrules	1,0 mm ²

Dimensions

Spacing	3,81 mm
Stripped length	7,0 mm

Materials

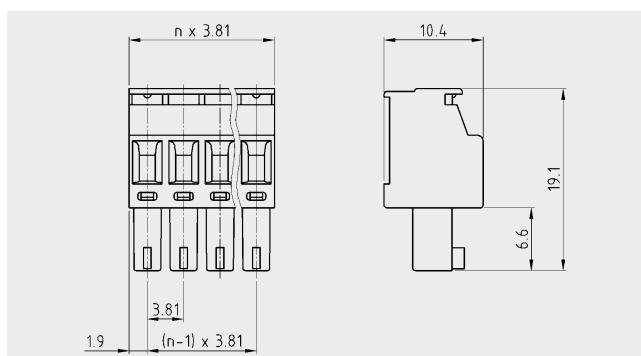
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

green	RAL 6018
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Type BU20..

- screw cage clamp
- 2...16poles
- 1,7 x 2,7 mm clamp opening
- 3,81 mm pin spacing



	UL 1059*	cUL as per* CSA 22.2 No. 158	* Approvals are pending DIN VDE 0627*
Rated voltage	300 V	300 V	160 V
Rated current	8 A	8 A	9 A (T60)
Wire size	AWG 28-16	AWG 28-16	1,5 mm²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,4 Nm/M2

Max. rated cross section

Single wire (solid)	1,5 mm ²
Stranded wire (flexible)	1,0 mm ²
Stranded wire with ferrules	1,0 mm ²

Dimensions

Spacing	3,81 mm
Stripped length	7,0 mm

Materials

Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

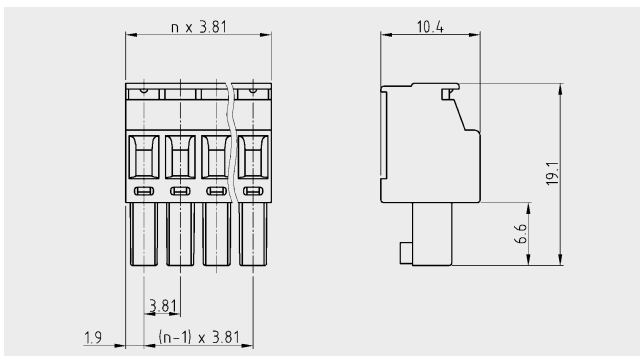
green	RAL 6018
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Type BU40..

- screw cage clamp
- 2...16poles
- 1,7 x 2,7 mm clamp opening
- 3,81 mm pin spacing

New!



	UL 1059*	cUL as per* CSA 22.2 No. 158	* Approvals are pending DIN VDE 0627*
Rated voltage	300 V	300 V	160 V
Rated current	8 A	8 A	9 A (T60)
Wire size	AWG 28-16	AWG 28-16	1,5 mm²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,4 Nm/M2

Max. rated cross section

Single wire (solid)	1,5 mm ²
Stranded wire (flexible)	1,0 mm ²
Stranded wire with ferrules	1,0 mm ²

Dimensions

Spacing	3,81 mm
Stripped length	7,0 mm

Materials

Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

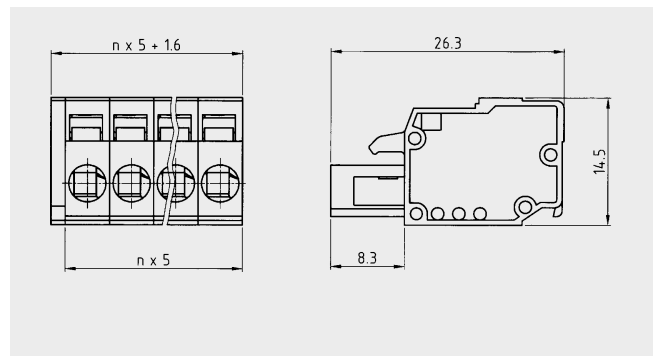
Colour

green	RAL 6018
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Type BU39..

- 5,0 mm pin spacing
- spring clamp
- 1 - 24 poles

**Screwless
Clamp Design**



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 28-12	AWG 28-12	2,5 mm²
Rated impulse voltage/Pollution degree			4 kV/3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	1,5 mm ²

Dimensions

Spacing	5,0 mm
Stripped length	8,5 mm

Materials

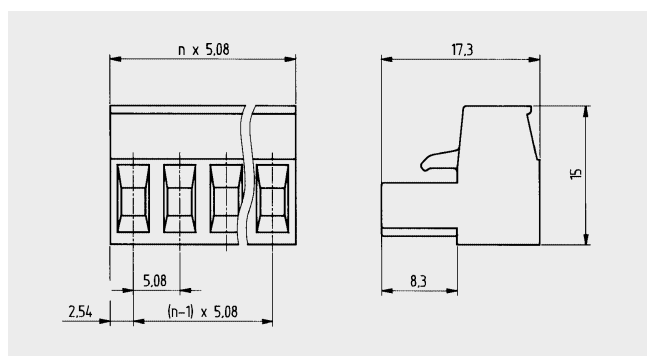
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Screw cage clamp	stainless steel
Wire guard	Cu

Colour

green	RAL 6018
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Type BU95..

- 5,08 mm pin spacing
- screw cage clamp
- 2 - 24 poles
- 2,7 x 3 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-12	AWG 22-12	2,5 mm²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M2

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,08 mm
Stripped length	6,0 mm

Materials

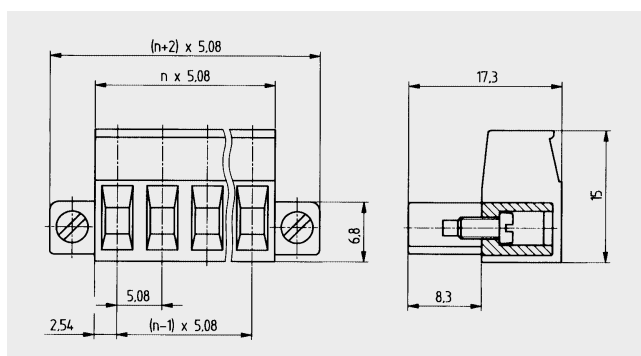
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

green	RAL 6018
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Type BU95..F

- 5,08 mm pin spacing
- screw cage clamp
- 2 - 10 poles
- 2,7 x 3 mm clamp opening
- with fixing flange



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-12	AWG 22-12	2,5 mm²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,08 mm
Stripped length	6,0 mm

Materials

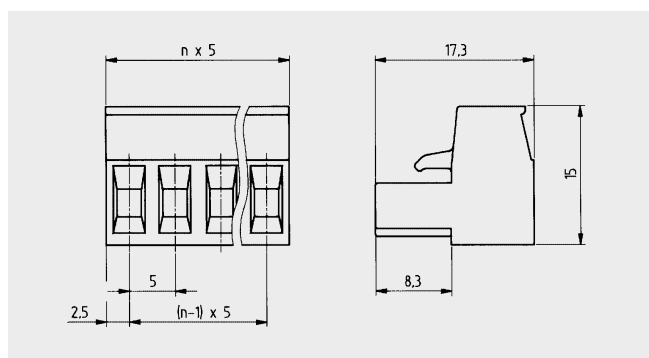
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

green	RAL 6018
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Type BU96..

- 5,0 mm pin spacing
- screw cage clamp
- 2 - 24 poles
- 2,7 x 3 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-12	AWG 22-12	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,0 mm
Stripped length	6,0 mm

Materials

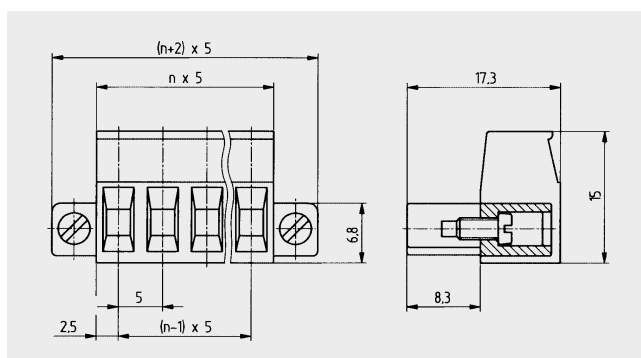
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

green	RAL 6018
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Type BU96..F

- 5,0 mm pin spacing
- screw cage clamp
- 2 - 10 poles
- 2,7 x 3 mm clamp opening
- with fixing flange



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-12	AWG 22-12	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,0 mm
Stripped length	6,0 mm

Materials

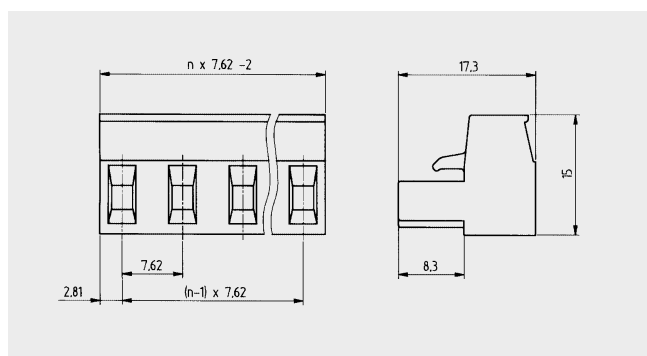
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

green	RAL 6018
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Type BU97..

- 7,62 mm pin spacing
- screw cage clamp
- 2 - 16 poles
- 2,6 x 2,8 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	400 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-12	AWG 22-12	2,5 mm ²
Rated impulse voltage/Pollution degree			6 kV/3
Rated torque/screw size			0,5 Nm/M3

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	7,62 mm
Stripped length	6,0 mm

Materials

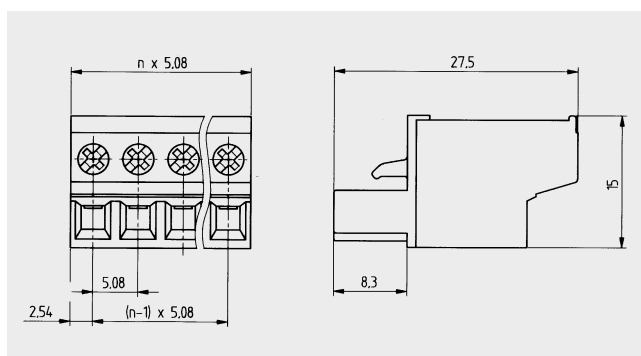
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	CuZn
Wire guard	CuSn

Colour

green	RAL 6018
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Type BU98..

- 5,08 mm pin spacing
- screw cage clamp
- 2 - 24 poles
- 2,7 x 3 mm clamp opening



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Wire size	AWG 22-12	AWG 22-12	2,5 mm ²
Rated impulse voltage/Pollution degree			4 kV/3
Rated torque/screw size			0,5 Nm/M2,5

Max. rated cross section

Single wire (solid)	2,5 mm ²
Stranded wire (flexible)	2,5 mm ²
Stranded wire with ferrules	2,5 mm ²

Dimensions

Spacing	5,08 mm
Stripped length	10,0 mm

Materials

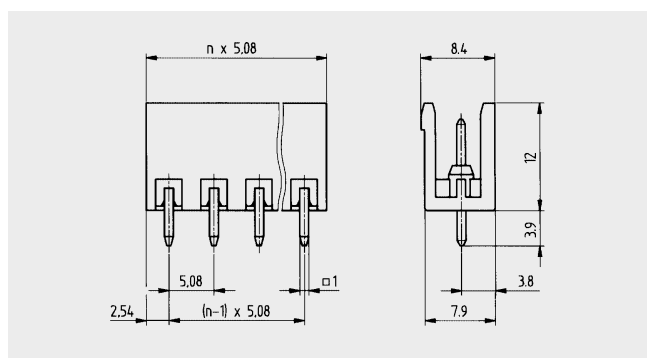
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Terminal block	Fe/Fe
Wire guard	CuSn

Colour

green	RAL 6018
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Type ST02..

- 5,08 mm pin spacing
- 2 - 24 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

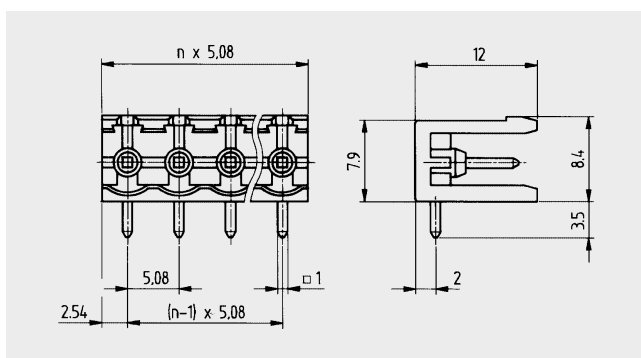
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST04..

- 5,08 mm pin spacing
- 2 - 24 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

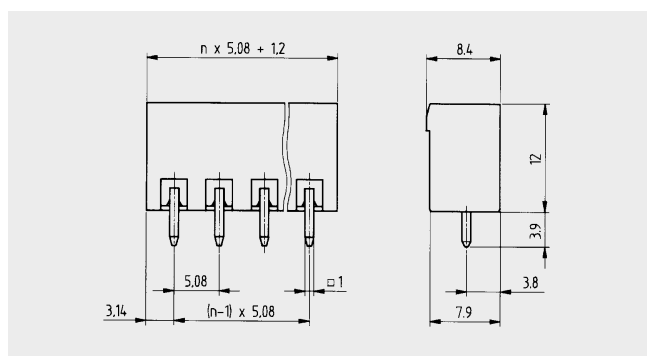
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST06..

- 5,08 mm pin spacing
- 2 - 24 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

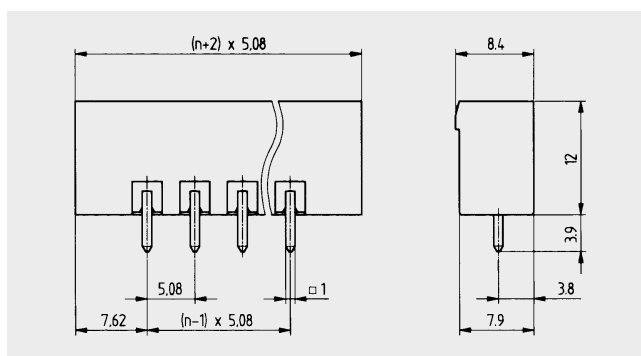
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST06..F

- 5,08 mm pin spacing
- 2 - 10 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end
- with fixing flange



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

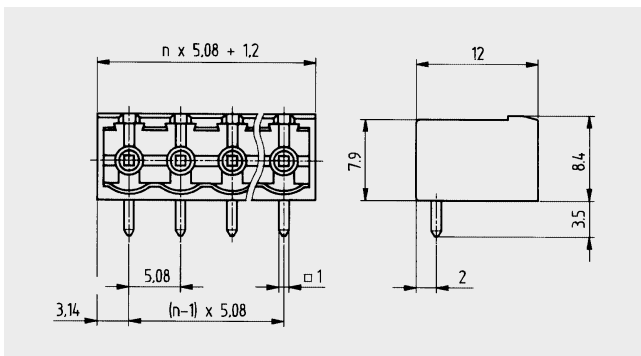
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST08..

- 5,08 mm pin spacing
- 2 - 24 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

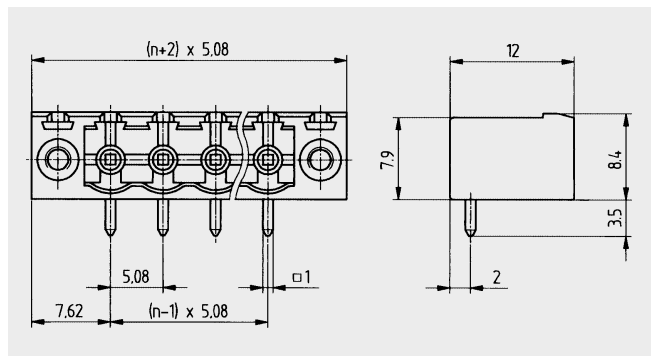
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST08..F

- 5,08 mm pin spacing
- 2 - 10 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end
- with fixing flange



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

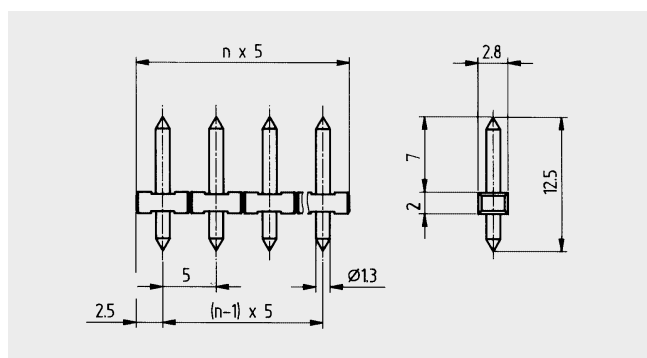
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST13..

- 5,0 mm pin spacing
- 1 - 24 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- to be used in connection with PK13



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	10 A	10 A	10 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,5 mm

Materials

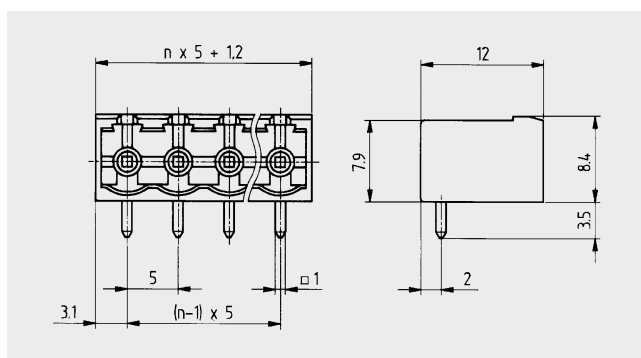
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	CuZn

Colour

black	RAL 9011
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Type ST14..

- 5,0 mm pin spacing
- 2 - 24 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,4 mm

Materials

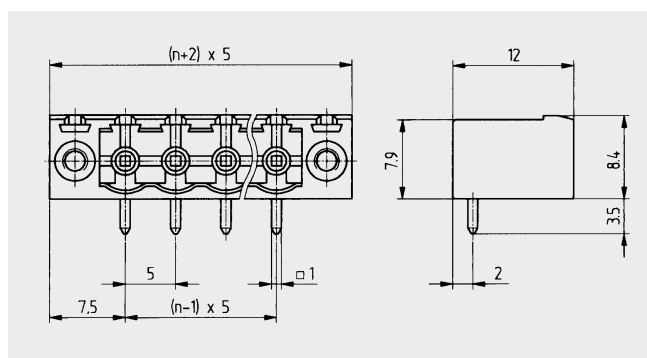
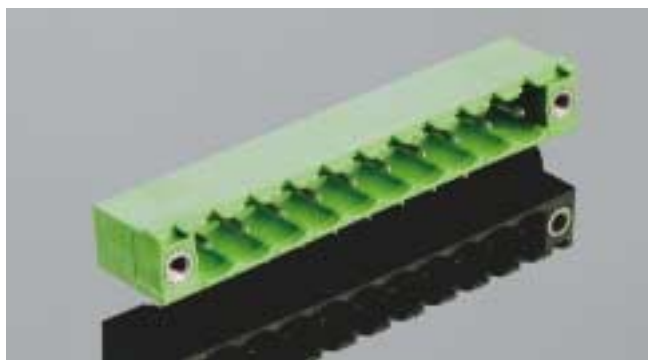
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST14..F

- 5,0 mm pin spacing
- 2 - 10 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end
- with fixing flange



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,4 mm

Materials

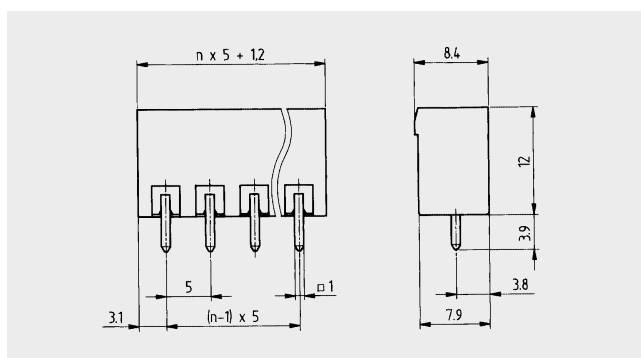
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST15..

- 5,0 mm pin spacing
- 2 - 24 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,4 mm

Materials

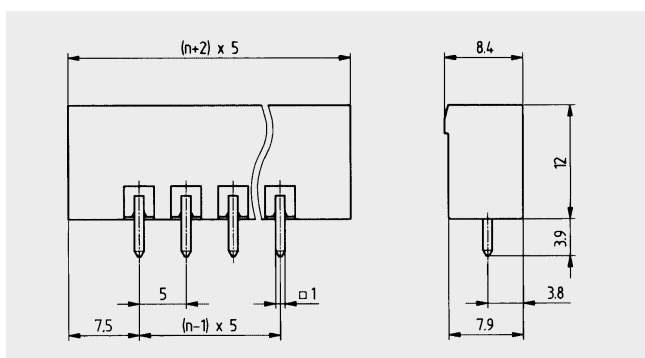
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST15..F

- 5,0 mm pin spacing
- 2 - 10 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end
- with fixing flange



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,4 mm

Materials

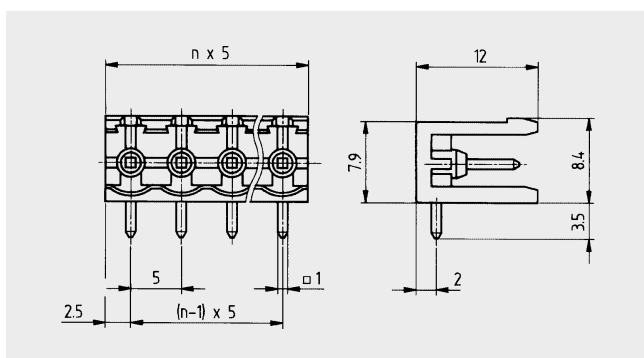
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST16..

- 5,0 mm pin spacing
- 2 - 24 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,4 mm

Materials

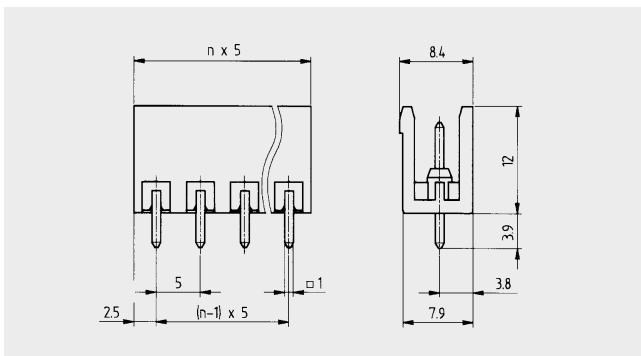
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST17..

- 5,0 mm pin spacing
- 2 - 24 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,0 mm
PCB hole diameter	1,4 mm

Materials

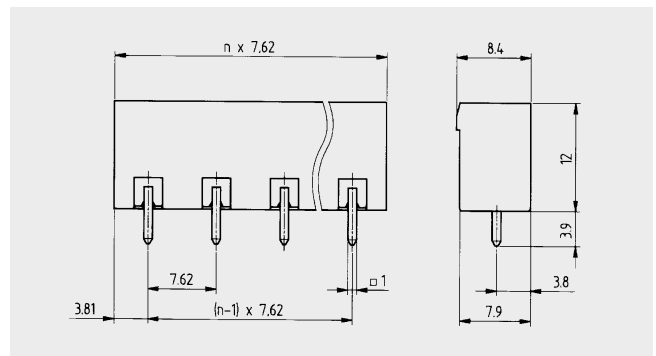
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST18..

- 7,62 mm pin spacing
- 2 - 16 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	400 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			6 kV/3

Dimensions

Spacing	7,62 mm
PCB hole diameter	1,4 mm

Materials

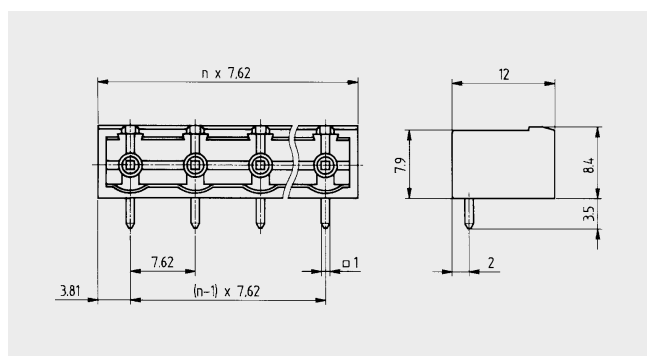
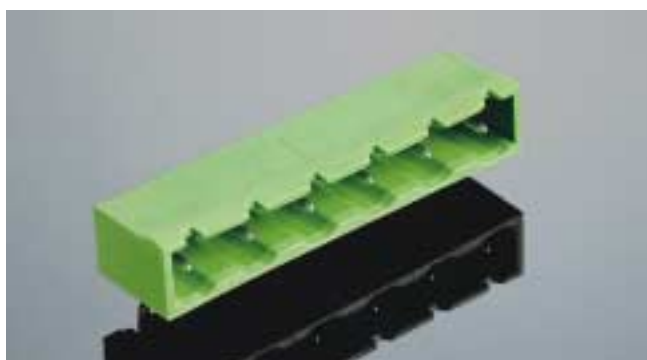
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST19..

- 7,62 mm pin spacing
- 2 - 16 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	400 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			6 kV/3

Dimensions

Spacing	7,62 mm
PCB hole diameter	1,4 mm

Materials

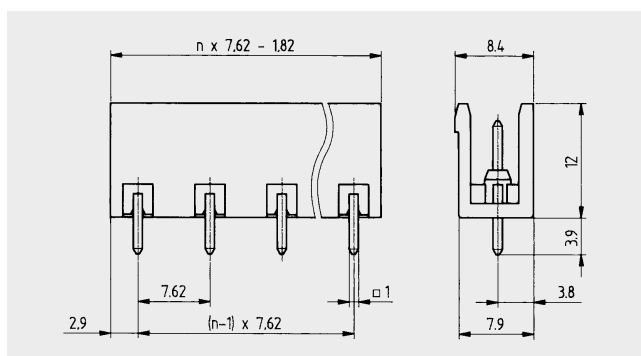
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST29..

- 7,62 mm pin spacing
- 2 - 16 poles
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	400 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			6 kV/3

Dimensions

Spacing	7,62 mm
PCB hole diameter	1,4 mm

Materials

Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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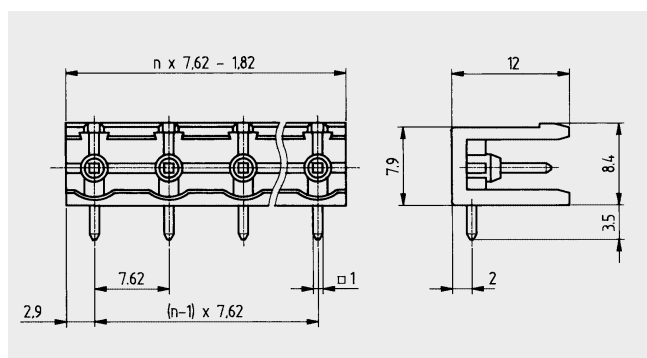
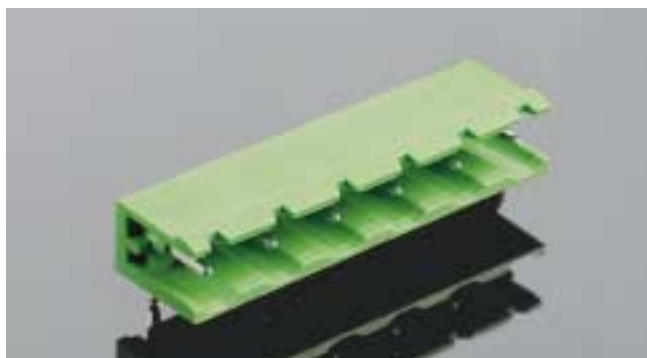
Order description

Please add to the type only the required number of poles.

f. e. 6-poles type ST2906

Type ST30..

- 7,62 mm pin spacing
- 2 -16 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	400 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			6 kV/3

Dimensions

Spacing	7,62 mm
PCB hole diameter	1,4 mm

Materials

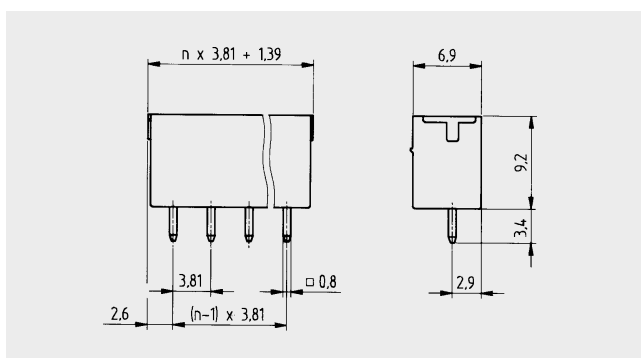
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST37..

- 3,81 mm pin spacing
- 2 -16 poles
- vertical header
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	160 V
Rated current	8 A	8 A	9 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	3,81 mm
PCB hole diameter	1,2 mm

Materials

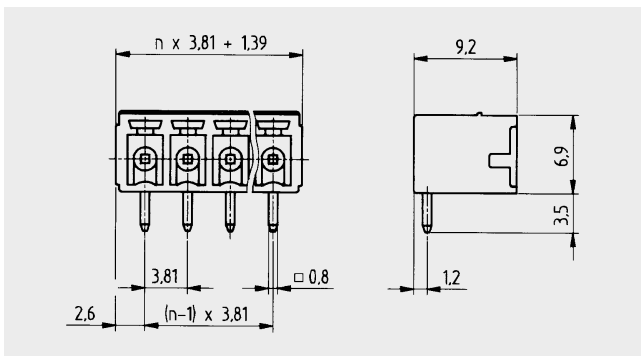
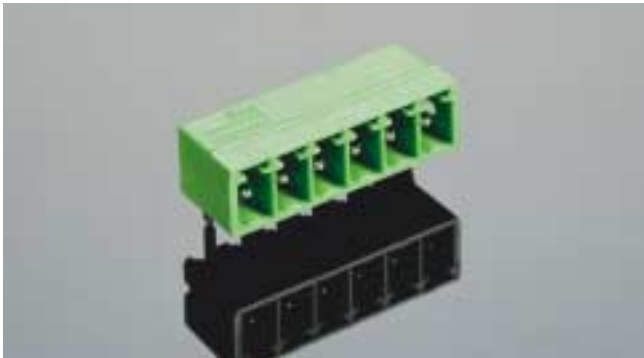
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour

green	RAL 6018
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Type ST39..

- 3,81 mm pin spacing
- 2 -16 poles
- horizontal header
- not to be connected or disconnected under electrical load
- closed end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	160 V
Rated current	8 A	8 A	9 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	3,81 mm
PCB hole diameter	1,2 mm

Materials

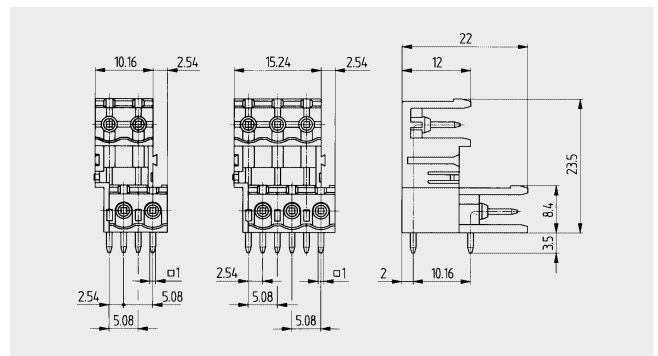
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST70..

- 5,08 mm pin spacing
- 2 and 3-pole modules
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	cUL as per CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

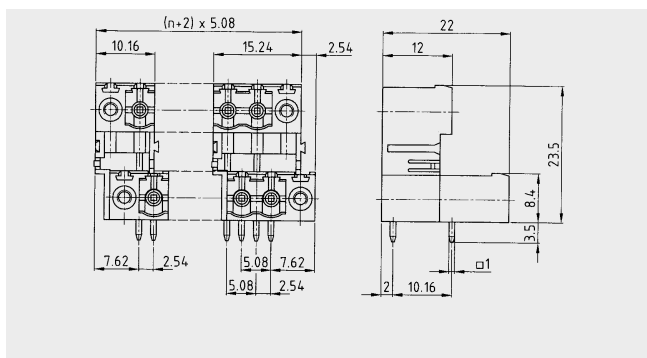
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST70..F

- 5,08 mm pin spacing
- 2 - 12 poles
- horizontal header
- selective loading possible
- not to be connected or disconnected under electrical load
- closed end
- with fixing flange



	UL 1059	CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V	300 V	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

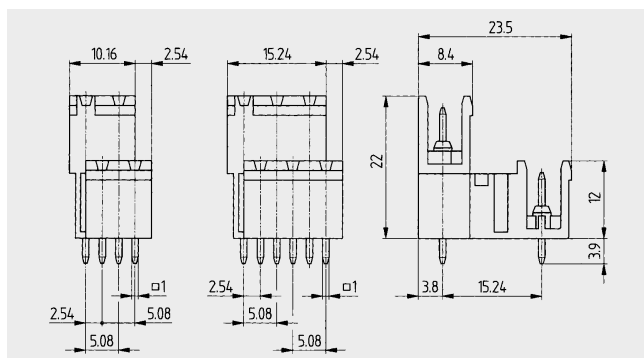
Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

RAL 6018

Type ST71..

- 5,08 mm pin spacing
- 2 and 3-pole modules
- vertical header
- selective loading possible
- not to be connected or disconnected under electrical load
- open end



	UL 1059	CSA 22.2 No. 158	DIN VDE 0627
Rated voltage	300 V_B	300 V_B	250 V
Rated current	15 A	15 A	12 A (T60)
Rated impulse voltage/Pollution degree			4 kV/3

Dimensions

Spacing	5,08 mm
PCB hole diameter	1,4 mm

Materials

Insulating material	PA
Flammability class	UL94 V-0
Temperature range	-30°C/+105°C
Contact pin	Cu

Colour
green

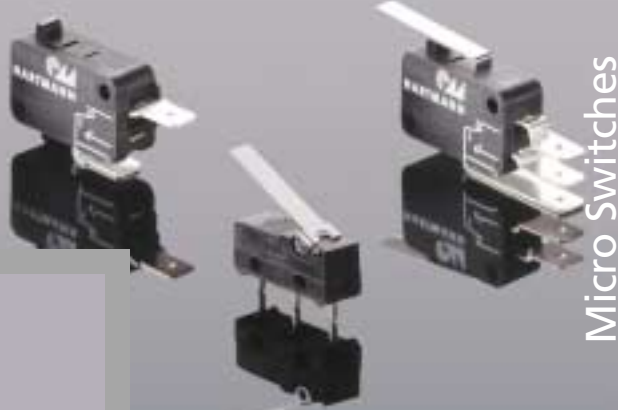
RAL 6018

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