



Un-insulated terminals

Elpress un-insulated ring, tube terminals, forks, pins and connectors are produced from high grade 99.95% copper. The receptacles, tabs, bullets and sockets are produced from brass. All types are electrolytically tin plated for good corrosion protection.

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Rings, forks and pins have brazed necks to allow crimping in all radial directions.



Crimped samples of Elpress un-insulated terminals.

Example of product designation

Cat. no. B1532R (G, HO, FLS etc.)

B = un-insulated

15 = conductor cross section area (1,5 mm²)

32 = Characteristic dimension (Hole Ø 3,2 mm)

G = fork terminals

GS= fork terminal

H = tab

HN = tab

HA = bullet

HO = socket

R = ring terminal

SR = pin

FLS = receptacle, rolled type

FLSB = receptacle 90° rolled type

FLSH = multiple tabs

FLSN = receptacle with locking lip

FLSV = receptacle angled rolled type

Markings

Elpress un-insulated terminals are, when possible, marked with logotype, max. cross section area and possible screw size to facilitate identification, inspection and crimp system work.



Ring terminals 0.25 - 6 mm²

■ Data: Cu 99.95%, tin plated, brazed necks.



mm ²	Cat. no.	Screw	mm W	d	t	L	s	Pcs/ pack	Crimp tools page
0,25-0,75	B0832R	M3	5,5	1,3	0,5	13,0	7	100	8:8, 8:12, 8:16-18
	B0843R	M4	7,5	1,3	0,5	16,2	7	100	
	B0853R	M5	9,0	1,3	0,5	17,0	7	100	
0,75-1,5	B1532R	M3	5,5	1,8	0,7	13,0	7	100	
	B1543R	M4	7,5	1,8	0,7	16,2	7	100	
	B1553R	M5	9,0	1,8	0,7	17,0	7	100	
	B1565R	M6	11,0	1,8	0,7	20	7	100	
	B1585R	M8	14,0	1,8	0,7	23	7	100	
	B1510R	M10	17,0	1,8	0,75	26	7	100	
1,5-2,5	B2532R	M3	6,0	2,3	0,8	15,0	8	100	
	B2537R	M3,5	6,2	2,3	0,8	16,2	8	100	
	B2543R	M4	7,5	2,3	0,8	16,2	8	100	
	B2553R	M5	9,0	2,3	0,8	17,0	8	100	
	B2565R	M6	11,0	2,3	0,8	20	8	100	
	B2585R	M8	14,0	2,3	0,8	23	8	100	
	B2510R	M10	17,0	2,3	0,75	26	8	100	
	4-6	B4643R	M4	7,8	3,4	1,0	17,5	9	100
B4653R		M5	9,0	3,4	1,0	18,0	9	100	
B4665R		M6	11,0	3,4	1,0	20	9	100	
B4685R		M8	14,0	3,4	1,0	23	9	100	
B4610R		M10	17,0	3,4	1,0	26	9	100	
B4613R		M13	18,0	3,7	1,0	30	9	100	

t = palm thickness s = strip length

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Tube terminals 0.75 - 10 mm²

■ Data: Cu 99.95%, tin plated.



mm ²	Cat. no.	Screw	mm W	d	t	L	s	Pcs/ pack	Crimp tools page
0,75	KR0,75-3	M3	6,0	1,3	0,8	16,0	7	100	8:8, 8:12, 8:16-18
	KR0,75-4	M4	6,0	1,3	0,8	16,0	7	100	
1,5	KR1,5-3	M3	6,5	1,8	1,0	16,0	7	100	
	KR1,5-4	M4	6,5	1,8	1,0	17,0	7	100	
	KR1,5-5	M5	7,5	1,8	0,8	18,0	7	100	
2,5	KR2,5-3	M3	7,5	2,3	1,3	17,0	8	100	
	KR2,5-4	M4	7,5	2,3	1,3	18,0	8	100	
	KR2,5-5	M5	8,5	2,3	1,2	19,0	8	100	
	KR2,5-6	M6	8,5	2,3	1,1	19,0	8	100	
4	KR4-4	M4	8,5	3,0	1,5	21	9	100	
	KR4-5	M5	9,0	3,0	1,5	22	9	100	
	KR4-6	M6	10,0	3,0	1,4	23	9	100	
6	KR6-4	M4	9,5	4,0	1,7	22	9	100	8:16-18
	KR6-5	M5	9,5	4,0	1,7	22	9	100	
	KR6-6	M6	10,0	4,0	1,6	23	9	100	
	KR6-8	M8	13,5	4,0	1,2	30	9	100	
10	KR10-5	M5	11,5	5,0	3,0	29	11	100	
	KR10-6	M6	11,5	5,0	3,0	29	11	100	
	KR10-8	M8	13,5	5,0	2,2	33	11	100	
	KR10-10	M10	16,0	5,0	2,0	34	11	100	
	KR10-12	M12	19,0	5,0	1,7	41	11	100	

t = palm thickness s = strip length
Larger cross section areas, see next chapter.





Fork terminals 0.25 - 10 mm²

■ Data: Cu 99.95%, tin plated, brazed necks.

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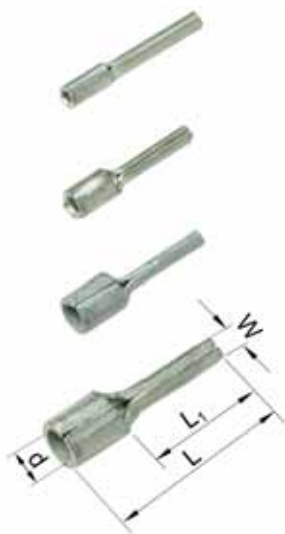


mm ²	Cat. no.	Screw	mm W	d	t	L	s	Pcs/pack	Crimp tools page
0,25-0,75	B0832G	M3	5,5	1,3	0,5	13,0	7	100	8:8, 8:16-18
	B0843G	M4	7,5	1,3	0,5	16,2	7	100	
0,75-1,5	B1532G	M3	5,5	1,8	0,7	13,0	7	100	
	B1537GS	M3,5	5,5	1,8	0,7	16,2	7	100	
	B1543G	M4	7,0	1,8	0,7	16,2	7	100	
	B1553G	M5	9,0	1,8	0,7	17,0	7	100	
1,5-2,5	B2532G	M3	5,5	2,3	0,8	13,0	8	100	
	B2543G	M4	7,0	2,3	0,8	16,2	8	100	
	B2553G	M5	9,0	2,3	0,8	17,0	8	100	
4-6	B4643G	M4	7,8	3,4	1,0	18,0	9	100	
	B4653G	M5	9,0	3,4	1,0	18,0	9	100	
10	B9953G	M5	12,0	4,6	1,2	24	11	100	
	B9965G	M6	11,0	4,6	1,1	23	8	100	

t = palm thickness s = strip length

Pin terminals 0.25 - 6 mm²

■ Data: Cu 99.95%, tin plated, brazed necks.



mm ²	Cat. no.	mm W	d	L ₁	L	s	Pcs/pack	Crimp tools page
0,25-0,75	B0819SR	1,8	1,3	12,0	17,0	7	100	8:8, 8:16-18, 8:10
0,75-1,5	B1519SR	1,9	1,8	12,0	17,0	7	100	
1,5-2,5	B2519SR	1,9	2,3	12,0	17,0	8	100	
4-6	B4630SR	2,8	3,4	14,0	20	9	100	

s = strip length

Through connectors 0.75 - 10 mm²

■ Data: Cu 99.95%, tin plated.



mm ²	Cat. no.	mm d	L	s	Pcs/pack	Crimp tools page
0,75	KS0,75	1,3	14,0	7	100	8:8, 8:16-18
1,5	KS1,5	1,8	14,0	7	100	
2,5	KS2,5	2,3	16,0	8	100	
4	KS4	3,0	19,0	9	100	8:10, 8:16-18
6	KS6	4,0	19,0	9	100	
	KS10	5,0	30	16	100	
	KST10	4,5	30	16	100	

s = strip length

**Receptacles 0.5 - 6 mm²**

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	t	L	For tabs	s	Pcs/ pack	Crimp tools page
0,5-1	B1003FLS5	5,0	0,3	12,7	2,8x0,5	7	100	8:7, 8:9-10, 8:16-18
	B1003FLS8	5,0	0,3	12,7	2,8x0,8	7	100	
0,75-1,5	B1505FLS5	6,4	0,4	16,0	4,8x0,5	7	100	
	B1505FLS8	6,4	0,4	16,0	4,8x0,8	7	100	
	B1507FLS1	7,6	0,4	19,0	6,3x0,8	7	100	
1,5-2,5	B2505FLS5	6,0	0,4	16,0	4,8x0,5	8	100	
	B2505FLS8	6,0	0,4	16,0	4,8x0,8	8	100	
	B2507FLS1	7,6	0,4	19,0	6,3x0,8	8	100	
4-6	B4607FLS1	7,6	0,4	19,0	6,3x0,8	8	100	

t = palm thickness s = strip length

Insulation sleeves, see page 3:10.

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Receptacles with locking lip 1.5 - 6 mm²

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	t	L	For tabs	s	Pcs/ pack	Crimp tools page
1,5-2,5	B2507FLSN	7,5	0,4	19,0	6,3x0,8	8	100	8:7, 8:9-10, 8:16-18
4-6	B4607FLSN	7,5	0,4	19,0	6,3x0,8	9	100	8:7, 8:9-10, 8:16-18

t = Metal thickness s = strip length

Insulation sleeves, see page 3:10. Connector blocks, see page 3:11.

Multiple tabs 0.5 - 2.5 mm²

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	t	L	For tabs	s	Pcs/ pack	Crimp tools page
0,5-1,5	B1507FLSH	8,0	0,4	20,0	6,3x0,8	7	100	8:7, 8:9-10, 8:16-18
1,5-2,5	B2507FLSH	8,0	0,4	20,0	6,3x0,8	7	100	8:7, 8:9-10, 8:16-18

t = metal thickness s = strip length



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Receptacle, 90°, 0.5 - 1.5 mm²

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	t	L	For tab	s	Pcs/pack	Crimp tool page
0,5-1,5	B1507FLSB8	7,7	0,4	13,0	6,3x0,8	7	100	8:8

t = metal thickness s = strip length

Receptacle 90°, 0.5 - 1 mm²

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	t	L	For tabs	s	Pcs/pack	Crimp tools page
0,5-1	B1003FLSV5	4,9	0,3	9,3	2,8x0,5	7	100	8:7, 8:9-10, 8:16-18

t = metal thickness s = strip length

Tabs 0.5 - 2.5 mm²

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	L	Tabs	s	Pcs/pack	Crimp tools page
0,5-1	B1003H	5,6	12,7	2,8x0,8		100	8:7, 8:9-10, 8:16-18
0,5-1,5	B1507H	8,0	19,0	6,3x0,8	7	100	↓
1,5-2,5	B2507H	8,0	20	6,3x0,8	8	100	

s = strip length Insulation sleeves page 3:10.

Tabs with locking lip 1.5 - 6 mm²

■ Data: brass, tin plated.



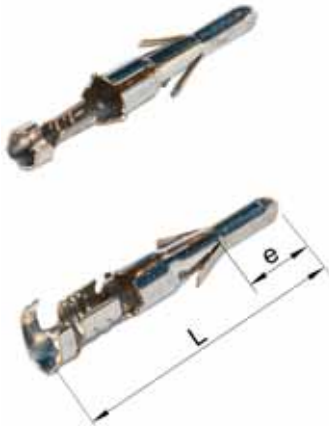
mm ²	Cat. no.	mm e	L	Tabs	s	Pcs/pack	Crimp tools page
0,5-1,0	B1007HN	16,0	28	6,3x0,8	8	100	8:7, 8:9-10, 8:16-18
1,5-2,5	B2507HN	16,0	28	6,3x0,8	8	100	↓
4-6	B4607HN	16,0	28	6,3x0,8	9	100	

s = strip length Connector blocks page 3:11.



Bullets 0.2 - 2.5 mm²

■ Data: brass, tin plated.



mm ²	Cat. no	mm e	L	Ø bullet	s	Pcs/ pack	Crimp tools page
0,2-0,5	B0502HA	5,5	21	2,0	7	100	8:7, 8:9-10, 8:16-18
1,5-2,5	B2502HA	5,5	21	2,0	8	100	8:7, 8:9-10, 8:16-18

s = strip length Connector blocks pa že 3:11.

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Sockets 0.2 - 2.5 mm²

■ Data: brass, tin plated.



mm ²	Cat. no.	mm e	L	For bullet Ø	s	Pcs/ pack	Crimp tools page
0,2-0,5	B0502HO	5,5	21	2,0	7	100	8:7, 8:9-10, 8:16-18
1,5-2,5	B2502HO	5,5	21		8	100	8:7, 8:9-10, 8:16-18

s = strip length, connector blocks pa že 3:11.



Tabs

■ Data: brass, tin plated.

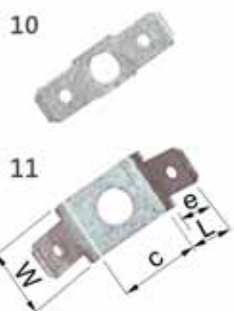


Fig	Cat. no.	mm W	e	L	Tabs	Pcs/ pack
1	B07FLS1H	8,5	8,0	8,5	6,3x0,8	100
2	B07FLS2H	9,0	7,5	18,5	6,3x0,8	100
3	B07FLS3H	8,0	7,5	21	6,3x0,8	100

Fig	Cat. no.	mm W	L	Tabs	Pcs/ pack
4	B07FLS	7,5	9,0	6,3x0,8	100

Fig	Cat. no.	mm W	e	∅	L	Tabs	Pcs/ pack
5	B1803H2	4,5	5,5	2,8	13,1	2,8x0,8	100
6	B1805H3	6,5	7,0	3,2	17,5	4,8x0,8	100
7	B1807H4	8,1	8,3	4,4	19,1	6,3x0,8	100
7	B1807H5	8,0	8,3	5,4	19,2	6,3x0,8	100

Fig	Cat. no.	mm b	e	∅	c	Tabs	Pcs/ pack	Angle
8	B0457H4	8,0	8,0	4,1	8,0	6,3x0,8	100	45°
8	B0457H5	8,0	8,0	5,3	8,0	6,3x0,8	100	45°
9	B0907H4	8,0	8,3	4,1	8,0	6,3x0,8	100	90°
9	B0907H5	8,0	8,0	5,3	8,0	6,3x0,8	100	90°

Fig	Cat. no.	mm W	c	e	∅	L	Tab	Pcs/ pack	Angle
10	B2007H4	7,0	7	8,0	4,2	23*	6,3x0,8	100	
11	B2457H4	10,0	12,0	8,0	4,2	10,0	6,3x0,8	100	2x45°
11	B2457H5	10,0	12,0	8,0	5,2	10,0	6,3x0,8	100	2x45°

* total length ∅ hole diameter.



Tabs for soldering

■ Data: brass, tin plated.



Cat. no.	mm cc	e	d	L	Tab	Pcs/ pack
12523	5,0	8,5	1,5	17,0	6,3x0,8	100



Cat. no.	mm cc	d	W	L	Tab	Pcs/ pack
17127	5,0	1,3	5,0	14,0	2,8x0,8	100
17128	5,0	1,2	9,0	16,0	6,3x0,8	100



Cat. no.	mm d	W	L	Tab	Pcs/ pack
12610	0,9	6,3	10,5	2,8x0,8	100

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Insulation boots

■ Data: used together with straight and angled receptacle connections.

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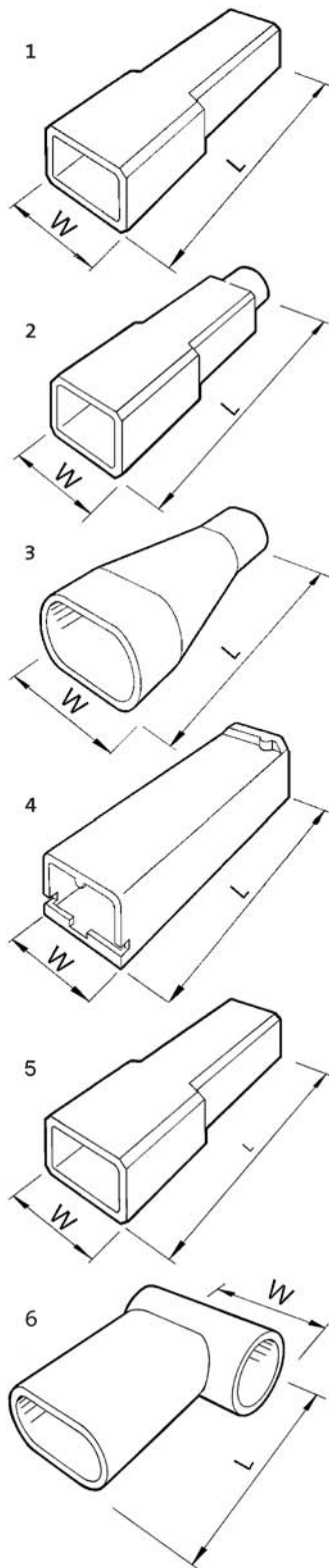


Fig.	Cat. no.	mm L W	Material Colour	mm Tab size Max. cable Ø	Pcs/ pack	Temp °C
1	ISO1003FL1	19,0 5,6	Polyetylen transp	2,8 2,5	100 100	-50 +85
2	ISO1005FL1	21,0 7,6	PVC transp	4,8 3,2	100 100	-25 +75
3	ISO1507H-BW6	23 11,0	PVC transp	6,3 3,6	100 100	-25 +75
4	ISO1507FLS	24 9,0	Polyetylen transp	6,3 2,5	100 100	-25 +75
5	ISO2507FLS1	22,5 9,5	Polyetylen transp	6,3 3,0	100 100	-50 +85
6	ISO1507FLB*	17,3 15,0	PVC transp	6,3 2,5	100 100	-25 +75

* Used with 90° receptacle



Connector blocks

- used with receptacles and tabs with locking lip 1,5 - 6 mm²
- material PA (nylon) transparent
- max voltage 250 VAC

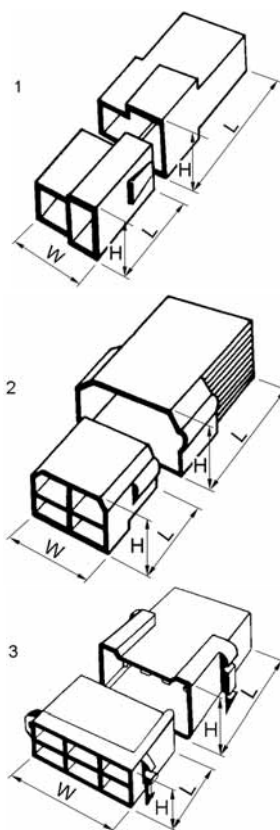


Fig	Cat. no.	No. of terminals	mm L	W	H	Pcs/pack	Note
1	408/2/M	2	24	16,4	9,7	100	1
2	408/4/M	4	24	28	15,3	100	1
3	408/6/M	6	29	29	15,2	100	1
-	408/8/M	8	34	38	15,6	100	1
1	408/2/F	2	32	20	12,7	100	2
2	408/4/F	4	33	23	17,4	100	2
3	408/6/F	6	33	31	18,7	50	2
-	408/8/F	8	33	40	18,6	25	2

Note

- 1 Used with receptacles B2507FLSN and B4607FLSN.
- 2 Used with tabs B2507HN and B4607HN.

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Connector blocks

- used together with sockets and bullets 0,2 - 2,5 mm²
- material PA (nylon) transparent
- rated voltage 250 VAC
- temperature range -20° C to +105° C

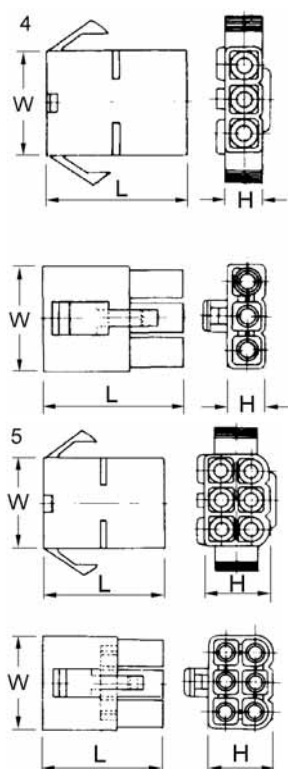


Fig	Cat. no.	Pol	mm L	W	H	Pcs/pack	Note
-	MC02F	2	27	13,6	7,3	100	3
-	MC02M	2	27	13,5	7,3	100	4
4	MC03F	3	27	19,6	7,2	100	3
4	MC03M	3	27	19,6	7,1	100	4
-	MC04F	4	27	13,5	13,5	100	3
-	MC04M	4	27	13,5	13,5	100	4
5	MC06F	6	27	19,6	13,4	100	3
5	MC06M	6	27	19,6	13,4	100	4
-	MC09F	9	27	19,7	19,7	100	3
-	MC09M	9	27	19,7	19,7	100	4
-	MC12F	12	27	26	19,6	50	3
-	MC12M	12	27	26	19,7	50	4
-	MC15F	15	27	32	19,6	50	3
-	MC15M	15	26	32	19,9	50	4

Note

- 3 Used with bullets B0502HA and B2502HA.
- 4 Used with sockets B0502HO and B2502HO.

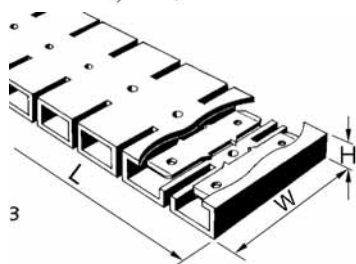
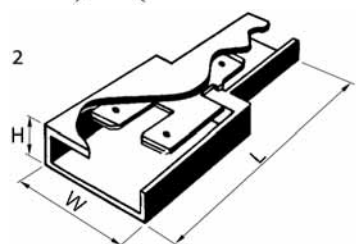
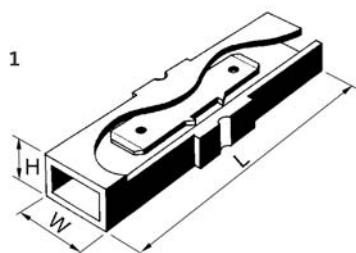




Connector blocks

- used together with receptacles
- material PVC semi-transparent
- max voltage 400 V

Fig	Cat. no.	No. of links	mm L	W	H	Tabs	Pcs/ pack
1	404-1	1	48	12,0	6,0	6,3x0,8	100
2	405-3	1+2	48	21	8,5	6,3x0,8	100
3	401-12	12	147	28	7,0	6,3x0,8	50



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Assortment box

PL700

Elpress assortment box designed for field service engineers and service departments.

Particulars:

- manufactured from polyeten
- 19 partions
- 700 un-insulated terminals and through connectors 0.75 - 10 mm²
- crimp tool DKB 0325
- crimp tool EWB 4099 Miniforce
- stripping and cutting tool SCT 001
- weight 4,3 kg, length 370 mm, width 228 mm, height 37 mm

