Un-insulated terminals 0.2 - 10 mm²

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.

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 crosss 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 90º 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.

mm²	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	8:10
	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

Tube terminals 0.75 - 10 mm²

■ Data: Cu 99.95%, tin plated.

mm²	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	8:10. 8:12
	KR4-5	M5	9,0	3,0	1,5	22	9	100	8:16-18
	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	
	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

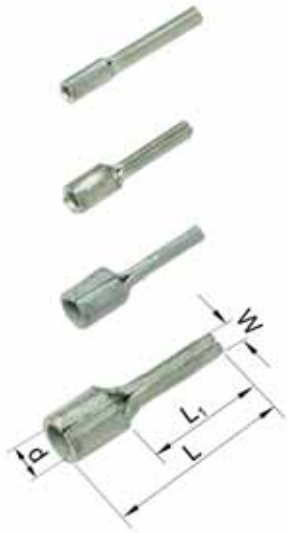
■ Data: Cu 99.95%, tin plated, brazed necks.

mm²	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	8:10, 8:16-18
	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.



mm²	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.

mm²	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	
10	KS10	5,0	30	16	100	
	KST10	4,5	30	16	100	

s = strip length

Receptacles 0.5 - 6 mm²

■ Data: brass, tin plated.

mm²	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	
	B1507FLS	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	
	B2507FLS	7,6	0,4	19,0	6,3x0,8	8	100	
4-6	B4607FLS	7,6	0,4	19,0	6,3x0,8	8	100	

t = palm thickness s = strip length

Insulation sleeves, see page 3:10.

Receptacles with locking lip 1.5 - 6 mm²

■ Data: brass, tin plated.

mm²	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.

mm²	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

Receptacle, 90°, 0.5 - 1.5 mm²

■ Data: brass, tin plated.

mm²	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.

mm²	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.

mm²	Cat. no	mm e	L	Tabs	s	Pcs/ pack	Crimp tools page
0,5-1	B1003H	5,5	13,0	2,8x0,8	7	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

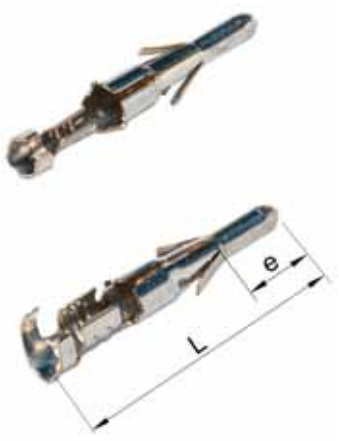
■ Data: brass, tin plated.

mm²	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.



mm²	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
	B2502HA	5,5	21	2,0	8	100	
0,5-1,5	B1504HA	9,0	20	4,0	7	100	
0,5-2,5	B2505HA	5,5	21	5,0	8	100	

s = strip length Connector blocks page 3:11.

Sockets 0.2 - 2.5 mm²

■ Data: brass, tin plated.

mm²	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
	B2502HO	5,5	21		8	100	
0,5-1,5	B1504HO	9,0	20	4,0	7	100	
0,5-2,5	B2505HO	5,5	21	5,0	8	100	

s = strip length, connector blocks page 3:11.

Tabs

■ Data: brass, tin plated.

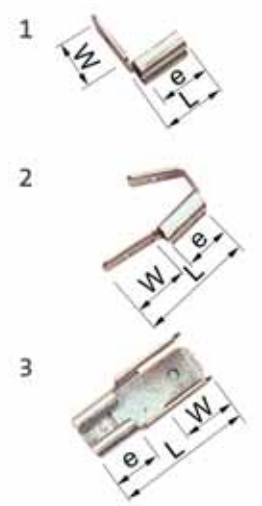


Fig	Cat. no.	mm W	e	L	Tabs	Pcs/ pack
1	B07FLS1H	8,5	8,0	8,5	6,3x0,8	100
2	B07FLS2H	9,0	7,5	18,5	6,3x0,8	100
3	B07FLS3H	8,0	7,5	21	6,3x0,8	100

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	Ø	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	Ø	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°

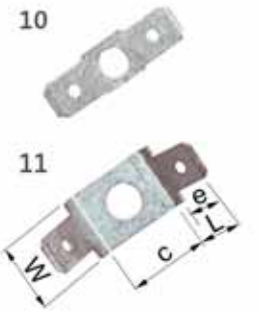


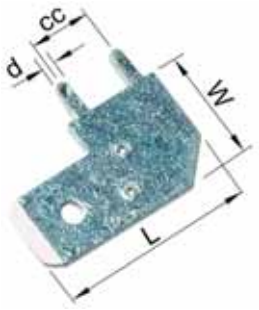
Fig	Cat. no.	mm W	c	e	Ø	L	Tab	Pcs/ pack	Angle
10	B2007H4	7,0	7	8,0	4,2	23*	6,3x0,8	100	
11	B2457H4	10,0	12,0	8,0	4,2	10,0	6,3x0,8	100	2x45°
11	B2457H5	10,0	12,0	8,0	5,2	10,0	6,3x0,8	100	2x45°

* total length Ø 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

Insulation boots

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

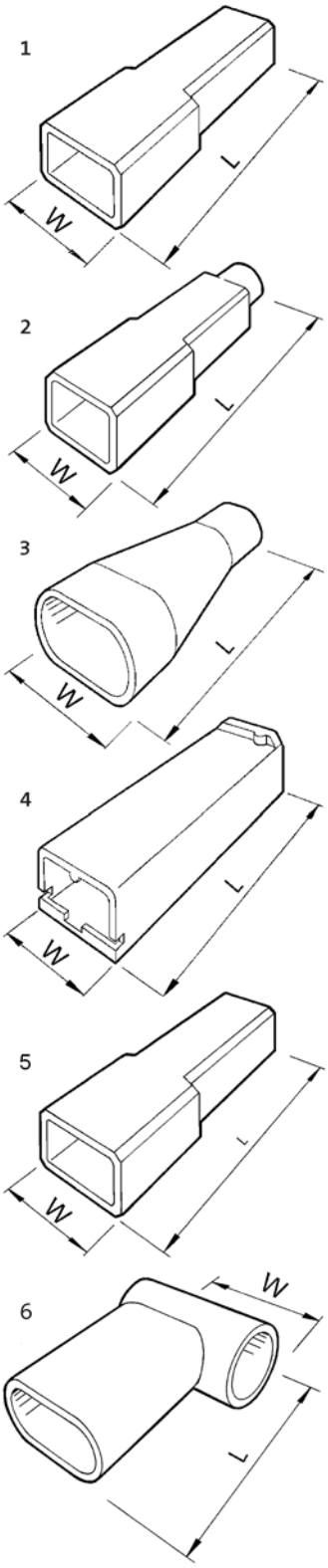


Fig.	Cat. no.	mm L W	Material Colour	mm Tab size Max. cable Ø	Pcs/ pack	Temp °C
1	ISO1003FL1	19,0 5,6	Polyetylen transp	2,8 2,5	100 100	-50 +85
2	ISO1005FL1	21,0 7,6	PVC transp	4,8 3,2	100 100	-25 +75
3	ISO1507H-BW6	23 11,0	PVC transp	6,3 3,6	100 100	-25 +75
4	ISO1507FLS	24 9,0	Polyetylen transp	6,3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

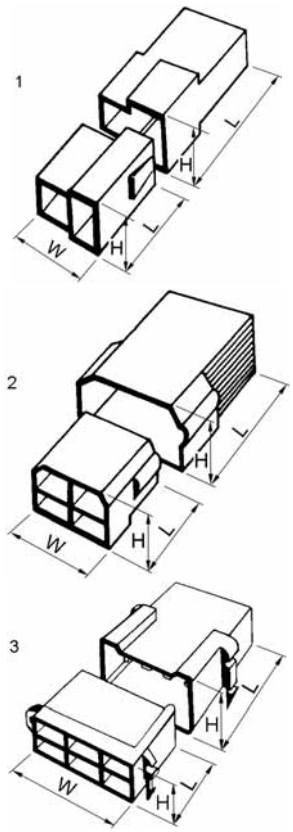


Fig	Cat. no.	No. of terminals	mm L	W	H	Pcs/ pack	Note
1	408/2/M	2	24	16,4	9,7	100	1
2	408/4/M	4	24	28	15,3	100	1
3	408/6/M	6	29	29	15,2	100	1
-	408/8/M	8	34	38	15,6	100	1
1	408/2/F	2	32	20	12,7	100	2
2	408/4/F	4	33	23	17,4	100	2
3	408/6/F	6	33	31	18,7	50	2
-	408/8/F	8	33	40	18,6	25	2

Note

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

Connector blocks

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

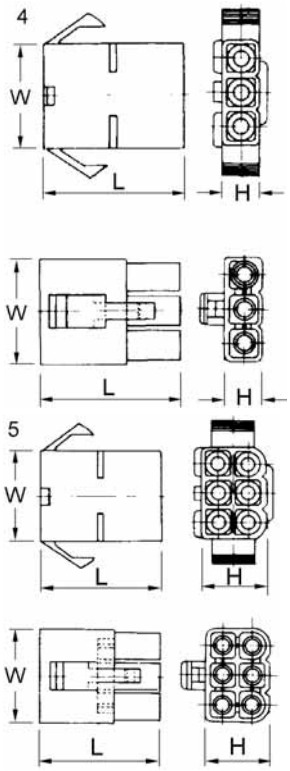


Fig	Cat. no.	Pol	mm L	W	H	Pcs/ pack	Note
-	MC02F	2	27	13,6	7,3	100	3
-	MC02M	2	27	13,5	7,3	100	4
4	MC03F	3	27	19,6	7,2	100	3
4	MC03M	3	27	19,6	7,1	100	4
-	MC04F	4	27	13,5	13,5	100	3
-	MV04M	4	27	13,5	13,5	100	4
5	MC06F	6	27	19,6	13,4	100	3
5	MC06M	6	27	19,6	13,4	100	4
-	MC09F	9	27	19,7	19,7	100	3
-	MC09M	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

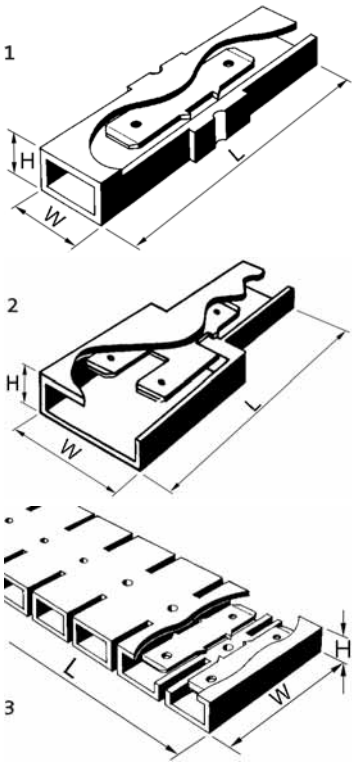


Fig	Cat. no.	No. of links	mm L	W	H	Tabs	Pcs/ pack
1	404-1	1	48	12,0	6,0	6,3x0,8	100
2	405-3	1+2	48	21	8,5	6,3x0,8	100
3	401-12	12	147	28	7,0	6,3x0,8	50

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