

## Pin terminals to DIN, Cu



- ▶ For round conductors, e.g. to DIN EN 60228 Cl. 2, 5 and 6
- ▶ Nominal cross-sections 0.5 - 6 mm<sup>2</sup> to DIN 46230
- ▶ High-quality brazing process in the crimp area

### Characteristics

- Improved contact properties due to grooved profile

### Material

- Copper (EN13599)

### Surface

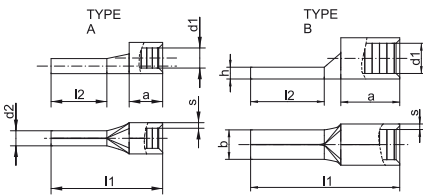
- Tin-plated to protect against corrosion

### Technical instructions

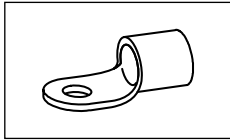
- Tool: see page 82

### Additional information

- \* = not standardised
- 0.5 - 6 mm<sup>2</sup> not UL-tested



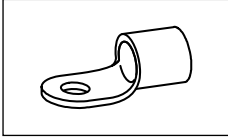
Nominal cross section mm <sup>2</sup>	Nominal size to DIN	Part No.	Typ	Hint	Dimension mm								Weight 100 pcs. ~kg	Packing unit/pcs
					a	b	d1	d2	l1	l2	s	h		
0.5 - 1	1	<b>ST1705</b>	A		5.0	--	1.6	1.9	17.0	10	0.8	--	0.060	100
1.5 - 2.5	2.5	<b>ST1710</b>	A		5.0	--	2.3	1.9	17.0	10	0.8	--	0.072	100
4 - 6	6	<b>ST1715</b>	A		6.0	--	3.6	2.7	20.0	11	1.0	--	0.160	100
10	--	<b>ST1716</b>	B	*	10.0	4.3	4.3	--	24.5	11	1.0	2.0	0.270	100
16	--	<b>ST1717</b>	B	*	11.5	5.8	5.4	--	29.5	15	1.0	2.0	0.390	100
25	--	<b>ST1718</b>	B	*	13.5	6.8	6.8	--	33.5	15	1.2	2.4	0.630	100
35	--	<b>ST1719</b>	B	*	16.0	8.0	8.2	--	40.5	20	1.5	3.2	1.170	50
50	--	<b>ST1720</b>	B	*	19.0	9.5	9.5	--	45.0	20	1.8	3.6	1.790	50
70	--	<b>ST1721</b>	B	*	24.0	11.0	11.2	--	55.0	23	2.0	4.0	2.920	50
95	--	<b>ST1722</b>	B	*	24.0	12.5	13.5	--	55.0	23	2.5	5.0	4.300	50



## Tool application chart












**Solderless terminals to DIN 46234, pin terminals to DIN 46230,  
solderless connectors to DIN 46341**  
Part 1 of 2

Tool type	Crimping range corresponds to nominal cross-section mm <sup>2</sup>	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
<b>Mechanical crimping tools</b>	<b>0,5 - 16</b>	K25		225		
	<b>16 - 95</b>	K95		225		
		TK95		225		
<b>Mechanical, electrical, pneumatic crimping tools with interchangeable dies / heads</b>	<b>0,5 - 10</b>	K50		235	312	
		EK50ML		244	312	
		K507		234		
	<b>6 - 35</b>	K354		236	316	
	<b>10 - 70</b>	K18		238	324	
		K22		240	329	
<b>Hand hydraulic crimping tools</b>	<b>10 - 70</b>	HK6018		280	324	
		HK60UNV	+UA18	465	324	
		HK6022		282	329	
		HK60UNV	+UA22	465	329	
	<b>10 - 150</b>	HK12030		286	335	
		HK12042		288	335	
		HK120U		290	335	
<b>Battery powered crimping tools</b>	<b>0,5 - 10</b>	EK1550ML		248	312	
	<b>6 - 35</b>	EK354ML		250	316	
		EK354		256	316	
	<b>6 - 95</b>	EK30IDML		247		
	<b>10 - 50</b>	EK505		258	320	
	<b>10 - 70</b>	EK5018		260	324	
		EK60UNV	+UA18	468	324	
		EKM60UNV	+UA18	467	324	
		EK6022		264	329	
		EKM6022		262	329	
		EK60UNV	+UA22	468	329	
		EKM60UNV	+UA22	467	329	
	<b>10 - 240</b>	EKM60ID		268		
	<b>10 - 150</b>	EK12032		270	335	
		EK12042		272	335	
		EK120U		274	335	
		EK135FT	+UA15T	276	335	
EK120UNV		+UA12T	469	335		



## Tool application chart

Solderless terminals to DIN 46234, pin terminals to DIN 46230,  
solderless connectors to DIN 46341  
Part 2 of 2

Tool type	Crimping range corresponds to nominal cross-section mm <sup>2</sup>	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Hydraulic crimping systems	10 - 70	THK18		294	324	
		THK22		296	329	
	10 - 150	THK120		300	335	
	10 - 240	HK252	+25A13	308	335 + 340	
Hydraulic crimping heads	10 - 70	PK18		294	324	
		PK60UNV	+UA18	466	324	
		PK22		296	329	
		PK60UNV	+UA22	466	329	
	10 - 240	PK60ID		299		
	10 - 150	PK12042		300	335	
		PK120U		302	335	
	10 - 240	PK252	+25A13	304	335 + 340	