

PRECISION - CABLE CONNECTIONS, INSULATED AND NON-INSULATED

Electrical power is the product of voltage and current strength. An optimum connection guarantees to transfer this power without thermal losses. This requires materials, design and tool to be correctly processed and matched to one another. If you want optimum power at all times, you can rely on Klauke's best work.



In brief

- ▶ High requirements in detail
- ▶ Solutions available for small cross-sections
- ▶ Broad range of versions
- ▶ Optimum connection without thermal loss
- ▶ Grooved profile for improved conductor hold

► Easy insulation

All insulation is produced in the Easy-Entry version, for simple cable insertion without splicing. For small ranges with big effect.

- Cable connections with nominal cross-sections from 0.1 mm² to 6 mm²
- Resistant to temperatures of up to 105 °C

- Flame retardant polyamide insulation: No toxic vapours in case of fire
- Halogen-free
- Insensitive to corrosion due to tinning under the insulation
- Simple processing thanks to Easy-Entry
- Grooved profile on the inside for improved contacting

► More hold with grooved profile

The detail is key. Not only are there numerous models of Klauke tabs and receptacles, they are also equipped with special features. No matter whether as a standardised connector or with grooved profile for improved contacting - Klauke will always provide the right feature for your requirements.

- Broad range of models
- All-purpose
- Also as standardised connectors with various tab widths
- Available with strain relief
- Fully-insulated receptacles
- Grooved profile and additional copper ring in the insulation area for higher stresses



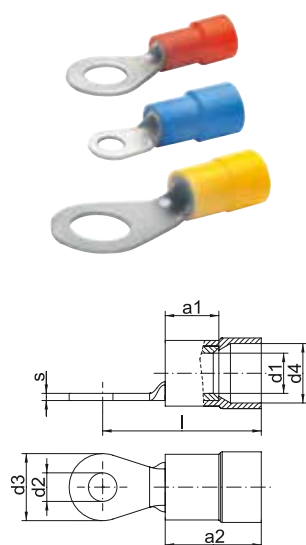
► Quality in detail

In a machine, everything has to pull together. For the machine to run, every component has to function. Even when it comes to small parts, better to go for high quality products with a high capacity, for our receptacles with snap-in point for example. The snap-in point guarantees a reliable connection even after repeated insertions.

- High conductivity and reliable insulation thanks to high-quality materials
- Improved spring properties by the use of bronze



Insulated solderless terminals



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ To DIN 46237
- ▶ High-quality brazing process in the crimp area
- ▶ Insulation sleeve halogen-free

Characteristics

- Heat resistant to 105° C
- Easy-Entry insulation for simple cable insertion
- Cross-section-dependent colour-coding

Material

- Copper (ETP)
- Insulation sleeve: PA

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- * = not standardised
- 0.1 - 0.4 mm² not CSA-tested

Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Hint	Dimension mm								Weight/ pcs. ~kg	Packing unit/pcs
					a1	a2	d1	d2	d3	d4	l	s		
0.1 - 0.4	--	6192	□	*	--	--	1.0	2.3	5.0	2.2	14.0	0.5	0.020	100
	--	61925	□	*	--	--	1.0	2.6	5.0	2.2	14.0	0.5	0.020	100
	--	6193	□	*	--	--	1.0	3.3	5.0	2.2	14.0	0.5	0.020	100
	--	61935	□	*	--	--	1.0	3.8	6.5	2.2	16.0	0.5	0.025	100
	--	6194	□	*	--	--	1.0	4.4	7.0	2.2	16.0	0.5	0.025	100
	--	6195	□	*	--	--	1.0	5.4	8.0	2.2	15.0	0.5	0.025	100
0.5 - 1	2.5 - 1	62025	■		5	10.5	1.6	2.8	6.0	4.5	16.5	0.8	0.060	100
	3.0 - 1	6203	■		5	10.5	1.6	3.2	6.0	4.5	16.5	0.8	0.060	100
	3.5 - 1	62035	■		5	10.5	1.6	3.7	6.0	4.5	16.5	0.8	0.550	100
	4.0 - 1	6204	■		5	10.5	1.6	4.3	8.0	4.5	17.5	0.8	0.070	100
	5.0 - 1	6205	■		5	10.5	1.6	5.3	10.0	4.5	18.5	0.8	0.090	100
	--	6206	■	*	5	10.5	1.6	6.5	11.0	4.5	20.5	0.8	0.080	100
1.5 - 2.5	--	6208	■	*	5	10.5	1.6	8.4	14.0	4.5	22.5	0.8	0.130	100
	--	62010	■	*	5	10.5	1.6	10.5	18.0	4.5	24.5	0.8	0.130	100
	3.0 - 2.5	6303	■		5	11.5	2.3	3.2	6.0	5.0	17.5	0.8	0.065	100
	3.5 - 2.5	63035	■		5	11.0	2.3	3.7	6.0	5.1	17.5	0.8	0.065	100
	4.0 - 2.5	6304	■		5	11.5	2.3	4.3	8.0	5.1	18.5	0.8	0.080	100
	5.0 - 2.5	6305	■		5	11.5	2.3	5.3	10.0	5.1	20.5	0.8	0.090	100
4 - 6	6.0 - 2.5	6306	■		5	11.5	2.3	6.5	11.0	5.1	22.5	0.8	0.110	100
	8.0 - 2.5	6308	■		5	11.5	2.3	8.4	14.0	5.1	23.5	0.8	0.130	100
	--	63010	■	*	5	11.5	2.3	10.5	18.0	5.1	25.5	0.8	0.160	100
	4.0 - 6	6504	□		6	12.5	3.6	4.3	8.0	6.5	20.5	1.0	0.140	100
	5.0 - 6	6505	□		6	12.5	3.6	5.3	10.0	6.5	21.5	1.0	0.160	100
	6.0 - 6	6506	□		6	12.5	3.6	6.5	11.0	6.5	22.5	1.0	0.170	100
	8.0 - 6	6508	□		6	12.5	3.6	8.4	14.0	6.5	25.5	1.0	0.220	100
	10.0 - 6	65010	□		6	12.5	3.6	10.5	18.0	6.5	27.5	1.0	0.290	100

Insulated solderless terminals, fork type



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Dimensions in the crimp area to DIN 46237
- ▶ High-quality brazing process in the crimp area
- ▶ Simple fork-type mounting
- ▶ Insulation sleeve halogen-free

Characteristics

- Heat resistant to 105° C
- Easy-Entry insulation for simple cable insertion
- Cross-section-dependent colour-coding

Material

- Copper (ETP)
- Insulation sleeve: PA

Surface

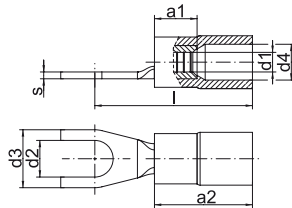
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- 0.1 - 0.4 mm² not CSA-tested
- * = not standardised



Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Hint	Dimension mm								Weight/ pcs. ~kg	Packing unit/pcs
					a1	a2	d1	d2	d3	d4	l	s		
0.1 - 0.4	--	619C3	□	*	--	--	--	3.2	5.0	--	14.0	0.5	0.020	100
	3.0 - 1	620C3	■		5	10.5	1.6	3.2	6.0	4.5	16.5	0.8	0.060	100
	3.5 - 1	620C35	■		5	10.5	1.6	3.7	6.8	4.5	17.5	0.8	0.060	100
0.5 - 1	4.0 - 1	620C4	■		5	10.5	1.6	4.3	6.8	4.5	17.5	0.8	0.070	100
	5.0 - 1	620C5	■		5	10.5	1.6	5.3	10.0	4.5	18.5	0.8	0.090	100
	--	620C6	■	*	5	10.5	1.6	6.5	11.0	4.5	20.5	0.8	0.080	100
1.5 - 2.5	3.0 - 2.5	630C3	■		5	11.5	2.3	3.2	6.0	5.1	17.5	0.8	0.060	100
	3.5 - 2.5	630C35	■		5	11.5	2.3	3.7	6.8	5.1	18.5	0.8	0.065	100
	4.0 - 2.5	630C4	■		5	11.5	2.3	4.3	6.8	5.1	18.5	0.8	0.080	100
1.5 - 2.5	5.0 - 2.5	630C5	■		5	11.5	2.3	5.3	10.0	5.1	20.5	0.8	0.090	100
	6.0 - 2.5	630C6	■		5	11.5	2.3	6.5	11.0	5.1	22.5	0.8	0.110	100
	4.0 - 6	650C4	□		6	12.5	3.6	4.3	8.0	6.5	20.5	1.0	0.140	100
4 - 6	5.0 - 6	650C5	□		6	12.5	3.6	5.3	10.0	6.5	21.5	1.0	0.160	100
	6.0 - 6	650C6	□		6	12.5	3.6	6.5	11.0	6.5	22.5	1.0	0.170	100
	8.0 - 6	650C8	□		6	12.5	3.6	8.4	14.0	6.5	25.5	1.0	0.220	100
	10.0 - 6	650C10	□		6	12.5	3.6	10.5	18.0	6.5	27.5	1.0	0.280	100



Insulated pin terminals



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ To DIN 46231
- ▶ High-quality brazing process in the crimp area
- ▶ Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105° C
- Easy-Entry insulation for simple cable insertion

Material

- Copper (ETP)
- Insulation sleeve: PA

Surface

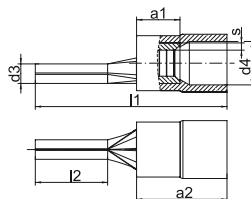
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- 0.1 - 0.4 mm² not CSA-tested
- * = not standardised



Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Hint	Dimension mm						Weight/ pcs. ~kg	Packing unit/pcs
					a1	a2	d3	d4	l1	l2		
0.1 - 0.4	--	704	□	*	--	--	1.4	--	18.0	9.0	0.020	100
0.5 - 1	1	705	■		5	10.5	1.9	4.5	22.0	10.0	0.065	100
		705K	■	*	5	10.5	1.9	4.5	18.0	6.0	0.060	100
		710	■		5	11.5	1.9	5.1	23.0	10.0	0.065	100
1.5 - 2.5	2.5	710K	■	*	5	11.5	1.9	5.1	19.5	6.5	0.060	100
		710L	■	*	5	11.5	1.9	5.1	27.5	16.0	0.100	100
		715	□		6	12.5	2.7	6.5	26.0	11.0	0.160	100

Insulated pin receptacles



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ High quality bronze material provides optimum spring characteristic and improved contact strength



Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 70° C



Material

- Bronze (CuSnZn)
- Insulation sleeve: PVC



Surface

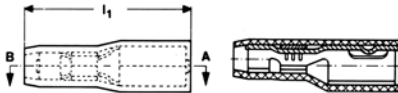
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- 1.5 - 2.5 mm² and 4 - 6 mm² not CSA-tested



Nominal cross section mm ²	Part No.	Colour	Dimension mm		Weight/pcs. ~kg	Packing unit/pcs
			Pin dia.	l1		
0.5 - 1	920	Red	4	22	0.060	100
1.5 - 2.5	930	Blue	5	22	0.120	100
4 - 6	950	Yellow	5	22	0.125	100

Insulated pin receptacles



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6



Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 70° C



Material

- Brass (CuZn)
- Insulation sleeve: PVC



Surface

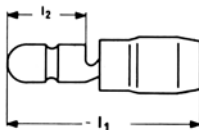
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- 1.5 - 2.5 mm² and 4 - 6 mm² not CSA-tested



Nominal cross section mm ²	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			Pin dia.	l1	l2		
0.5 - 1	1020	Red	4	22	9	0.060	100
1.5 - 2.5	1030	Blue	5	22	9	0.075	100
4 - 6	1050	Yellow	5	22	9	0.110	100



Insulated pin receptacles, fully insulated



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ High quality bronze material provides optimum spring characteristic and improved contact strength
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105° C

Material

- Bronze (CuSnZn)
- Insulation sleeve: PA

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- 4 - 6 mm² not CSA-tested

Nominal cross section mm ²	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			Pin dia.	l1	s		
0.5 - 1	920V	■	4	24	0.38	0.065	100
4 - 6	950V	■	5	27	0.40	0.150	100

Insulated pin receptacles, fully insulated



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ High quality bronze material provides optimum spring characteristic and improved contact strength
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105° C

Material

- Bronze (CuSnZn)
- Insulation sleeve: PA

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Additional information

- 1.5 - 2.5 mm² and 4 - 6 mm² not CSA-tested

Nominal cross section mm ²	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			Pin dia.	l1	l2		
0.5 - 1	1020V	■	4	25	11	0.065	100
1.5 - 2.5	1030V	■	5	25	11	0.080	100
4 - 6	1050V	■	5	27	13	0.120	100

Insulated receptacles, tinned brass



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6

Characteristics

- To DIN 46245, part 1 – 3 and similar versions
- Cross-section-dependent colour-coding
- Temperature resistance: PVC to 70° C, PA to 105° C

Material

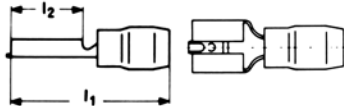
- Brass (CuZn)
- Insulation sleeve: PVC/PA

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173



Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Tab Thickn.	Tab Width	Dimension mm		Insulation material	Weight/pcs. ~kg	Packing unit/pcs
						l1	l2			
0.5 - 1		8201	■	0.5	2.8	17.5	8.0	PVC	0.035	100
		8201A	■	0.8	2.8	17.5	8.0	PVC	0.045	100
	4.8 - 1	8202	■	0.5	4.8	18.0	6.0	PVC	0.065	100
		8203	■	0.8	4.8	18.0	6.0	PVC	0.065	100
	6.3 - 1	720	■	0.8	6.3	22.0	7.5	PVC	0.090	100
		7208	■	0.8	7.7	25.0	9.5	PVC	0.110	100
1.5 - 2.5		8301	■	0.5	2.8	18.0	8.0	PA	0.050	100
		8301A	■	0.8	2.8	18.0	8.0	PA	0.060	100
	4.8 - 2.5	8302	■	0.5	4.8	18.0	6.0	PVC	0.070	100
		8303	■	0.8	4.8	18.0	6.0	PVC	0.070	100
	6.3 - 2.5	730	■	0.8	6.3	21.0	7.4	PVC	0.090	100
		7308	■	0.8	7.7	25.0	9.5	PVC	0.115	100
4 - 6	6.3 - 6	8503	■	0.8	4.8	23.0	7.5	PA	0.138	100
		750	■	0.8	6.3	21.0	7.5	PVC	0.100	100
		7509	■	1.2	9.5	26.5	12.0	PVC	0.150	100

Insulated receptacles, tinned bronze



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ High quality bronze material provides optimum spring characteristic and improved contact strength

Characteristics

- To DIN 46245, part 3
- Cross-section-dependent colour-coding
- Heat resistant to 70° C

Material

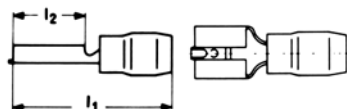
- Bronze (CuSnZn)
- Insulation sleeve: PVC

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173



Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Tab Thickn.	Tab Width	Dimension mm		Insulation material	Weight/pcs. ~kg	Packing unit/ pcs
						l1	l2			
0.5 - 1	6.3 - 1	720BZ	■	0.8	6.3	22	7.5	PVC	0.09	100
1.5 - 2.5	6.3 - 2.5	730BZ	■	0.8	6.3	21	7.4	PVC	0.09	100
4 - 6	6.3 - 6	750BZ	■	0.8	6.3	21	7.5	PVC	0.10	100

Insulated receptacles, multiple type



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 70° C

Material

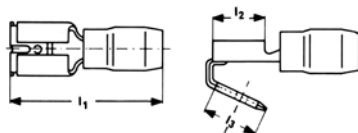
- Brass (CuZn)
- Insulation sleeve: PVC

Surface

- Tin-plated to protect against corrosion

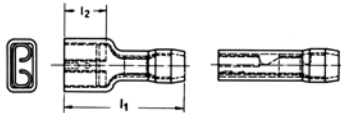
Technical instructions

- Tool: see page 173



Nominal cross section mm ²	Part No.	Colour	Tab Thickn.	Tab Width	Dimension mm			Insulation material	Weight/pcs. ~kg	Packing unit/ pcs
					l1	l2	l3			
0.5 - 1	720AZ	■	0.8	6.3	22	7.5	8	PVC	0.11	100
1.5 - 2.5	730AZ	■	0.8	6.3	22	7.5	8	PVC	0.11	100
4 - 6	750AZ	■	0.8	6.3	25	8.0	8	PVC	0.18	100

Insulated receptacles, fully insulated



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Fast processing as no additional insulation of the crimped connection is required



Characteristics

- Cross-section-dependent colour-coding
- Temperature resistance: PVC to 70° C, PA to 105° C



Material

- Brass (CuZn)
- Insulation sleeve: PVC/PA



Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Nominal cross section mm ²	Part No.	Colour	Tab Thickn.	Tab Width	Dimension mm		Insulation material	Weight/pcs. ~kg	Packing unit/pcs
					l1	l2			
0.5 - 1	8201V	■	0.5	2.8	19.0	5.5	PA	0.07	100
	8201AV	■	0.8	2.8	19.0	5.5	PA	0.07	100
	8202V	■	0.5	4.8	20.0	7.0	PVC	0.10	100
	8203V	■	0.8	4.8	20.0	7.0	PVC	0.10	100
	720V	■	0.8	6.3	21.0	7.5	PVC	0.08	100
1.5 - 2.5	8301V	■	0.5	2.8	20.0	8.0	PVC	0.14	100
	8301AV	■	0.8	2.8	20.0	8.0	PVC	0.14	100
	8302V	■	0.5	4.8	20.5	7.0	PVC	0.11	100
	8303V	■	0.8	4.8	20.5	7.0	PVC	0.11	100
	730V	■	0.8	6.3	21.0	7.5	PVC	0.15	100
4 - 6	8502V	■	0.5	4.8	20.5	9.5	PVC	0.15	100
	8503V	■	0.8	4.8	20.5	9.5	PVC	0.15	100
	750V	■	0.8	6.3	25.5	11.5	PVC	0.16	100

Insulated tabs



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6

Characteristics

- Cross-section-dependent colour-coding
- Temperature resistance: PVC to 70° C, PA to 105° C

Material

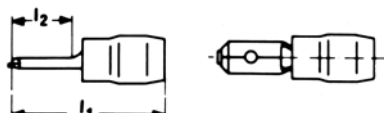
- Brass (CuZn)
- Insulation sleeve: PVC/PA

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173



Nominal cross section mm ²	Part No.	Colour	Tab Thickn.	Tab Width	Dimension mm		Insulation material	Weight/pcs. ~kg	Packing unit/pcs
					l1	l2			
0.5 - 1	8201C	■	0.5	2.8	22.0	11.5	PA	0.040	100
	8201B	■	0.8	2.8	14.6	5.5	PVC	0.060	100
	8202B	■	0.5	4.8	22.0	11.5	PA	0.070	100
	8203B	■	0.8	4.8	22.0	11.5	PA	0.070	100
	820	■	0.8	6.3	22.0	8.0	PVC	0.060	100
1.5 - 2.5	8302B	■	0.5	4.8	22.0	11.5	PA	0.070	100
	8303B	■	0.8	4.8	22.0	11.5	PA	0.070	100
	830	■	0.8	6.3	22.0	8.0	PVC	0.065	100
4 - 6	8502B	■	0.5	4.8	24.5	10.5	PA	0.120	100
	8503B	■	0.8	4.8	24.5	10.5	PA	0.120	100
	850	■	0.8	6.3	22.0	8.0	PVC	0.110	100

Insulated end-splices



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
 ► Safe sealing of open conductors
 ► Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105° C

Material

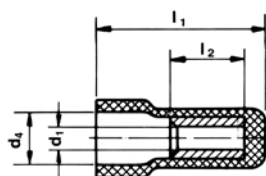
- Copper (ETP)
- Insulation sleeve: PA

Surface

- Tin-plated to protect against corrosion

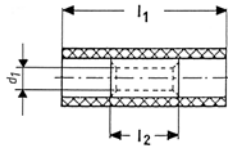
Technical instructions

- Tool: see page 173



Nominal cross section mm ²	Part No.	Colour	Dimension mm				Weight/pcs. ~kg	Packing unit/pcs
			d1	d2	l1	l2		
1.5 - 2.5	1130	■	2.3	5.2	16	7	0.05	100
4 - 6	1150	■	3.6	7.0	18	7	0.14	100

Insulated butt connectors



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Simple and safe connecting owed to butt mark
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105° C

Material

- Copper (ETP)
- Insulation sleeve: PA

Surface

- Tin-plated to protect against corrosion

Technical instructions

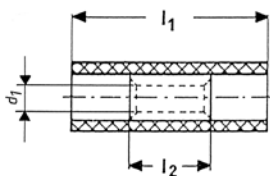
- Tool: see page 173

Additional information

- 0.1 - 0.4 mm² not CSA-tested

Nominal cross section mm ²	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			d1	l1	l2		
0.1 - 0.4	669	Yellow	1.2	20	12	0.030	100
0.5 - 1	670	Red	1.6	25	15	0.090	100
1.5 - 2.5	680	Blue	2.3	25	15	0.115	100
4 - 6	700	Yellow	3.6	27	15	0.250	100

Insulated butt connectors with heat shrink insulation



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Simple and safe processing due to butt mark
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Special crimping tool required
- Heat resistant to 105° C

Material

- Copper (ETP)
- Insulation sleeve: PE

Surface

- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

Nominal cross section mm ²	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			d1	l1	l2		
0.5 - 1	670WS	Red	1.6	36	15	0.12	100
1.5 - 2.5	680WS	Blue	2.3	36	15	0.15	100
4 - 6	700WS	Yellow	3.4	41	15	0.25	100



Insulated parallel connectors



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Fast processing as no additional insulation of the crimped connection is required
- ▶ Insulation sleeve halogen-free

Characteristics

- Cross-section-dependent colour-coding
- Heat resistant to 105° C

Material

- Copper (ETP)
- Insulation sleeve: PA

Surface

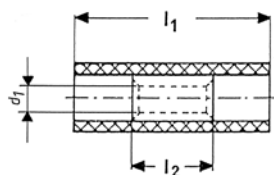
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 173

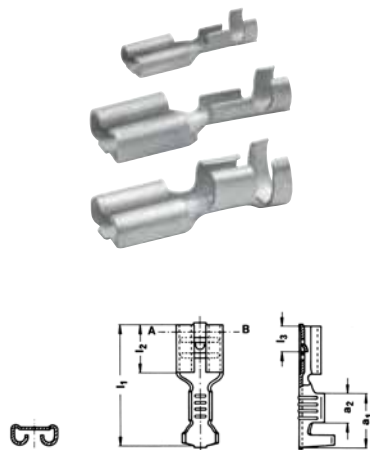
Additional information

- 0.1 - 0.4 mm² not CSA-tested



Nominal cross section mm ²	Part No.	Colour	Dimension mm			Weight/pcs. ~kg	Packing unit/pcs
			d1	l1	l2		
0.1 - 0.4	769		1.2	13	5	0.020	100
0.5 - 1	770		1.6	17	7	0.030	100
1.5 - 2.5	780		2.3	17	7	0.035	100
4 - 6	790		3.6	21	7	0.105	100

Non-insulated receptacles



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6

Characteristics

- To DIN 46247, part 1 – 3 and similar versions
- Improved contact properties due to grooved profile

Material

- Brass (CuZn)

Surface

- Tin-plated to protect against corrosion

Technical instructions

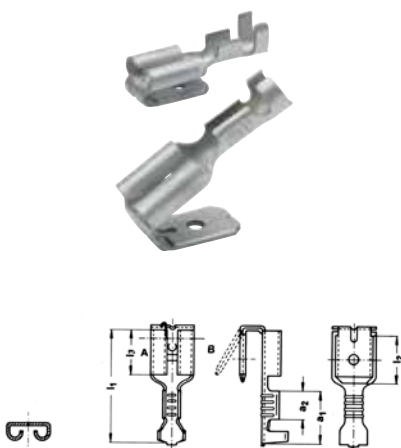
- Tool: see page 174

Additional information

- * = nickel-plated steel version also available, Part Number appendix "ST"

Nominal cross section mm ²	Nominal size to DIN	Part No.	Tab Thickn.	Tab Width	Dimension mm						Weight/ pcs. ~kg	Packing unit/pcs
					a1	a2	l1	l2	l3	s		
0.5 - 1	--	18251	0.5	2.8	5.0	2.8	12.5	5.0	3.3	0.30	0.025	100
	--	18251A	0.8	2.8	5.5	2.5	12.5	5.0	3.3	0.30	0.025	100
	B 2.8 - 1	18201A	0.8	2.8	5.5	2.5	14.0	6.3	3.3	0,35	0.025	100
	--	18202	0.5	4.8	6.0	3.4	15.6	6.0	3.8	0.35	0.050	100
	4.8 - 1	18203	0.8	4.8	6.0	3.4	15.6	6.0	3.8	0.35	0.050	100
1.5 - 2.5	6.3 - 1	1720	0.8	6.3	8.5	4.5	19.0	7.4	4.0	0.45	0.085	100
	4.8 - 2.5	18303	0.8	4.8	6.0	3.4	15.6	6.0	3.8	0.35	0.055	100
	6.3 - 2.5	*1730	0.8	6.3	8.5	4.5	19.0	7.4	4.0	0.45	0.082	100
4 - 6	6.3 - 6	*1750	0.8	6.3	8.5	4.5	19.0	7.4	4.0	0.45	0.100	100

Non-insulated receptacles, multiple type



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6

Characteristics

- To DIN 46247, part 1 – 3 and similar versions
- Improved contact properties due to grooved profile

Material

- Brass (CuZn)

Surface

- Tin-plated to protect against corrosion

Technical instructions

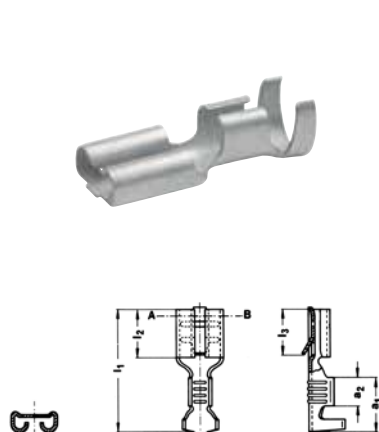
- Tool: see page 174

Additional information

- * = corresponds to DIN 46345

Nominal cross section mm ²	Part No.	Tab Thickn.	Tab Width	Hint	Dimension mm						Weight/ pcs. ~kg	Packing unit/pcs
					a1	a2	l1	l2	l3	s		
0.5 - 1	18203AZ	0.8	4.8		6.0	3.4	15.6	7	6.0	0.38	0.09	100
1.5 - 2.5	18303AZ	0.8	4.8		6.0	3.4	15.6	7	6.0	0.38	0.09	100
	1730AZ	0.8	6.3	*	8.5	4.5	19.2	8	7.5	0.38	0.13	100

Non-insulated receptacles with locking latch



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6

Characteristics

- To DIN 46340, sheet 3
- With latch to engage in housing
- Improved contact properties due to grooved profile

Material

- Brass (CuZn)

Surface

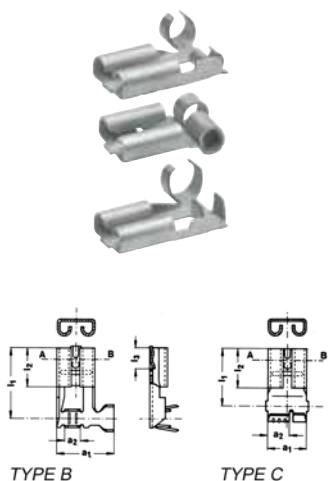
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 174

Nominal cross section mm ²	Part No.	Tab Thickn.	Tab Width	Dimension mm						Weight/pcs. ~kg	Packing unit/pcs
				a1	a2	l1	l2	l3	s		
0.5 - 1	2720	0.8	6.3	8.5	4.5	19.2	7.4	7	0.38	0.070	100
1.5 - 2.5	2730	0.8	6.3	8.5	4.5	19.2	7.4	7	0.38	0.075	100
4 - 6	2750	0.8	6.3	8.5	4.5	19.2	7.4	7	0.38	0.090	100

Non-insulated receptacles with lateral conductor connector



► For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
 ► Improved contact properties due to grooved profile

Material

- Brass (CuZn)

Surface

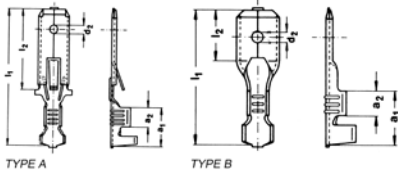
- Tin-plated to protect against corrosion

Technical instructions

- Tool: see page 174

Nominal cross section mm ²	Part No.	Tab Thickn.	Tab Width	Typ	Dimension mm						Weight/pcs. ~kg	Packing unit/pcs
					a1	a2	l1	l2	l3	l4		
0.5 - 1	3720	0.8	6.3	B	11.0	3.0	12.5	7.4	4.0	7.2	0.080	100
0.5 - 1.5	3725	0.8	6.3	C	7.5	4.0	11.00	7.4	4.0	7.2	0.085	100
1.5 - 2.5	3735	0.8	6.3	B	11.0	3.0	13.5	7.0	4.0	7.2	0.085	100

Non-insulated tabs



- ▶ For fine and superfine stranded conductors, e.g. to DIN EN 60228 Cl. 5 and 6
- ▶ Improved contact properties due to grooved profile



Material

- Brass (CuZn)



Surface

- Tin-plated to protect against corrosion



Technical instructions

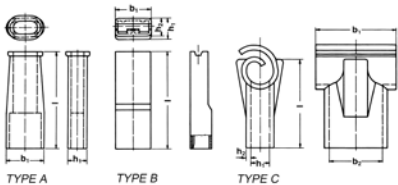
- Tool: see page 174

Additional information

- * = dimensions in the plug sector to DIN 46244

Nominal cross section mm ²	Nominal size to DIN	Part No.	Tab Thickn.	Tab Width	Typ	Hint	Dimension mm					Weight/pcs. ~kg	Packing unit/pcs
							a1	a2	d2	l1	l2		
0.5 - 1		2235	0.8	2.8	A	*	6.0	3.2	1.30	22.5	12.7	0.045	100
	46343 B6.3 - 1	2220	0.8	6.3	A		8.2	4.0	1.65	28.0	16.0	0.085	100
1.5 - 2.5	46248 A6.3 - 2.5	1830	0.8	6.3	B		9.0	4.5	1.65	20.0	8.0	0.065	100
	46343 B6.3 - 2.5	2230	0.8	6.3	A		8.2	4.0	1.65	28.0	16.0	0.090	100
4 - 6	46343 B6.3 - 6	2250	0.8	6.3	A		8.2	4.0	1.65	28.0	16.0	0.100	100

Insulation sleeves



- ▶ For non-insulated tabs
- ▶ Perfectly-matched to the different versions

Characteristics

- For post-insulation of crimped non-insulated receptacles

Material

- PA / PE / PVC

Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Typ	Dimension mm			Insulation material	for item	Weight/pcs. ~kg	Packing unit/pcs
					b1	l	h1				
0.5 - 1	2.8	2755	□	A	5.0	20.0	3.5	PE	18251,18251A, 18201A	0.015	100
0.5 - 1.5	4.8	2760	□	A	7.0	20.0	4.0	PE	18202,18203	0.015	100



Insulation sleeves

Nominal cross section mm ²	Nominal size to DIN	Part No.	Colour	Typ	Dimension mm			Insulation material	for item	Weight/pcs. ~kg	Packing unit/pcs
					b1	l	h1				
0.5 - 2.5	6.3	2770		A	12.5	23.0	8.5	PE	1720,1730	0.035	100
		2775		A	9.5	25.0	5.0	PE	1820,1830	0.030	100
0.5 - 4	6.3	2780		A	9.5	25.0	6.0	PE	1720,1730, 1820,1830	0.030	100
0.5 - 6		2785		B	9.2	24.5	5.6	PA	1720,1730,1750, 2720,2730,2750	0.055	100
	2790		C	13.5	15.0	3.1	PVC	3720,3725, 3735	0.060	100	

Non-insulated tabs, angled version



Characteristics

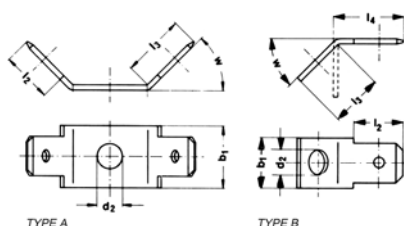
- To DIN 46342, part 1 and similar versions
- Dimensions in the plug sector to DIN 46244

Material

- Brass (CuZn)

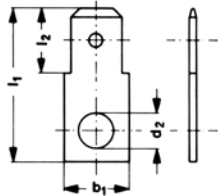
Surface

- Tin-plated to protect against corrosion



Nominal size to DIN	Part No.	Tab Thickn.	Tab Width	Typ	Dimension mm						Weight/pcs. ~kg	Packing unit/pcs
					b1	d2	l2	l3	l4	w		
--	2040	0.8	2.8	A	2.8	3.2	5.5	2.2	--	60°	0.040	100
	2045	0.8	6.3	A	6.3	4.3	8.0	4.0	--	45°	0.160	100
	2060	0.8	6.3	B	6.3	4.3	8.0	4.0	10.7	30°	0.085	100
	2070	0.8	6.3	B	6.3	3.2	8.0	4.0	10.7	45°	0.085	100
	2075	0.8	6.3	B	6.3	4.3	8.0	4.0	10.7	45°	0.085	100
B 6.3 - 0.8	2080	0.8	6.3	B	6.3	4.3	8.0	4.0	10.7	45°	0.085	100
--	2083	0.8	6.3	B	6.3	5.3	8.0	4.0	10.7	45°	0.080	100
	2090	0.8	6.3	B	6.3	5.3	8.0	4.0	10.7	45°	0.080	100
	2100	0.8	6.3	B	6.3	2.5	8.0	4.0	11.5	90°	0.075	100
	2105	0.8	6.3	B	6.3	3.2	8.0	4.0	11.5	90°	0.085	100
	C 6.3 - 0.8	2115	0.8	6.3	B	6.3	4.3	8.0	4.0	11.5	90°	0.090

Non-insulated tabs, straight version



TYPE A

Characteristics

- To DIN 46342, part 1 and similar versions
- Dimensions in the plug sector to DIN 46244

Material

- Brass (CuZn)

Surface

- Tin-plated to protect against corrosion

Nominal size to DIN	Part No.	Tab Thickn.	Tab Width	Typ	Dimension mm					Weight/pcs. ~kg	Packing unit/pcs
					b1	d2	l1	l2	s		
--	2123	0.8	2.8	A	4.5	3.1	13.0	5.5	0.8	0.028	100
A 6.3 - 0.8	2140	0.8	6.3	A	8.0	4.3	19.0	8.0	0.8	0.086	100
--	2145	0.8	6.3	A	8.0	5.3	19.0	8.0	0.8	0.080	100

Non-insulated tabs for soldering



► Material used offers very good soldering characteristics

Characteristics

- Dimensions in the plug sector to DIN 46244
- For soldering in printed circuits

Material

- Brass (CuZn)

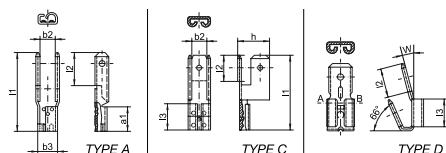
Surface

- Tin-plated to protect against corrosion

Part No.	Tab Thickn.	Tab Width	Typ	Dimension mm								Weight/pcs. ~kg	Packing unit/pcs
				b1	b2	b3	l1	l2	l3	l4	s		
2010	0.8	2.8	A	--	--	--	10.5	6.5	--	--	0.8	0.015	100
2020	0.5	2.8	C	1.0	5	--	--	7.1	8	13.4	0.5	0.025	100
2025	0.8	2.8	C	1.0	5	--	--	7.1	8	13.4	0.8	0.040	100
2030	0.8	6.3	D	3.5	5	6.4	16.0	8.0	4	12.0	0.8	0.065	100
2035	0.8	6.3	E	3.8	5	6.2	16.0	8.0	3	12.0	0.8	0.085	100



Non-insulated multiple tabs



Characteristics

- Dimensions in the plug sector to DIN 46244

Material

- Brass (CuZn)

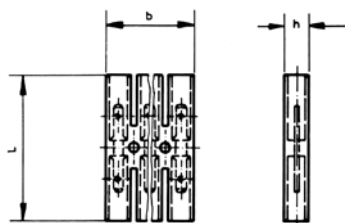
Surface

- Tin-plated to protect against corrosion

Part No.	Tab Thickn.	Tab Width	Typ	Dimension mm									Weight/pcs. ~kg	Packing unit/pcs
				a1	b2	b3	l1	l2	l3	h	w			
735	0.8	2.8	A	5	3.2	3.1	16.0	6.7	--	--	--	0.060	100	
755	0.8	4.8	C	--	4.4	--	20.0	7.0	7.0	8.0	--	0.155	100	
725	0.8	6.3	D	--	--	--	--	8	7.5	--	15°	0.115	100	
775	0.8	6.3	C	--	--	--	20.5	12	7.5	9.6	--	0.200	100	

Flexible connector, tab width 2.8 mm, 4.8 mm and 6.3 mm

► No additional insulation required



Characteristics

- With tabs 2.8, 4.8 or 6.3 x 0.8 mm
- 1, 2 and 12-poles
- Further poles on request

Part No.	Tab Thickn.	Tab Width	Poles	Dimension mm				Insulation material	Bolt size mm		Weight/pcs. ~kg	Packing unit/pcs
				b	l	h	s		Distance	Diameter		
Tab Width 2.8 mm												
8101	0.8	2.8	1	7.5	35	5.5	0.8	PVC	--	--	0.2	100
8102	0.8	2.8	2	15.0	35	5.5	0.8	PVC	--	2.7	0.3	50
81012	0.8	2.8	12	88.0	35	5.5	0.8	PVC	75	2.7	1.6	10
Tab Width 4.8 mm												
8051	0.8	4.8	1	12.5	28	6.6	0.8	PVC	--	--	0.25	100
8052	0.8	4.8	2	25.0	28	6.6	0.8	PVC	--	3.2	0.50	50
80512	0.8	4.8	12	142.0	28	6.6	0.8	PVC	120	3.2	2.80	10
Tab Width 6.3 mm												
8001	0.8	6.3	1	12.5	28	6.6	0.8	PVC	--	--	0.30	100
8002	0.8	6.3	2	25.0	28	6.6	0.8	PVC	--	3.7	0.55	50
80012	0.8	6.3	12	142.0	28	6.6	0.8	PVC	120	3.7	3.20	10

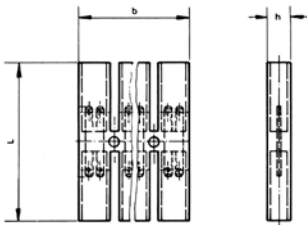
Polyamide connector, tab width 2.8 and 6.3 mm

► No additional insulation required



Characteristics

- With tabs 2.8 x 0.8 mm and 6.3 x 0.8 mm
- 1, 2 and 12-poles
- Further poles on request



Part No.	Tab Thickn.	Tab Width	Poles	Dimension mm				Insulation material	Bolt size mm		Weight/ pcs. ~kg	Packing unit/pcs
				b	l	h	s		Distance	Diameter		
8011	0.8	6.3 and 2 x 2.8	1	10.0	50	7.5	0.8	PA	--	--	0.25	100
8012	0.8	6.3 and 2 x 2.8	2	22.5	50	7.5	0.8	PA	--	3.1	0.50	50
80112	0.8	6.3 and 2 x 2.8	12	147.5	50	7.5	0.8	PA	125	3.1	3.10	10

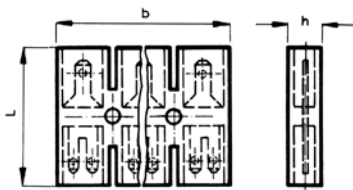
Flexible circuit distributor, tab width 2.8 mm

► No additional insulation required



Characteristics

- With tabs 2.8 x 0.8 mm
- 1 and 12-poles
- Further poles on request



Part No.	Tab Thickn.	Tab Width	Poles	Dimension mm				Insulation material	Bolt size mm		Weight/ pcs. ~kg	Packing unit/pcs
				b	l	h	s		Distance	Diameter		
8151	0.8	2.8	1	12.5	28	7	0.8	PVC	--	--	0.25	100
81512	0.8	2.8	12	147.0	28	7	0.8	PVC	123	3.2	2.80	10



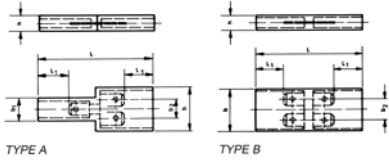
Flexible circuit distributor, tab width 6.3 mm



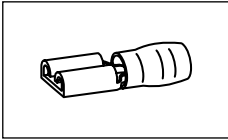
► No additional insulation required

Characteristics

- With tabs 6.3 x 0.8 mm



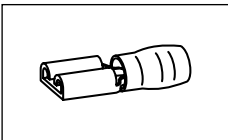
Part No.	Tab Thickn.	Tab Width	Typ	Dimension mm								Insulation material	Weight/ pcs. ~kg	Packing unit/pcs
				b	b1	b2	l	l1	h	s				
816	0.8	6.3	A	21	11.3	9	53	15	7.5	0.8	PVC	0.60	10	
817	0.8	6.3	B	20	11.3	9	51	13	7.0	0.8	PVC	0.65	10	



Tool application chart

Insulated cable connections

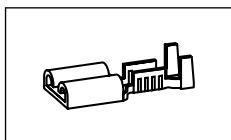
Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical crimping tools	0,1 - 1	K80		218		○
	0,5 - 6	K82		219		○
	0,5 - 6	K82T		220		○
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	0,1 - 16	K50		235	313	○
		EK50ML		244	313	○
	0,5 - 6	K507		234		○
Battery powered crimping tools	0,1 - 16	EK1550ML		248	313	○



Tool application chart

Butt connectors with heat shrink insulation

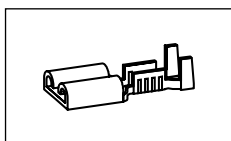
Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	0,1 - 16	K50		235	313	○
		EK50ML		244	313	○
	0,5 - 6	K82T		220		○
Battery powered crimping tools	0,1 - 16	EK1550ML		248	313	○



Tool application chart

Non-insulated receptacles, straight type

Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical crimping tools	0.1 - 1	K572		221		☺
	0.5 - 2.5	K582		221		☺
		K65		222		☺
	0.5 - 6	K592		222		☺
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	0.25 - 6	K50		235	313	☺
		EK50ML		244	313	☺
Battery powered crimping tools	0.25 - 6	EK1550ML		248	313	☺



Tool application chart

Non-insulated receptacles, with lateral conductor connector

Tool type	Crimping range corresponds to nominal cross-section mm ²	Crimping Tool		Catalogue page		Crimp profile
		Part No.	Crimping head / adapter	Crimping Tool	Crimping die	
Mechanical, electrical, pneumatic crimping tools with interchangeable die / head	3720, 3735	K50		235	313	☺
		EK50ML		244	313	☺
	3725	K50		235	313	☺
		EK50ML		244	313	☺
Battery powered crimping tools	3720, 3735	EK1550ML		248	313	☺
	3725	EK1550ML		248	313	☺

