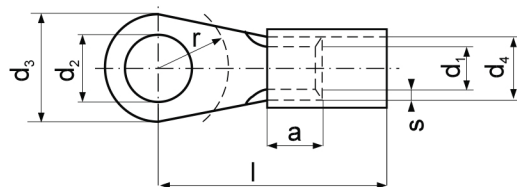


KOV Ring terminal

for multi-wire Cu cables



With polyamide insulation
 Thermal resistance: -40°C to +125°C
 Material: galvanically tinned copper
 According to DIN 46237

| Cross section [mm ²] | For screw M | d ₂ [mm] | Symbol | s [mm] | d ₁ [mm] | d ₃ [mm] | d ₄ [mm] | l [mm] | a [mm] | r [mm] | Weight [g/pce] | Unit [pcs] | Crimping tools | | | | |
|----------------------------------|-------------|---------------------|------------|--------|---------------------|---------------------|---------------------|--------|--------|--------|----------------|------------|----------------|----|-----|------|-------|
| 0,5 ÷ 1 | 3 | 3,2 | KOV 3-1 | 0,8 | 1,6 | 6 | 3,2 | 16 | 5 | 4,5 | 0,66 | 100 | | | | | |
| | 4 | 4,3 | KOV 4-1 | | | | | | | | | | 8 | 16 | 5,5 | 0,77 | |
| | 5 | 5,5 | KOV 5-1 | | | | | | | | | | 10 | 17 | 6 | 1,00 | |
| | 6 | 6,5 | KOV 6-1 * | | | | | | | | | | 12 | 22 | 10 | 1,20 | |
| | 8 | 8,5 | KOV 8-1 * | | | | | | | | | | 12 | 22 | 10 | 1,23 | |
| 1,5 ÷ 2,5 | 3 | 3,2 | KOV 3-2,5 | 0,8 | 2,3 | 6 | 3,9 | 17 | 5 | 4,5 | 1,00 | 100 | PR33 | | | | |
| | 4 | 4,3 | KOV 4-2,5 | | | | | | | | | | 8 | 18 | 6 | 0,91 | E11-6 |
| | 5 | 5,5 | KOV 5-2,5 | | | | | | | | | | 10 | 20 | 6,5 | 1,07 | RE6 |
| | 6 | 6,5 | KOV 6-2,5 | | | | | | | | | | 11 | 20 | 6,5 | 1,18 | PP8 |
| | 8 | 8,5 | KOV 8-2,5 | | | | | | | | | | 14 | 23 | 10 | 1,45 | PP19 |
| | 10 | 11 | KOV 10-2,5 | | | | | | | | | | 18 | 26 | 12 | 1,70 | |
| | 12 | 13 | KOV 12-2,5 | | | | | | | | | | 18 | 26 | 13 | 1,50 | |
| 16 | 17 | KOV 16-2,5 | 21 | 26 | 16 | 1,80 | | | | | | | | | | | |
| 4 ÷ 6 | 4 | 4,3 | KOV 4-6 | 1 | 3,6 | 8 | 5,6 | 20 | 6 | 6 | 1,69 | 100 | PR33 | | | | |
| | 5 | 5,5 | KOV 5-6 | | | | | | | | | | 10 | 21 | 6,5 | 1,89 | E11-6 |
| | 6 | 6,5 | KOV 6-6 | | | | | | | | | | 11 | 22 | 7,5 | 2,02 | RE6 |
| | 8 | 8,5 | KOV 8-6 | | | | | | | | | | 14 | 25 | 10 | 2,50 | PP8 |
| | 10 | 11 | KOV 10-6 | | | | | | | | | | 18 | 26 | 12 | 3,08 | PP19 |
| 12 | 13 | KOV 12-6 * | 18 | 27 | 12 | 4,02 | | | | | | | | | | | |

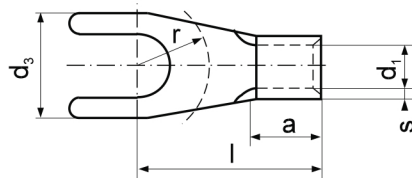
Insulation colours, * - outside DIN standard

Standard production: the edges of folded tubular part are soldered.

VO class insulation on request – symbol e.g. KOV 5-1-VO.

KNA Spade terminal

for multi-wire Cu cables



Without insulation
 Material: galvanically tinned copper
 Tubular part according to DIN 46234

| Cross section [mm ²] | For screw M | Symbol | s [mm] | d ₁ [mm] | d ₃ [mm] | l [mm] | a [mm] | r [mm] | Weight [g/pce] | Unit [pcs] | Crimping tools | | | | |
|----------------------------------|-------------|---------------|--------|---------------------|---------------------|--------|--------|--------|----------------|------------|--|----|-----|------|-----------|
| 0,5 ÷ 1 | 3 | KNA 3-1 | 0,8 | 1,6 | 6 | 11 | 5 | 4,5 | 0,50 | 100 | | | | | |
| | 4 | KNA 4-1 | | | | | | | | | 8 | 12 | 4,5 | 0,60 | |
| | 5 | KNA 5-1 | | | | | | | | | 10 | 14 | 6,5 | 0,75 | PR33 |
| | 6 | KNA 6-1 * | | | | | | | | | 11 | 17 | 7,6 | 0,95 | A22-2 |
| 1,5 ÷ 2,5 | 3 | KNA 3-2,5 | 0,8 | 2,3 | 6 | 11 | 5 | 4,5 | 0,55 | 100 | A11-6 | | | | |
| | 3,5 | KNA 3,5-2,5 | | | | | | | | | 6 | 11 | 4,5 | 0,50 | RA16 |
| | 4 | KNA 4-2,5-A * | | | | | | | | | 6,8 | 12 | 4,5 | 0,69 | ETA66 |
| | 4 | KNA 4-2,5 | | | | | | | | | 8 | 12 | 4,5 | 0,65 | PP8 |
| | 5 | KNA 5-2,5 | | | | | | | | | 10 | 14 | 6,5 | 0,90 | PP19 |
| | 6 | KNA 6-2,5 | | | | | | | | | 11 | 16 | 7 | 1,00 | |
| | 8 | KNA 8-2,5 | | | | | | | | | 14 | 17 | 10 | 1,20 | |
| 4 ÷ 6 | 4 | KNA 4-6 | 1 | 3,6 | 8 | 14 | 6 | 4,5 | 1,40 | 100 | PR33, A11-6 | | | | |
| | 5 | KNA 5-6 | | | | | | | | | 10 | 15 | 6,5 | 1,60 | RA16 |
| | 6 | KNA 6-6 | | | | | | | | | 11 | 16 | 7 | 1,70 | ETA66 |
| | 8 | KNA 8-6 | | | | | | | | | 14 | 19 | 10 | 2,20 | PP8, PP19 |
| 10 | 5 | KNA 5-10 | 1,1 | 4,5 | 10 | 17 | 8 | 6,5 | 2,35 | 100 | EPZC300, EPZ300, GZ300, HR300, PRZ240, G0300, HRZ300, GU120, HR100-U, PR240, R50, PP19, RA16 | | | | |
| | 6 | KNA 6-10 | | | | | | | | | 11 | 17 | 7,5 | 2,30 | |
| | 8 | KNA 8-10 | | | | | | | | | 14 | 19 | 10 | 2,80 | |

* - outside DIN standard