

Technický list produktu (datasheet): IKA21756--

# Svorka Al-Cu, 1-pólová, dvojité, 300mm<sup>2</sup> černá

for copper conductors according to IEC 60947-7-1 and UL 1059, CSA-C22.2 No. 158, for aluminum conductors according to UL 1059, CSA-C22.2 No. 158, note maintenance instructions



## Schrack Info

- Distribution block for connecting Al and Cu conductors
- 50mm<sup>2</sup> up to 300mm<sup>2</sup> models available
- When using aluminium conductors the common practices for installation must be observed
- Adjust the contact clamps after 6-8 weeks
- Aluminum-terminals for solid round conductors (RE), multi-wire conductors (RM), fine-stranded conductors with end ferrules and also sector conductors (SE and SM)

## Technické informace

|                              |               |
|------------------------------|---------------|
| Hloubka (netto) (mm)         | 73,50         |
| Šířka (netto) (mm)           | 67,60         |
| Hmotnost (netto) (kg)        | 0,03          |
| EAN                          | 9004840595055 |
| Ztrátový výkon (W)           | 4,00          |
| Minimální teplota okolí (°C) | -25           |

## Technické informace - Pokračování

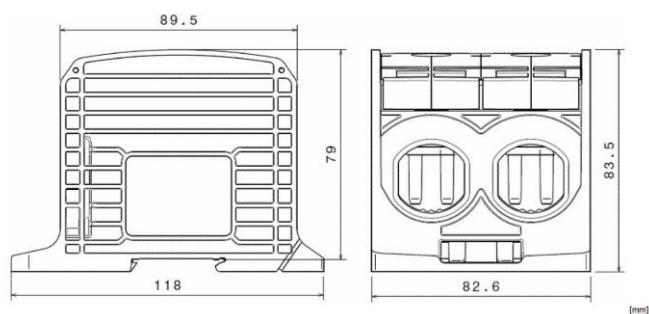
|                              |        |
|------------------------------|--------|
| Maximální teplota okolí (°C) | 80     |
| Základní popis               | Svorky |

### Datová tabulka: Svorka Al-Cu, 1-pólová, dvojité, 300mm<sup>2</sup> černá

|                          |                                                             |                              |                    |          |
|--------------------------|-------------------------------------------------------------|------------------------------|--------------------|----------|
| Vorschriften:            | Zulassung nach IEC 60947-7-1                                |                              |                    |          |
| Nennspannung:            | 1.000VAC/1.000VDC                                           |                              |                    |          |
| Strombelastbarkeit:      | Cu 520A<br>Geprüft durch SGS Fimko Ltd                      |                              |                    |          |
| Bemessungsquerschnitt:   | 300mm <sup>2</sup>                                          |                              |                    |          |
| Stoßspannungsfestigkeit: | 8kV                                                         |                              |                    |          |
| Verschmutzungsgrad:      | 3                                                           |                              |                    |          |
| Überspannungskategorie:  | III                                                         |                              |                    |          |
| CTI Wert:                | 550                                                         |                              |                    |          |
| Anschlussquerschnitte:   | Anzahl Anschlüsse: 4x300mm <sup>2</sup> (Rund&Sektorleiter) |                              |                    |          |
|                          | IEC 60947-7-1                                               |                              |                    |          |
|                          | Cu                                                          |                              |                    |          |
|                          | Mehrdrähtig                                                 | Feindrähtig mit Aderendhülse |                    |          |
|                          | 300mm <sup>2</sup>                                          | 45Nm                         | /                  |          |
|                          | 240mm <sup>2</sup>                                          |                              | 45Nm               |          |
|                          | 185mm <sup>2</sup>                                          |                              |                    |          |
|                          | 150mm <sup>2</sup>                                          |                              |                    |          |
|                          | 120mm <sup>2</sup>                                          | /                            | 30Nm               |          |
|                          | 95mm <sup>2</sup>                                           |                              |                    |          |
| 70mm <sup>2</sup>        |                                                             |                              |                    |          |
| 50mm <sup>2</sup>        |                                                             |                              |                    |          |
| 35mm <sup>2</sup>        |                                                             |                              |                    |          |
| Abisolierlänge           | 34mm                                                        |                              |                    |          |
| Innensechskant           | M24 (SW 12mm)                                               |                              |                    |          |
| Messanschlüsse:          | Anzahl Anschlüsse: 1x10mm <sup>2</sup> (Rund&Sektorleiter)  |                              |                    |          |
|                          | 10mm <sup>2</sup>                                           | 1,2Nm                        | /                  |          |
|                          | 6mm <sup>2</sup>                                            |                              | 1,2Nm              |          |
|                          | 4mm <sup>2</sup>                                            |                              |                    |          |
|                          | 2,5mm <sup>2</sup>                                          |                              |                    |          |
|                          | 1,5mm <sup>2</sup>                                          |                              |                    |          |
|                          | Abisolierlänge                                              | 10mm                         |                    |          |
|                          | Schraube                                                    | M4 (+/-PZ2)                  |                    |          |
|                          | Werkstoffe:                                                 | Klemmkörper:                 | Aluminium          | verzinkt |
|                          |                                                             | Gehäuse:                     | PA 6 (Halogenfrei) |          |
| Schrauben:               |                                                             | Stahl                        | verzinkt           |          |
| Flammwidrigkeit:         | Selbstverlöschend                                           |                              |                    |          |
| Ausführung:              | Fingersicher IP 20                                          |                              |                    |          |

## Datová tabulka: Svorka Al-Cu, 1-pólová, dvojité, 300mm<sup>2</sup> černá

|                          |                                                    |                              |                                                    |                                                        |                              |             |        |        |       |       |
|--------------------------|----------------------------------------------------|------------------------------|----------------------------------------------------|--------------------------------------------------------|------------------------------|-------------|--------|--------|-------|-------|
| Vorschriften:            | Zulassung nach IEC 60947-7-1                       |                              |                                                    | UL 1059, CSA-C22.2 No. 158                             |                              |             |        |        |       |       |
| Nennspannung:            | 1.000VAC/1.000VDC                                  |                              |                                                    | 1.000 VAC                                              |                              |             |        |        |       |       |
| Strombelastbarkeit:      | Cu 520A<br>Geprüft durch SGS Fimko Ltd             |                              |                                                    | Cu 420 A, Al 340 A                                     |                              |             |        |        |       |       |
| Bemessungsquerschnitt:   | 300mm2                                             |                              |                                                    | 600 kcmi                                               |                              |             |        |        |       |       |
| Stoßspannungsfestigkeit: | 8kV                                                |                              |                                                    |                                                        |                              |             |        |        |       |       |
| Verschmutzungsgrad:      | 3                                                  |                              |                                                    |                                                        |                              |             |        |        |       |       |
| Überspannungskategorie:  | III                                                |                              |                                                    |                                                        |                              |             |        |        |       |       |
| CTI Wert:                | 550                                                |                              |                                                    | 550                                                    |                              |             |        |        |       |       |
| Anschlussquerschnitte:   | Anzahl Anschlüsse: 2x300mm2<br>(Rund&Sektorleiter) |                              |                                                    | Anzahl Anschlüsse: 2 x 600 kcmil (Rund & Sektorleiter) |                              |             |        |        |       |       |
|                          | IEC 60947-7-1                                      |                              |                                                    | UL 1059, CSA-C22.2 No. 158                             |                              |             |        |        |       |       |
|                          | Cu                                                 |                              |                                                    | Cu                                                     |                              | Al          |        |        |       |       |
|                          | Mehrdrähtig                                        | Feindrähtig mit Aderendhülse |                                                    | Mehrdrähtig                                            | Feindrähtig mit Aderendhülse | Mehrdrähtig |        |        |       |       |
|                          | 300mm2                                             | 45Nm                         |                                                    | -                                                      | 33,9Nm                       | 65Nm        |        |        |       |       |
|                          | 240mm2                                             |                              | 45Nm                                               | 33,9Nm                                                 |                              |             |        |        |       |       |
|                          | 185mm2                                             |                              |                                                    |                                                        |                              |             | 33,9Nm |        |       |       |
|                          | 150mm2                                             |                              |                                                    |                                                        |                              |             |        | 33,9Nm |       |       |
|                          | 120mm2                                             | -                            |                                                    |                                                        | -                            |             |        |        |       |       |
|                          | 95mm2                                              |                              | -                                                  |                                                        |                              |             |        |        |       |       |
| 70mm2                    | -                                                  |                              |                                                    |                                                        |                              |             |        |        |       |       |
| 50mm2& 35mm2             |                                                    |                              |                                                    | -                                                      |                              |             |        |        |       |       |
| Abisolierlänge           |                                                    | 34mm                         |                                                    |                                                        | Abisolierlänge               | 34mm        |        |        |       |       |
| Innensechskant           |                                                    | M24 (SW 12mm)                | Innensechskant                                     |                                                        | M24 (SW 12mm)                |             |        |        |       |       |
| Messanschlüsse:          | Anzahl Anschlüsse: 1x10mm2<br>(Rund&Sektorleiter)  |                              | Anzahl Anschlüsse: 1 x AWG 8 (Rund & Sektorleiter) |                                                        |                              |             |        |        |       |       |
|                          | 10mm2                                              | 1,2Nm                        | -                                                  | 2,3Nm                                                  | -                            |             |        |        |       |       |
|                          | 6mm2                                               |                              | 1,2Nm                                              |                                                        |                              | 2,3Nm       |        |        |       |       |
|                          | 4mm2                                               |                              |                                                    |                                                        |                              |             | 1,2Nm  | 2,3Nm  |       |       |
|                          | 2,5mm2                                             |                              |                                                    |                                                        |                              |             |        |        | 1,2Nm | 2,3Nm |
|                          | 1,5mm2                                             |                              |                                                    |                                                        |                              |             |        |        |       |       |
|                          | Abisolierlänge                                     | 10mm                         |                                                    | Abisolierlänge                                         | 10 mm                        |             |        |        |       |       |
|                          | Schraube                                           | M4 (+/-PZ2)                  | Schraube                                           | M4 (+/- PZ2)                                           |                              |             |        |        |       |       |
|                          | Werkstoffe:                                        | Klemmkörper:                 | Aluminium                                          |                                                        | verzinkt                     |             |        |        |       |       |
|                          |                                                    | Gehäuse:                     | PA 6 (Halogenfrei)                                 |                                                        |                              |             |        |        |       |       |
| Schrauben:               |                                                    | Stahl                        |                                                    | verzinkt                                               |                              |             |        |        |       |       |
| Flammwidrigkeit:         |                                                    | Selbstverlöschend            |                                                    |                                                        |                              |             |        |        |       |       |

**Rozměrový výkres: Svorka Al-Cu, 1-pólová, dvojité, 300mm<sup>2</sup> černá**

## Tabulka objednacích čísel

| POPIS                                                                                                                                                                                                                                        | OBJ. ČÍSLO |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Svorka Al-Cu, 1-pólová, dvojité, 300mm <sup>2</sup> černá<br>for copper conductors according to IEC 60947-7-1 and UL 1059, CSA-C22.2 No. 158, for aluminum conductors according to UL 1059, CSA-C22.2 No. 158, note maintenance instructions |            |
| <b>Nezbytné příslušenství</b>                                                                                                                                                                                                                |            |
| Ochranný tuk pro připojování Alu vodičů<br>Tuba 200 g, ochranný tuk DIN 51825 K 2 C-40                                                                                                                                                       | IKAP0200   |
| <b>Volitelné příslušenství</b>                                                                                                                                                                                                               |            |
| Kryt proti prachu pro svorku Al-Cu, 300mm <sup>2</sup><br>for copper conductors according to IEC 60947-7-1 and UL 1059, CSA-C22.2 No. 158, for aluminum conductors according to UL 1059, CSA-C22.2 No. 158, note maintenance instructions    |            |