

# ALUKAFLEX Cableset 400V - 5P CEE plug and connector



## Application

Fixed installed in temporary installations on construction sites and similar.

|                                  |   |
|----------------------------------|---|
| Conductor                        | Flexible aluminum conductor principally like IEC 60228 class 5  |
| Separator                        | Foil around conductor   |
| Conductor insulation             | EPR rubber 90°C, IEC 50363-1  |
| Sheath                           | Black oil resistant CPE rubber or similar acc. IEC50363-1   |
| Ambient temp. at installation    | Min -30°C   |
| Conductor temperature            | Max 90°C  |
| Short circuit temperature        | Max 250°C   |
| Min. bending radius              | 6xD fixed installed   |
| Oil resistant                    | ISO 60811-2-1   |
| UV resistant                     | ISO 4892-82   |
| Flame retardant                  | IEC 60332-1   |
| Halogenfree                      | EC 60754  |
| Recommended maximum Cable length | With 4% in allowed voltage drop in the cable, the calculated maximum cable length is approximately 50m. |
| <b>CEE plug/Connector</b>        |   |
| Rated voltage                    | 400V  |
| Current rating / Enclosure       | 32 A/IP44 - 63 A/IP67   |
| Number of poles                  | 3P+N+PE   |
| Approval                         | Intertek, CE acc.to Low Voltage Directive<br>Meets RoHS and REACH                                       |
| Test voltage                     | 2 kV  |

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| <b>Program</b>   | <b>Cable length</b> | <b>Weight kg/set.</b> |
|------------------|---------------------|-----------------------|
| 5G6 med 32A CEE  | 5m                  | 3,2                   |
|                  | 10m                 | 5,8                   |
|                  | 15m                 | 8,4                   |
|                  | 25m                 | 13,7                  |
|                  | 50m                 | 26,8                  |
| 5G16 med 63A CEE | 5m                  | 7,2                   |
|                  | 10m                 | 12,8                  |
|                  | 15m                 | 18,5                  |
|                  | 25m                 | 29,7                  |
|                  | 50m                 | 57,8                  |