Valid from: 02.06.2023

EPIC[®] POWER K 4/0



Description

- Combination insert Power and Control
- High power in one connector insert
- Best in combination with ÖLFLEX® SERVO



General Characteristics

Series	К 4
Version	Male (Article 44424041) /Female(Article 44424042)
Number of Contacts	4 + PE
Termination Methods	Screw termination: 1.5 - 16.0 mm ²
Temperature Range	-40°C to +125°C

500

Mechanical Characteristics

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Electrical Characteristics

Rated Voltage	830 V Power
Rated Voltage UL	600 V
Rated Voltage	600 V
Rated Impulse Voltage	8 kV
Rated Current	80 A Power
Contact Resistance	< 5 mOhm
Degree of Soiling	3

Materials and Surfaces

Insert Flammability Class according to UL 94 Contacts Contact plating

Approvals

UL-Approval E-File

E75770

V0

CuZn

Ag (silver)

PC, polycarbonate

IEC 61984, UL1977, CSA 22.2 182.3

Standards

Safety Standards



 Creator: STKU3/PDP
 Document: DB44424041EN
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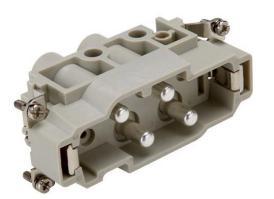
DATA SHEET

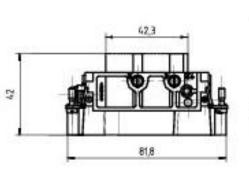
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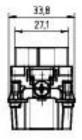
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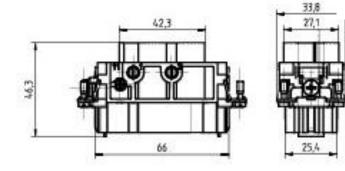


Technical Drawing

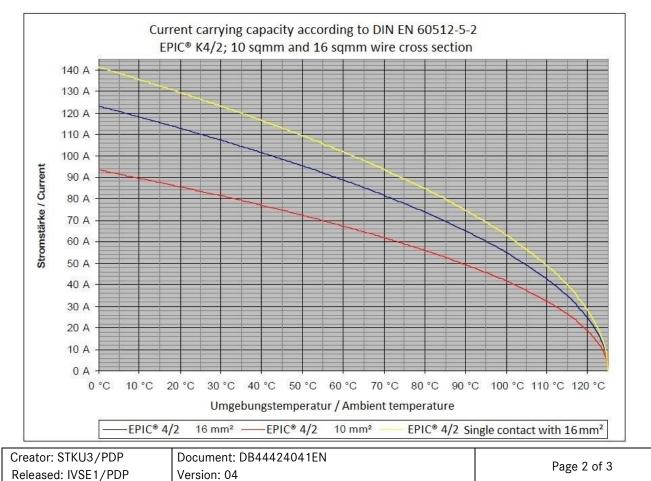








Derating curve



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Industrial machinery and plant engineering

Temperature-resistant

Wind Energy

Info Combination Insert Power

Application range

Mechanical engineering Renewable energy Control engineering

Remark

PE connection with a 16mm² wire only with the recommended ring lug 44424029. The inserts must be used with the appropriate housings. To connect stranded conductors, use a end sleeve.

Photographs are not to scale and do not represent detailed images of the respective products.

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