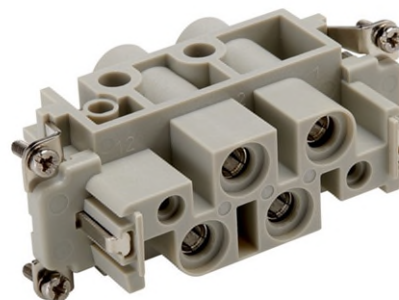


44424041	DATA SHEET	
Valid from: 04.11.2021	EPIC® POWER K 4/0	

Description

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



General Characteristics

Series	K 4
Version	Male/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

Mechanical Characteristics

Cycle of mechanical operation	500
-------------------------------	-----

Electrical Characteristics

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

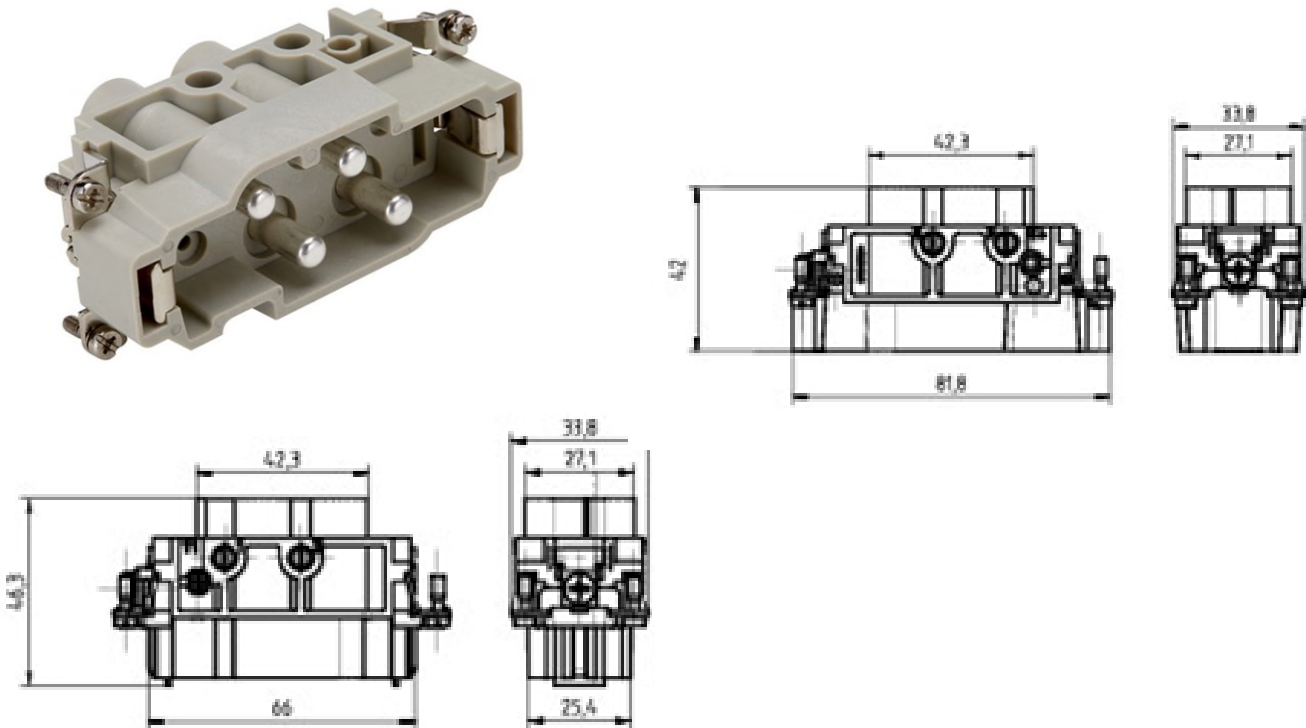
Materials and Surfaces

Insert	PC, polycarbonate
Flammability Class according to UL 94	V0
Contacts	CuZn
Contact plating	Ag (silver)

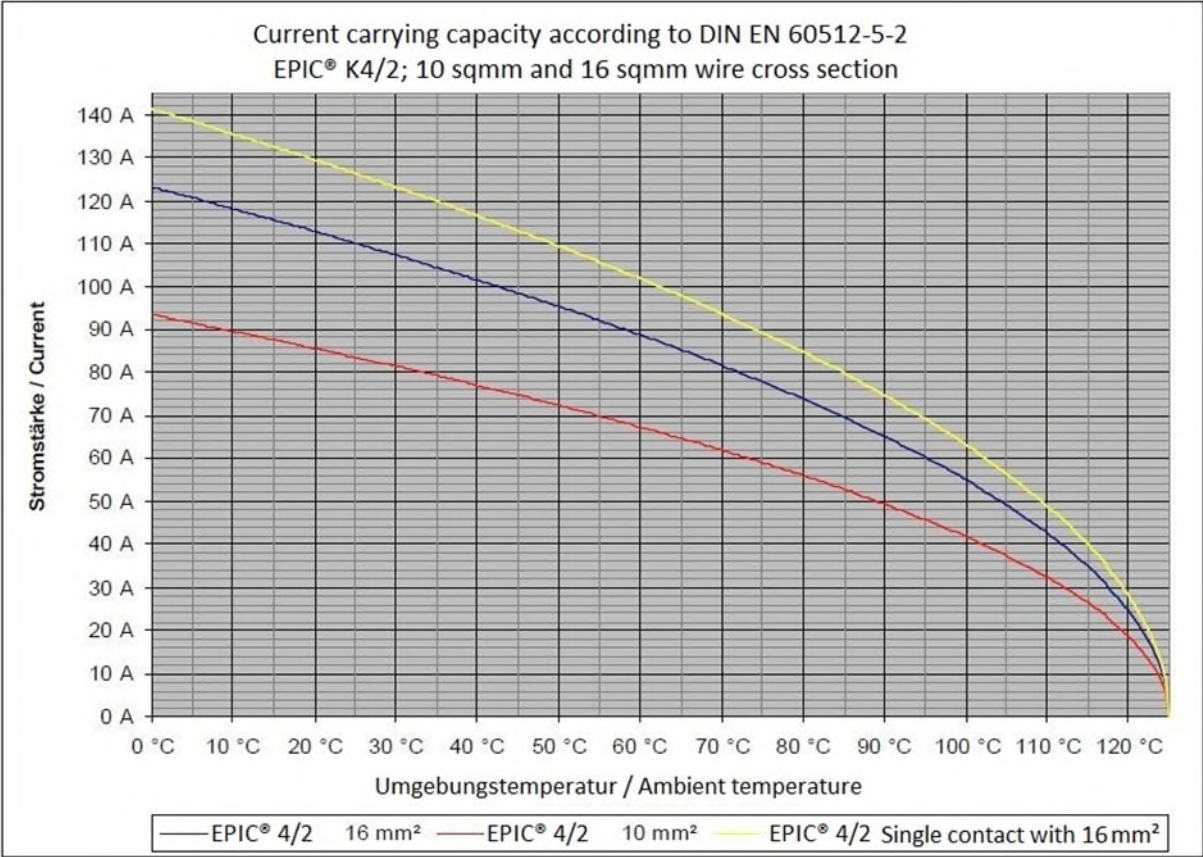
Creator: STKU3/PDP Released: DAMU1/PDP	Document: DB44424041EN Version: 03	Page 1 of 3
---	---------------------------------------	-------------

44424041	DATA SHEET	
Valid from: 04.11.2021	EPIC® POWER K 4/0	

Technical Drawing



Derating curve



Creator: STKU3/PDP Released: DAMU1/PDP	Document: DB44424041EN Version: 03	Page 2 of 3
---	---------------------------------------	-------------

44424041	DATA SHEET	
Valid from: 04.11.2021	EPIC® POWER K 4/0	



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.

Creator: STKU3/PDP Released: DAMU1/PDP	Document: DB44424041EN Version: 03	Page 3 of 3
---	---------------------------------------	-------------