



Mineral insulated (MI) cables require due to their special construction a special type of end contact sealing the cable. Due to the hygroscopic insulation material (MgO, Al2O3, SiO2) between current-carrying inner conductor and metallic sheath make it necessary to perform a excellent sealing of cable ends from the surrounding atmosphere.

For the contacting of the MI cable especially at high temperatures and in vacuum, metal-ceramic composite components have a big importance.

General handling:

Protect ceramic components from impact, shock and excessive mechanical stress! This can cause hairline cracks and thus lead to failure!

Typ KV

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|---|---------------------------------|
| 1,0 | KV-1,0 | 10,0 | | 550°C (short), 400°C (constant) |
| 1,5 | KV-1,5 | 12,5 | L= 40mm; | L L |
| 2,0 | KV-2,0 | 17,5 | L- 401111, &A- 21111, &D- 31111, &C- 011111 | |
| 2,5 | KV-2,5 | 24,0 | | B |
| 3,0 | KV-3,0 | 30,0 | L= 55mm; &A= 2mm; &B= 7mm; &C= 8mm | |
| 4,0 | KV-4,0 | 40,0 | L= 70mm; &A= 3mm; &B= 9mm; &C= 10mm | |
| 5,0 | KV-5,0 | 60,0 | L= 70mm; &A= 4mm; &B= 11mm; &C= 12mm | |

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General handling:

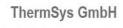
Protect ceramic components from impact, shock and excessive mechanical stress! This can cause hairline cracks and thus lead to failure!

Тур КР

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|-----------------------------------|---------------------------------|
| 1,5 | KP-1,5 | 12,5 | L= 32,5mm; A= M5; © B= 8mm | 550°C (short), 500°C (constant) |
| 2,0 | KP-2,0 | 17,5 | | 17,5mm |
| 2,5 | KP-2,5 | 24,0 | | B B A |
| 3,0 | KP-3,0 | 30,0 | | |

Typ KL

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|----------------------------|---------------------------------|
| 1,0 | KL-1,0 | 10,0 | L= 48mm; ∞A= 15mm; ∞B= 9mm | 550°C (short), 400°C (constant) |
| 1,5 | KL-1,5 | 15,0 | | 48cm |
| 2,0 | KL-2,0 | 20,0 | | |
| 2,5 | KL-2,5 | 24,0 | | |
| 3,0 | KL-3,0 | 30,0 | | |



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DB_E_10_Stromanschlüsse_metall_keramik



General handling:

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Typ KG

| Heater & [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|-----------------------------------|--|
| 1,0 | KG-1,0 | 10,0 | | 550°C (short), 400°C (constant) |
| 1,5 | KG-1,5 | 15,0 | | |
| 2,0 | KG-2,0 | 20,0 | L= 50mm; A= M4; ଵB= 7mm; ଵC= 8mm | Som B B C B C B C C B C C B C C B C C C C |
| 2,5 | KG-2,5 | 24,0 | | |
| 3,0 | KG-3,0 | 30,0 | | |
| 4,0 | KG-4,0 | 40,0 | L= 55mm; A= M6; &B= 9mm; &C= 10mm | 550°C (short), 400°C (constant |
| 5,0 | KG-5,0 | 60,0 | | B |

Typ KD

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|-------------------------------------|--------------------------------|
| 3,5 | KD-3,5 | 30,0 | L= 51mm; &A= 5mm; &B= 9mm; &C= 10mm | 550°C (short), 400°C (constant |
| 4,0 | KD-4,0 | 40,0 | | C B |
| 5,0 | KD-5,0 | 60,0 | | |

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General handling:

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Тур КМР

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|--------------------------------------|---------------------------------|
| 1,0 | KMP-1,0 | 10,0 | L= 26mm; &A= 2mm; &B= 3,6mm; &C= 2mm | 550°C (short), 500°C (constant) |

Тур КО-Си

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|-----------|---------------------------------|
| 1,0 | KO-Cu 1,0 | 10,0 | | 550°C (short), 400°C (constant) |
| 1,5 | KO-Cu 1,5 | 12,5 | L= 15mm; | |

Тур КВ2

| Heater & [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|-------------------|--|
| 1,0 | KB2-1,0 | 4,0 | L= 52mm; &A= 11mm | 550°C (short), 400°C (constant) |
| 1,5 | KB2-1,5 | 7,0 | | 42mm |
| 2,0 | KB2-2,0 | 10,0 | | 10mm |
| 2,5 | KB2-2,5 | 12,0 | | |
| 3,0 | KB2-3,0 | 15,0 | | |
| 4,0 | KB2-4,0 | 20,0 | | No. Contraction of the second se |
| 5,0 | KB2-5,0 | 24,0 | | |

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General handling:

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Typ KW2

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|---------------------------|---------------------------------|
| 1,0 | KW2-1,0 | 4,0 | L= 34mm; &A= 6mm; &B= 7mm | 550°C (short), 400°C (constant) |
| 1,5 | KW2-1,5 | 7,0 | | 26mm |
| 2,0 | KW2-2,0 | 10,0 | | A Bmm |
| 2,5 | KW2-2,5 | 12,0 | | |

Typ KW2-Cu

| Heater 🗞 [mm] | Order Code | max. current [A] at 20°C | Dimension | Design and working temperature |
|------------------|------------|-----------------------------|---------------------------|---------------------------------|
| 1,0 | KW2 Cu-1,0 | 4,0 | L= 28mm; &A= 6mm; &B= 7mm | 550°C (short), 400°C (constant) |
| 1,5 | KW2 Cu-1,5 | 7,0 | | 8mm B |
| 2,0 | KW2 Cu-2,0 | 10,0 | | A |
| 2,5 | KW2 Cu-2,5 | 12,0 | | |



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