



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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## 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>©</b> 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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## 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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# 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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# 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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