

HELUTHERM® 125-J/-O extra flexible, halogen-free, temperature resistant, meter marking



Technical data

- flexible and heat-resistant single core
- **Temperature range**
Flexing -50 °C to 125 °C
- **Nominal voltage**
U₀/U 600/1000 V
- **Test voltage** 4000 V
- **Minimum bending radius**
flexing approx. 7,5x cable ø
fixed installation approx. 3x cable ø

Cable structure

- Tinned copper, fine wire conductor, to DIN VDE 0295 Kl.5, BS6360 cl.5 and/or IEC60228 cl.5.
- 1st core insulation from special compound elastomer based, cross-linked, colour: black or green/yellow
- 2nd core insulation from compound elastomer based, cross-linked, colour: black
- meter marking

Properties

- Halogen-free
- uv-resistant
- Abrasion resistant
- Flexible at heat and low temperature
- The materials used in manufacture are silicon and cadmium-free and contain no substances harmful to the wetting properties of lacquers

Note

- G = with green-yellow earth core;
x = without green-yellow earth core (OZ).

Application

These halogen-free and temperature resistant single core are used for wiring up the heaters, electric machines (temperature class B), switching systems and distribution switchboards, production lines and machinery production. The excellence temperature resistant is the guarantee of a very long life cycle.

CE= roduct is conformed with the EC Low-Voltage Directive 2006/95/EG

HELUTHERM® 125-J

Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
65300	1 G 0,5	3,6	4,8	13,0	20
65301	1 G 0,75	3,8	7,2	16,0	18
65302	1 G 1	4,1	9,6	20,0	17
65303	1 G 1,5	4,6	14,4	27,0	16
65304	1 G 2,5	5,2	24,0	37,0	14
65305	1 G 4	5,7	38,0	52,0	12
65306	1 G 6	6,7	58,0	76,0	10
65307	1 G 10	8,1	96,0	121,0	8
65308	1 G 16	9,5	154,0	182,0	6
65309	1 G 25	11,2	240,0	267,0	4
65310	1 G 35	12,4	336,0	363,0	2
65311	1 G 50	14,2	480,0	526,0	1
65312	1 G 70	16,9	672,0	700,0	2/0
65313	1 G 95	18,6	912,0	1014,0	3/0

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Part no.	No. cores x cross-sec. mm ²	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	AWG-No.
65286	1 x 0,5	3,6	4,8	13,0	20
65287	1 x 0,75	3,8	7,2	16,0	18
65288	1 x 1	4,1	9,6	20,0	17
65289	1 x 1,5	4,6	14,4	27,0	16
65290	1 x 2,5	5,2	24,0	37,0	14
65291	1 x 4	5,7	38,0	52,0	12
65292	1 x 6	6,7	58,0	76,0	10
65293	1 x 10	8,1	96,0	121,0	8
65294	1 x 16	9,5	154,0	182,0	6
65295	1 x 25	11,2	240,0	267,0	4
65296	1 x 35	12,4	336,0	363,0	2
65297	1 x 50	14,2	480,0	526,0	1
65298	1 x 70	16,9	672,0	700,0	2/0
65299	1 x 95	18,6	912,0	1014,0	3/0

Dimensions and specifications may be changed without prior notice. (RN06)

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