MULTI-CONDUCTOR CABLES INSULATED IN TRANSPARENT FEP T180°C + PVC T90°C

MT--T 1994

MV--T 1994

C E

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Type of insulation:	**FEP + PVC**
Working temperature:	**T 90°C** for the sheath **T 180°C** for the cores
Type of conductor: Working voltage: In conformity to the requirements of the directives:	**TIN-PLATED COPPER** **300/300 V** **2014/35/EU**
Approval marks, of the cores:	**VDE REG. Nr.**

MT--T: version with parallel cores.
MV--T: version with twisted cores.

• Transparent sheath and cores.

Attention: in the three-pole cable the ground core is identified with a fiberglass strip in green and one in yellow positioned between the tin-plated copper conductor and the transparent FEP insulation . We suggest to indicate this peculiarity on the use instructions.
In the versions of cables with more than three cores, the identification of the cores is with coextruded lines of different colours (see table).
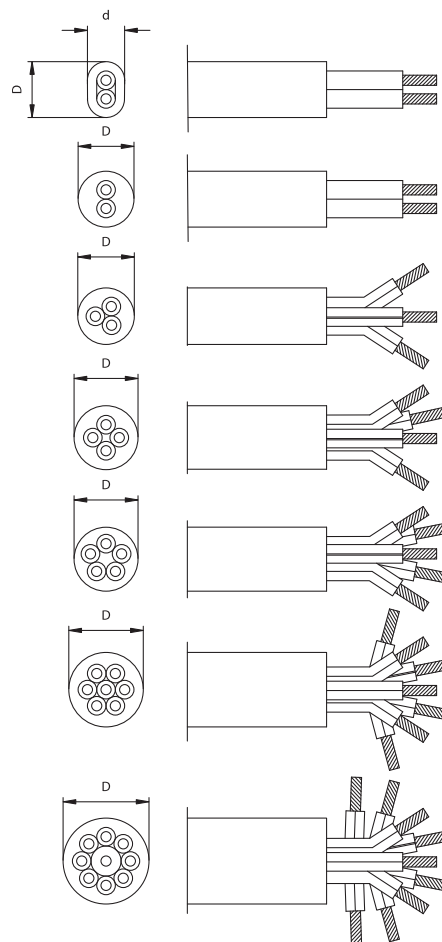
• VDE REG. Nr. approval printing on the cores.

Edition February 2024   **E - 9065**

• Sections and multiple table of the cores:

Code	Sections mm²	Conductor strand	Cores colours*	Cores position	Shape	Dimension ±0,2 mm
MTP7T	2 x 0,75	19 x 0,23	t t	P	flat	3,0 x 4,7
MT27T	2 x 0,75	19 x 0,23	t t	P	round	ø 4,7
MV37T	3 x 0,75	19 x 0,23	t t g	C	round	ø 5,1
MVT7T	3 x 0,75	19 x 0,23	t t b	C	round	ø 5,1
MT37T	3 x 0,75	19 x 0,23	t t g	P	round	ø 5,4
MV47T	4 x 0,75	19 x 0,23	l m b g	C	round	ø 6,0
MVQ7T	4 x 0,75	19 x 0,23	l m b r	C	round	ø 6,0
MT47T	4 x 0,75	19 x 0,23	l m b g	P	round	ø 6,1
MV57T	5 x 0,75	19 x 0,23	l m b r g	C	round	ø 6,3
MVC7T	5 x 0,75	19 x 0,23	l m b r n	C	round	ø 6,3
MV77T	7 x 0,75	19 x 0,23	l m b r n c g*	C	round	ø 6,8
MV97T	9 x 0,75	19 x 0,23	l m b r n c p t g*	C	round	ø 7,8
MT21T	2 x 1,00	19 x 0,26	t t	P	round	ø 5,2
MV31T	3 x 1,00	19 x 0,26	t t g	C	round	ø 5,3
MT25T	2 x 1,50	19 x 0,32	t t	P	round	ø 5,8
MV35T	3 x 1,50	19 x 0,32	t t g	C	round	ø 6,1
MV55T	5 x 1,50	19 x 0,32	l m b n g	C	round	ø 8,0
MV75T	7 x 1,50	19 x 0,32	l m b r n c g*	C	round	ø 9,0
MV95T	9 x 1,50	19 x 0,32	l m b r n c p t g*	C	round	ø 10,6
MT22T	2 x 2,50	37 x 0,287	t t	P	round	ø 6,9

• Other sections and multiple on request.

*   Table of the lines colours to identify the cores:
    l = blue   m = brown   p = purple
    n = black   e = grey   r = red
    b = white   c = orange
    t = transparent, without line   g = yellow green
                                      g* = yellow/green, full

*   Cores position table:
    P = parallel
    C = twisted