

0.6/1kV RFOU MULTI CORE [P1], [P1/P8]

- Control circuit below 1kV, Control circuits for motor starter, electrical control system, interconnecting.
- Fixed installation power, control & lighting both explosion risk and safe areas, general purposes.
- Maximum operating conductor temperature 90 ° C

Construction Details

- Conductor : Circular tinned stranded copper as per IEC 60228, Class 2
- Insulation : Halogen Free Ethylene Propylene Rubber
- Cabling (with filler)
- Inner covering : Halogen free thermosetting compound
- Armour : Copper wire braid
- Outer sheath : Halogen - free thermosetting compound, SHF2 or SHF

Mud

Standard Applied

- Design guideline : NEK 606 - 2009 & IEC 60092 - 353
- Material
- Insulation : HF - EPR as per IEC 60092 - 351
- Sheath : SHF2 as per IEC 60092 - 359
- Flame retardant : IEC 60332 - 3 - 22, Cat.A
- Halogen free properties : IEC 60754 - 1,2
- Low smoke properties : IEC 61034 - 1,2
- Mud resistant : NEK 606 - 2009
- Cold properties : CSA C22.2
- Sunlight resistance : UL 1581

Identification of color

- Insulation : Numbering on White core
Note) Any other colors purchaser required
- Outer sheath : Black
Note) Any other colors purchaser required

Type approval

- ABS, BV, DNV, LR



IEC 60092 - 351;
IEC 60092 - 353; IEC 60092 - 359;
IEC 60332 - 3 Cat.A;
IEC 60754 - 1; IEC 61034;
IEC 61034 - 2
NEK 606

1.0 mm

Uo/U (Um)

0.6/ 1 (1.2) kV



Uo/U (Um)
0.6/ 1 (1.2) kV

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Product list

Nb. of cores	[mm ²]	Inner sheath thick [mm]	Diam. over inner sheath [mm]	Diam. over armour [mm]	[mm]	Nom. outer diam. [mm]	([kg/km])
5	1	1.0	11.3	12.9	1.3	15.7	380
5	1.5	1.0	12.1	13.7	1.3	16.5	430
5	2.5	1.0	13.1	14.7	1.4	17.7	515
6	1	1.0	12.3	13.9	1.4	16.9	440
6	1.5	1.0	13.2	14.8	1.4	17.8	495
6	2.5	1.0	14.4	16.0	1.4	19.0	590
7	1	1.0	12.3	13.9	1.4	16.9	445
7	1.5	1.0	13.2	14.8	1.4	17.8	505
7	2.5	1.0	14.4	16.0	1.4	19.0	610
8	1	1.0	14.4	16.0	1.4	19.0	555
8	1.5	1.0	15.5	17.1	1.5	20.3	645
8	2.5	1.0	17	18.6	1.5	21.8	775
9	1	1.0	15.5	17.1	1.5	20.3	565
9	1.5	1.0	16.7	18.3	1.5	21.5	645
9	2.5	1.0	18.3	19.9	1.6	23.3	785
10	1	1.0	15.8	17.4	1.5	20.6	615
10	1.5	1.0	17	18.6	1.5	21.8	705
10	2.5	1.0	18.6	20.2	1.6	23.6	865
12	1	1.0	16.3	17.9	1.5	21.1	665
12	1.5	1.0	17.6	19.2	1.6	22.6	780
12	2.5	1.0	19.3	20.9	1.6	24.3	955
14	1	1.0	17.2	18.8	1.6	22.2	740
14	1.5	1.0	18.6	20.2	1.6	23.6	860
14	2.5	1.0	20.3	21.9	1.7	25.5	1070
16	1	1.0	18.3	19.9	1.6	23.3	795
16	1.5	1.0	19.7	21.3	1.7	24.9	940
16	2.5	1.0	21.5	23.1	1.7	26.7	1155
19	1	1.0	19.3	20.9	1.6	24.3	875
19	1.5	1.0	20.8	22.4	1.7	26.0	1040
19	2.5	1.0	22.8	24.4	1.8	28.2	1300
20	1	1.0	20.4	22.0	1.7	25.6	965
20	1.5	1.0	22	23.6	1.7	27.2	1130
20	2.5	1.0	24.1	25.7	1.8	29.5	1410
23	1	1.0	22.1	23.7	1.7	27.3	1085
23	1.5	1.0	23.9	25.5	1.8	29.3	1285
23	2.5	1.0	26.2	27.8	1.9	31.8	1610
24	1	1.0	22.8	24.4	1.8	28.2	1110
24	1.5	1.0	24.6	26.2	1.8	30.0	1305



U_o/U (U_m)
0.6/ 1 (1.2) kV

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24	2.5	1.2	27.4	29.0	2.0	33.2	1690
27	1	1.0	23.3	24.9	1.8	28.7	1185
27	1.5	1.0	25.2	26.8	1.9	30.8	1410
27	2.5	1.2	28.1	29.7	2.0	33.9	1820
30	1	1.0	24.2	25.8	1.8	29.6	1270
30	1.5	1.0	26.2	27.8	1.9	31.8	1520
30	2.5	1.2	29.1	30.7	2.0	34.9	1960
33	1	1.0	25.3	26.9	1.9	30.9	1365
33	1.5	1.2	27.7	29.3	2.0	33.5	1670
33	2.5	1.2	30.3	32.3	2.1	36.7	2190
37	1	1.0	26.3	27.9	1.9	31.9	1465
37	1.5	1.2	28.8	30.4	2.0	34.6	1795
37	2.5	1.2	31.6	33.6	2.1	38.0	2370
44	1	1.2	30.2	32.2	2.1	36.6	1855
44	1.5	1.2	32.6	34.6	2.2	39.2	2210
44	2.5	1.2	35.8	37.8	2.3	42.6	2795



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