연락처

: 82 2 2140-3060
Soon-min.chang@nexans.com

0.6/1kV RFOU 1C,2C,3C,4C [P1], [P1/P8]

- Power circuit below 1kV, Lighting circuits, Trace heating circuits.
- Fixed installation power, control & lighting both explosion risk and safe areas, general purposes.
- Maximum operating conductor temperature 90 ° C

제품설명

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
  1C : Grey
  2C : Grey, Black
  3C : Grey, Black, Red
  3G : Grey, Black, Green/Yellow stripe
  4C : Grey, Black, Red, Blue
  4G : Grey, Black, Red, Green/Yellow stripe
  Note) Any other colors is applicable in accordance with the CENELEC Harmonization Document HD 308 S2
- Outer sheath : Black
  Note) Any other colors purchaser required

Type approval
- ABS, BV, DNV, LR

Kukdong
a Nexans company

규격

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

국적 NEK 606

특징

전기적 특성	
정격전압 Uo/U (Um)	0.6/ 1 (1.2) kV

정격전압 Uo/U (Um)
0.6/ 1 (1.2) kV

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Product list

Nb. of cores	도체 단면적 [mm ²]	절연평균두께 [mm]	Inner sheath thick [mm]	Diam. over inner sheath [mm]	Diam. over armour [mm]	시스 평균두께 [mm]	Nom. outer diam. [mm]	무게(근사치) [kg/km]
1	1	1.0	1.0	5.1	6.2	1.0	8.4	120
1	1.5	1.0	1.0	5.4	6.5	1.1	8.9	135
1	2.5	1.0	1.0	5.8	6.9	1.1	9.3	150
1	4	1.0	1.0	6.4	7.5	1.1	9.9	180
1	6	1.0	1.0	6.9	8.0	1.1	10.4	205
1	10	1.0	1.0	7.9	9.0	1.2	11.6	270
1	16	1.0	1.0	8.9	10.0	1.2	12.6	350
1	25	1.2	1.0	10.7	12.3	1.3	15.1	535
1	35	1.2	1.0	11.9	13.5	1.3	16.3	655
1	50	1.4	1.0	13.6	15.2	1.4	18.2	825
1	70	1.4	1.0	15.5	17.1	1.5	20.3	1080
1	95	1.6	1.0	17.8	19.4	1.6	22.8	1410
1	120	1.6	1.0	19.4	21.0	1.6	24.4	1685
1	150	1.8	1.0	21.4	23.0	1.7	26.6	2020
1	185	2.0	1.0	23.6	25.2	1.8	29.0	2455
1	240	2.2	1.2	27.1	28.7	1.9	32.7	3155
1	300	2.4	1.2	29.9	31.5	2.1	35.9	3865
2	1	1.0	1.0	8.6	9.7	1.2	12.3	245
2	1.5	1.0	1.0	9.2	10.3	1.2	12.9	270
2	2.5	1.0	1.0	10	11.1	1.2	13.7	320
2	4	1.0	1.0	11.2	12.8	1.3	15.6	440
2	6	1.0	1.0	12.2	13.8	1.4	16.8	525
2	10	1.0	1.0	14.2	15.8	1.4	18.8	685
2	16	1.0	1.0	16.2	17.8	1.5	21.0	895
2	25	1.2	1.0	19.8	21.4	1.7	25.0	1295
2	35	1.2	1.0	22.2	23.8	1.8	27.6	1630
2	50	1.4	1.0	25.6	27.2	1.9	31.2	2085
2	70	1.4	1.2	29.8	31.4	2.1	35.8	2795
2	95	1.6	1.2	34.4	36.4	2.3	41.2	3780
2	120	1.6	1.4	37.8	39.8	2.4	44.8	4560
2	150	1.8	1.4	41.8	43.8	2.6	49.2	5500
2	185	2.0	1.4	46.2	48.2	2.7	53.8	6675
2	240	2.2	1.6	52.8	54.8	3.0	61.0	8605
2	300	2.4	1.6	58.4	60.4	3.2	67.0	10510
3	1	1.0	1.0	9.1	10.2	1.2	12.7	280
3	1.5	1.0	1.0	9.8	10.9	1.2	13.4	320
3	2.5	1.0	1.0	10.7	12.3	1.3	15.0	420
3	4	1.0	1.0	11.9	13.5	1.3	16.2	510
3	6	1.0	1.0	13	14.6	1.4	17.5	610
3	10	1.0	1.0	15.2	16.8	1.5	19.9	830
3	16	1.0	1.0	17.3	18.9	1.6	22.2	1100
3	25	1.2	1.0	21	22.8	1.7	26.1	1560
3	35	1.2	1.0	24	25.4	1.8	29.3	2000
3	50	1.4	1.2	27.8	29.5	2.0	33.5	2620
3	70	1.4	1.2	31.9	34.0	2.2	38.4	3580
3	95	1.6	1.2	36.8	38.9	2.3	43.5	4700

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Nb. of cores	도체 단면적 [mm ²]	절연평균두께 [mm]	Inner sheath thick [mm]	Diam. over inner sheath [mm]	Diam. over armour [mm]	시스 평균두께 [mm]	Nom. outer diam. [mm]	무게(근사치) [kg/km]
3	120	1.6	1.4	40.6	42.6	2.5	47.7	5750
3	150	1.8	1.4	44.9	46.9	2.7	52.4	6960
3	185	2.0	1.6	50	52.0	2.9	57.9	8560
3	240	2.2	1.6	56.7	58.7	3.1	65.0	10940
3	300	2.4	1.8	63	64.9	3.4	71.9	13490
4	1	1.0	1.0	10	11.1	1.2	13.6	320
4	1.5	1.0	1.0	10.8	12.4	1.3	15.1	410
4	2.5	1.0	1.0	11.7	13.3	1.3	16.0	480
4	4	1.0	1.0	13.2	14.8	1.4	17.7	610
4	6	1.0	1.0	14.4	16.0	1.4	18.9	730
4	10	1.0	1.0	16.8	18.4	1.5	21.5	990
4	16	1.0	1.0	19.2	20.8	1.6	24.1	1330
4	25	1.2	1.0	23.3	25.2	1.8	28.6	1920
4	35	1.2	1.2	27	28.1	1.9	32.5	2500
4	50	1.4	1.2	30.9	33.0	2.1	37.2	3340
4	70	1.4	1.2	35.5	37.6	2.3	42.2	4440
4	95	1.6	1.4	41.3	43.3	2.5	48.4	5930
4	120	1.6	1.4	45.2	47.2	2.7	52.7	7210
4	150	1.8	1.6	50.4	52.4	2.9	58.3	8800
4	185	2.0	1.6	55.7	57.7	3.1	64.0	10760
4	240	2.2	1.8	63.5	65.4	3.4	72.4	13890
4	300	2.4	1.8	70.2	72.2	3.7	79.8	17405