



Design and Construction IEC 60092-353
 Operating Temperature 90° C (see page 5)
 Nominal Voltage U₀/U..... 0.6/1 kV
 Flame Retardancy IEC 60332-1 IEC 60332-3-22
 Corrosivity..... IEC 60754-1 IEC 60754-2
 Smoke Density IEC 61034-2
 MUD Resistance NEK 606

On request:
 Cold Bend and impact (-40° C) CSA C22.2 No 38-95

CONSTRUCTION DATA

- 1** CONDUCTORTinned stranded compacted copper IEC 60228 class 2
- 2** INSULATION.....Halogen free EPR compound
 SEPARATOR (if necessary)Halogen free tape
- 3** BEDDINGHalogen free compound
- 4** ARMOUR.....Tinned copper wire braid according to IEC 60092-352
- 5** OUTER SHEATH.....SHF2 MUD thermoset dual compound halogen free & MUD resistant

Sheath Color.....Black

SHEATH MARKING

RFOU P1/P8 0,6/1 kV n x s / braid mm²
 NEK 606 IEC 60332-3-22 QA ref Metric marking

NOMINAL DIMENSIONAL & ELECTRICAL DATA

0.6/1 kV

Construction (mm ²)	EUT-01A-	Insulation Thickness (mm)	Under Armour Diameter (mm)	Outer Sheath Thickness (mm)	Overall Diameter (approx) (mm)	Weight (approx) (kg/km)	Bending Radius (mm)	Conductor Resistance at 20°C (Ω/km)	Current Rating at 45° C (A)	Short Circuit Rating (kA)
1x16	01C016-Z	1.0	9.4	1.2	13	345	60	1.160	98	2.33
1x25	01C025-Z	1.2	11.0	1.5	15.5	520	70	0.735	127	3.65
1x35	01C035-Z	1.2	12.1	1.6	17	650	80	0.530	162	5.11
1x50	01C050-Z	1.4	13.5	1.6	18.5	830	85	0.391	214	7.30
1x70	01C070-Z	1.6	16.0	1.7	21	1100	95	0.270	266	10.20
1x95	01C095-Z	1.6	17.1	1.8	22.5	1370	100	.195	307	13.90
1x120	01C120-Z	1.6	18.6	1.9	24	1650	110	0.154	359	17.50
1x150	01C150-Z	1.8	20.3	2.0	26	2010	115	0.126	406	21.90
1x185	01C185-Z	2.0	22.4	2.1	28.5	2420	120	0.100	493	27.00
1x240	01C240-Z	2.2	25.5	2.2	31.5	3070	140	0.076	556	35.00
1x300	01C300-Z	2.4	28.5	2.3	34.5	3740	155	0.061	672	43.80

2x1.5/4	02C1.5-Z	1.0	9.5	1.5	13.5	275	60	12.200	17	0.21
2x2.5/7	02C2.5-Z	1.0	10.3	1.5	15	350	65	7.560	24	0.35
2x4/7	02C004-Z	1.0	11.4	1.5	16	418	75	4.700	40	0.58
2x6/8	02C006-Z	1.0	12.5	1.6	17.5	505	80	3.110	49	0.87
2x10/10	02C010-Z	1.0	13.7	1.6	18.5	625	85	1.840	61	1.46
2x16/16	02C016-Z	1.0	16.3	1.8	22	890	100	1.160	81	2.33

3x1.5/5	03C1.5-Z	1.0	10.1	1.5	14.5	335	65	12.200	15	0.21
3x2.5/7	03C2.5-Z	1.0	11.0	1.5	15.5	395	70	7.560	22	0.36
3x4/7	03C004-Z	1.0	12.1	1.5	17	475	75	4.7	27	0.58
3x6/8	03C006-Z	1.0	13.4	1.6	18	585	80	3.110	37	0.87
3x10/10	03C010-Z	1.0	14.6	1.6	19.5	745	90	1.840	56	1.46
3x16/16	03C016-Z	1.0	17.4	1.8	23	1070	105	1.160	69	2.33
3x25/16	03C025-Z	1.2	21.0	1.8	26.5	1505	120	.0735	100	3.65
3x35/16	03C035-Z	1.2	23.4	2.0	29.5	1925	135	0.530	120	5.11
3x50/25	03C050-Z	1.4	26.6	2.2	33	2565	150	0.391	140	7.30
3x70/35	03C070-Z	1.6	32.0	2.4	39.5	3515	180	0.270	179	10.20
3x95/50	03C095-Z	1.6	34.5	2.6	42.5	4520	190	0.195	214	13.90
3x120/60	03C120-Z	1.6	37.9	2.8	46.5	5565	210	0.154	243	17.50
3x150/75	03C150-Z	1.8	46.7	2.8	55	7380	250	0.126	307	21.90
3x185/95	03C185-Z	2.0	51.8	3.0	60	9075	270	0.100	348	27.00
3x240/120	03C240-Z	2.2	53.1	3.2	65	11375	295	0.076	394	33.80

NOMINAL DIMENSIONAL & ELECTRICAL DATA

0.6/1 kV

Construction (mm ²)	EUT-01A-	Insulation Thickness (mm)	Under Armour Diameter (mm)	Outer Sheath Thickness (mm)	Overall Diameter (approx) (mm)	Weight (approx) (kg/km)	Bending Radius (mm)	Conductor Resistance at 20°C (Ω/km)	Current Rating at 45°C (A)	Short Circuit Rating (kA)
4x1.5/6	04C1.5-Z	1.0	11.0	1.5	15.5	385	70	12.200	15	0.21
4x2.5/7	04C2.5-Z	1.0	12.0	1.5	16.5	455	75	7.560	22	0.36
4x4/8	04C004-Z	1.0	13.3	1.5	18	560	80	4.700	27	0.58
4x6/8	04C006-Z	1.0	14.6	1.6	19.5	690	90	3.110	37	0.87
4x10/10	04C010-Z	1.0	16.0	1.6	21	890	95	1.840	56	1.46
4x16/16	04C016-Z	1.0	19.1	1.8	24.5	1295	110	1.160	69	2.33
4x25/16	04C025-Z	1.2	23.1	1.8	28.5	1840	130	0.735	100	3.65
4x35/16	04C035-Z	1.2	25.8	2.0	32	2365	145	0.530	120	5.11
4x50/25	04C050-Z	1.4	29.4	2.2	37.5	3335	170	0.391	140	7.30
4x70/35	04C070-Z	1.6	35.4	2.4	42.5	4430	190	0.270	179	10.20
4x95/50	04C095-Z	1.6	38.1	2.6	46	5630	210	0.195	214	13.90
4x120/60	04C120-Z	1.6	42.0	2.8	50.5	6940	230	0.154	243	17.50

7x1.5/8	07C1.5-Z	1.0	13.1	1.5	17.5	510	80	12.200	9	0.20
12x1.5/10	12C1.5-Z	1.0	17.5	1.7	22.5	815	100	12.200	8	0.20
19x1.5/10	19C1.5-Z	1.0	20.4	1.8	25.5	1095	115	12.200	8	0.20
27x1.5/11	27C1.5-Z	1.0	24.8	2.0	30.5	1525	140	12.200	7	0.20
37x1.5/13	37C1.5-Z	1.0	28.0	2.2	34	1930	155	12.20	7	0.20

7x2.5/8	07C2.5-Z	1.0	14.5	1.5	19.2	630	85	7.560	15	0.36
12x2.5/11	12C2.5-Z	1.0	19.2	1.7	24.5	1390	110	7.560	10/2	0.36
19x2.5/11	19C2.5-Z	1.0	22.7	1.8	28	1390	125	7.560	10	0.36
27x2.5/16	27C2.5-Z	1.0	27.5	2.0	33.5	1985	150	7.560	8	0.36
37x2.5/16	37C2.5-Z	1.0	31.1	2.2	39.5	2700	180	7.560	8	0.36