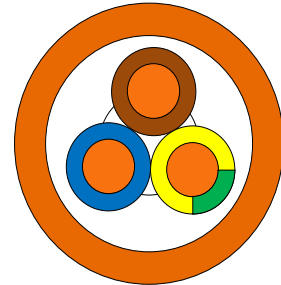


FIRE RESISTANT POWER CABLES
ERVITAL (N)HXH-J FE180 / E30
(HD 604 S1)
0,6/1 kV

APPLICATION

- As Power and Control Cable;
- Machine and Equipments That are Required to Continue its Function During a Fire (Emergency Elevators, Fire Water Pumps e.g.)
- Ventilation Systems Which are Connected to Fire Alarm System
- In Emergency Lighting at Fire Escape Exits
- Emergency Power Supplies
- In Places Where Human Life and Valuable Materials and Equipment Need to Be Protected



Fire Resistant/ Flame Retardant Characteristics/ Low Smoke Emission/ Without Poisonous And Corrosive Gases

Circuit integrity for minimum 180 minutes (FE180)/ Circuit Integrity With Shock (PH120)/ Cable System Circuit Integrity (E30)

TECHNICAL CHARACTERISTICS

- | | |
|--|---|
| 1 - Conductor | : IEC 60228/ DIN EN 60228/ EN 60228 Class 1 Electrolytic Solid Copper |
| 2 - Insulation | : Cross-Linked Special Polymer Compound |
| 3 - Insulation Colour | : VDE 0293; HD 308 S2 |
| 4 - Stranding | : In Layers Of Optimum Pitch |
| 5 - Inner Sheath | : HFFR Filling Compound |
| 6 - Outer Sheath | : HFFR Compound |
| 7 - Outer Sheath Colour | : RAL 2003 Orange |
| 8 - Min.Bending Radius | : 12 x D |
| 9 - Operating Voltage | : 0,6 /1 kV |
| 10 - Test Voltage | : 4000 V |
| 11 - Temperature Range | : -40°C ~+90°C (Fixed Laying) |
| 12 - Flame Retardant Test | : IEC 60332-1-2, DIN EN 60332-1-2, BS EN 60332-1-2, EN 60332-1-2 |
| 13 - Flame Propagation Test (CAT C) | : IEC 60332-3-24, DIN EN 60332-3-24, BS EN 60332-3-24, EN 60332-3-24 |
| 14 - Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, EN 61034-2 |
| 15 - Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-1-2, EN 60754-2 |
| 16 - Halogen Free Test | : IEC 60754-1, VDE 0482-754-2, EN 60754-2 |
| 17 - Circuit Integrity Test (FE180) | : IEC 60331-21 |
| 18 - Circuit Integrity With Shock Test (PH120) | : EN 50200, VDE 0482-200, BS EN 50200 |
| 19 - Cable System Circuit Integrity Test (E30) | : DIN 4102-12 |
| 20 - Cable Marking | : ERSE KABLO [CABLE DESCRIPTION] [CABLE CONSTRUCTION] [OPERATING VOLTAGE] [METER MARK][PRODUCTION ORDER NUMBER] CE RoHS |

Cross Section (mm ²)	Overall Diameter (mm)	Conductor Resistance (Ω/km)	Current Load (A)	Approx. Weight (kg/km)	Product Code	SAP
2x1,5	8,2±1,0	13,3	20	106	36811502601	CEU438
3G1,5	9,0±1,0			139	36811503602	CEU445
4G1,5	9,7±1,0			183	36811504601	CEU428
5G1,5	10,3±1,5			198	36811505601	CEU431
2x2,5	9,6±1,5	7,98	25	165	36812502601	CEU440
3G2,5	10,1±1,5			185	36812503601	CEU441
4G2,5	11,1±1,5			228	36812504601	CEU429
5G2,5	12,2±1,5			282	36812505601	CEU430
5G4	13,8±1,5	4,95	34	380	36814005601	CEU435
5G6	15,6±1,5	3,30	44	526	36816005601	CEU436
5G10	19,2±1,5	1,91	61	851	36811005601	CEU439
5G16	23,8±2,0	1,21	82	1266	36811605601	CEU437