

SIENOPYR Plus E30 (N)HXCH FE180 0,6/1 kV



Application

Suitable for fixed installation indoors, in tubes, ducts or cement. Fulfills specifications for fire safety and full functionality during and after a fire. If installed outdoors the cable must be protected from UV radiation (sun light).
Must be installed acc. to S.B.

Standard

DIN VDE 0266
0276-604 og DIN 4102-12
DIN EN 50266-1 & -2-4
IEC 60332-1-3

IEC 60331
DIN 4102-12
IEC 60754-1-2
HD 60364-5-52

Power cables with improved characteristics in the case of fire
Test for fire integrity and fire resistance
Test for vertical flame spread of vertically-mounted bunched wires or cables
Test on electric and optical fibre cables under fire conditions. Part 1-3 Test for vertical flame propagation for a single insulated wire or cable – Procedure for determination of flaming droplets/particles
Functional integrity and fire resistance of electric cables
Fire behavior
Acidity in flue gases from cables
Selection and erection of electrical equipment. Wiring systems.

Construction

Cable Shape	Round
Conductors	Single and multi-core copper, round Acc. to EN IEC60228 class 1 and 2
Conductor Insulation	Silicone and H-EPR
Filler	Extruded halogen free compound
Marking of cores	2-core: Blue, brown 3-core: Brown, black, grey 4-core: Blue, brown, black grey >5-core: Black with white numbering
Shield / Screen	CU-wire with helix of CU-tape
Outer Sheath	Halogen-free compound Orange and meter marked

Temperature

Maximum operating Temperature	90°C
Temperatures at installation [°C]	-5°C

Features

UV resistance	No
Bending radius	12xD
REACH/SVHC declaration	Meet the demand for REACH
RoHS declaration	Meet the demand for RoHS

Electrical

Max. short circuit temperature [°C]	250°C
Test Voltage [kV]	4

Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	EAN/GTIN number	Max current load in air [A]
2x1,5/1,5	11	145	500	T500	4250248100994	24
2x2,5/2,5	12	215	500	T500	4250248100895	33
3x15/1,5	12	195	500	T500	4250248100819	22
3x2,5/2,5	13	245	500	T500	4250248100826	30
3x4/4	14	320	500	T500	4250248100871	40
3x6/6	16	410	500	T500	4250248101007	52
3x16/16	20	930	500	T500	4250248101014	96
3x25/16	24	1350	500	T500	4250248101021	119
3x240/120	59	10035	500	T500	4250248100949	500
4x1,5/1,5	14	225	500	T500	4250248100888	22
4x2,5/2,5	14	290	500	T500	4250248100901	30
4x4/4	15	385	500	T500	4250248100833	40
4x6/6	17	500	500	T500	4250248100848	52
4x10/10	19	750	500	T500	4250248100857	71
4x16/16	22	1100	500	T500	4250248100864	96
4x25/16	27	1630	500	T500	4250248100796	119
4x35/16	30	2070	500	T500	4250248100710	147
4x50/25	34	2730	500	T500	4250248100598	179
4x70/35	39	3810	500	T500	4250248100727	229
4x95/50	43	5100	500	T500	4250248100734	278
4x120/70	47	6420	500	T500	4250248100604	322
4x150/70	53	7800	500	T500	4250248100802	371
4x185/95	59	9630	500	T500	4250248100918	424
4x240/120	65	12540	500	T500	4250248100932	500
7x2,5/2,5	18	490	500	T500	4250248100925	30
10x1,5/2,5	20	510	500	T500	4250248100956	22
12x2,5/4	22	755	500	T500	4250248100970	30
24x1,5/6	26	940	500	T500	4250248100987	22