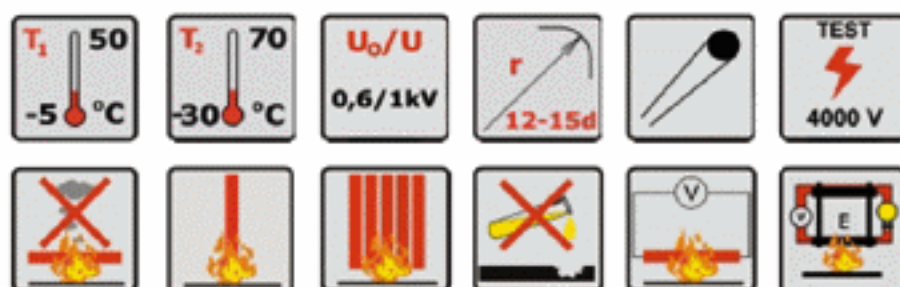




VDE 0472-804
IEC 60332-3
VDE 0472-815
VDE 0472-816
IEC 1034-1
VDE 0472-813
VDE 0472-814
IEC 60331
DIN 4102-12
DIN VDE 0266-3

Základné vlastnosti kábla Basic characteristics of the cable



Konštrukcia kábla Construction of the cable

- Medený vodič VDE 0276-24
Copper conductor VDE 0276-24
- Sklosľudová páska
Glass-mica insulation tape
- Izolácia z bezhalogénovej oheň nešíriacej zmesi (HXI1) - VDE 0266
Insulation from halogen free flame retardant compound (HXI1) - VDE 0266
- Výplňová vrstva z bezhalogénovej oheň nešíriacej zmesi sklo-textilná ohň odolná páska
Filling layer from halogen free flame retard compound + glass-textile flame retardant tape
- Koncentrický medený vodič
Concentric copper conductor
- Plášť z bezhalogénovej oheň nešíriacej zmesi (HM4) - VDE 0276-604
- oranžový
Sheath from halogen free flame retardant compound (HM4) - VDE 0276-604
- orange
- Farebné značenie VDE 0293
Color code VDE 0293



Použitie kábla Application of the cable



ELKOND
HHK
fabrika káblov

NHXCH FE 180/E30

Technické údaje:

Technical parameters:

Farebné značenie je obsahom prílohy

Color code is a content of appendix

Hmotnosti Cu, nominálne hrúbky izolácie, výplne a plášťa, informatívne priemery a hmotnosti káblov, záťaž pri horeni
Weights of copper, nominal thickness of insulation, of filling layer and of sheath, diameters and weights of cables, ballast in burning

p [n x mm ²] t _j	c [kg/km]	d [mm]	m [kg/km]	q [kWh/m]
NHXCH 2 x 1,5 RE/1,5 FE180/E30	52	15	240	0.72
NHXCH 2 x 2,5 RE/2,5 FE180/E30	80	15	290	0.81
NHXCH 2 x 4,0 RE/4,0 FE180/E30	123	16	360	0.92
NHXCH 2 x 6,0 RE/6,0 FE180/E30	182	18	460	1.03
NHXCH 2 x 10 RE/10 FE180/E30	312	20	640	1.22
NHXCH 2 x 16 RE/16 FE180/E30	489	22	900	1.45
NHXCH 3 x 1,5 RE/1,5 FE180/E30	66	15	260	0.78
NHXCH 3 x 2,5 RE/2,5 FE180/E30	104	16	330	0.89
NHXCH 3 x 4,0 RE/4,0 FE180/E30	161	17	420	1
NHXCH 3 x 6,0 RE/6,0 FE180/E30	240	19	540	1.11
NHXCH 3 x 10 RE/10 FE180/E30	408	21	760	1.33
NHXCH 3 x 16 RE/16 FE180/E30	643	23	1100	1.58
NHXCH 3 x 25 RM/25 FE180/E30	1003	28	1650	2.31
NHXCH 3 x 35 RM/35 FE180/E30	1402	30	2200	2.61
NHXCH 3 x 50 RM/50 FE180/E30	2000	34	2900	3.33
NHXCH 3 x 70 RM/70 FE180/E30	2796	39	4000	4.11
NHXCH 3 x 95 RM/95 FE180/E30	3791	44	5300	5.33
NHXCH 3 x 120RM/120 FE180/E30	4786	48	6500	6.11
NHXCH 3 x 25 RM/16 FE180/E30	902	28	1550	2.31
NHXCH 3 x 35 RM/16 FE180/E30	1190	30	1950	2.61
NHXCH 3 x 50 RM/25 FE180/E30	1723	34	2700	3.33
NHXCH 3 x 70 RM/35 FE180/E30	2410	38	3600	4.11
NHXCH 3 x 95 RM/50 FE180/E30	3296	44	4800	5.33
NHXCH 3 x 120 RM/70 FE180/E30	4236	47	6000	6.11
NHXCH 3 x 150 RM/70 FE180/E30	5100	52	7300	7.5
NHXCH 4 x 1,5 RE/1,5 FE180/E30	81	17	310	0.89
NHXCH 4 x 2,5 RE/2,5 FE180/E30	128	18	380	1.03
NHXCH 4 x 4,0 RE/4,0 FE180/E30	200	20	500	1.17
NHXCH 4 x 6,0 RE/6,0 FE180/E30	297	21	640	1.31
NHXCH 4 x 10 RE/10 FE180/E30	504	23	900	1.53
NHXCH 4 x 16 RE/16 FE180/E30	796	26	1300	1.89
NHXCH 4 x 25 RM/16 FE180/E30	1142	31	1900	2.69
NHXCH 4 x 35 RM/16 FE180/E30	1526	33	2400	3.06
NHXCH 4 x 50 RM/25 FE180/E30	2203	38	3400	4
NHXCH 4 x 70 RM/35 FE180/E30	3082	42	4500	4.89
NHXCH 4 x 95 RM/50 FE180/E30	4208	49	6100	6.44
NHXCH 4 x 120 RM/70 FE180/E30	5388	53	7600	7.36
NHXCH 4 x 150 RM/70 FE180/E30	6540	60	8700	8.97
NHXCH 7 x 1,5 RE/2,5 FE180/E30	134	19	420	1.19
NHXCH 7 x 2,5 RE/2,5 FE180/E30	200	21	540	1.33
NHXCH 7 x 4,0 RE/4,0 FE180/E30	315	22	700	1.53
NHXCH 10 x 1,5 RE/2,5 FE180/E30	176	24	560	1.56
NHXCH 10 x 2,5 RE/4,0 FE180/E30	286	25	760	1.83
NHXCH 12 x 1,5 RE/2,5 FE180/E30	205	24	620	1.72
NHXCH 12 x 2,5 RE/4,0 FE180/E30	334	25	850	2.03
NHXCH 14 x 1,5 RE/2,5 FE180/E30	234	25	700	1.89
NHXCH 14 x 2,5 RE/4,0 FE180/E30	403	27	950	2.22
NHXCH 19 x 1,5 RE/4,0 FE180/E30	320	28	950	2.39
NHXCH 19 x 2,5 RE/6,0 FE180/E30	523	30	1200	2.72
NHXCH 24 x 1,5 RE/6,0 FE180/E30	413	32	1150	2.89
NHXCH 24 x 2,5 RE/10 FE180/E30	696	35	1550	3.39
NHXCH 30 x 1,5 RE/6,0 FE180/E30	499	34	1350	3.33

☞ p – počet žíl x prierez (numbers of cores x nominal cross-section)

☞ t_j – tvar jadra (shape of core)

☞ c – hmotnosť Cu (weights of copper)

☞ d – nominálny priemer kábla nad PE plášťom (nominal diameter of cable over sheath)

☞ m – informatívna váha kábla (informative weight of cable)

☞ q – záťaž pri horeni (ballast in burning)