

1	2	3	4	5
Type of installation	free in the air			on or around areas
Key of the type of construction¹⁾	H05V-U, H05V-K H07V-U, H07V-R, H07V-K H07V3-U, H07V3-R H07V3-K N05XAFX, N07XAFX NFYW H05RN-F, H07RN-F H05V2-U, H05V2-K H07V2-U, H07V2-K H05Z-U H07Z-U, H07Z-R, H07Z-K NHXA, NHXAF H05G-U, H05G-K H07G-U, H07G-R, H07G-K N7YA, N7YAF N2GFA, N2GFAF H05S-U, H05S-K H05SJ-K, A05SJ-U A05SJ-K	H03RT-F, A03RT-F H05RR-F, A05RR-F A05RRT-F H05RN-F, A05RN-F H05RNH2-F H07RN-F, A07RN-F H03VH-Y 2) H03VH-H H03VV-F, A03VV-F H03VVH2-F H05VV-F, A05VV-F H05VVH2-F H03VVH8-F H03VVH2H8-F H05VVH8-F H05VVH2H8-F		NPL, NMHVÖU, NYMHYV NSHCÖU, NGFLGÖU NSHTÖU H05RTD5-F, H05RND5-F H05RTD3-F, H05RND3-F H07RTD5-F, H07RND5-F H07RTD3-F, H07RND3-F H07RN-F, A07RN-F NYMH11YÖ, NGMH11YÖ H05VVH6-F, H05VVD3H6-F H07VVH6-F, H07VVD3H6-F A07VVH6-F, A07VVD3H6-F NXMHX NYSLYÖ, NYSLYCYÖ NYSLY, NYSLYCY NLSY, NLSCY NSY, NSCY NYPLYW, NYFAZW N2GSA, N2GMH2G
Number of loaded cores	1	2	3	2 or 3
Cross-section copper conductor mm²		Carrying capacity in A		
0,5	-	3	3	-
0,75	15	6	6	12
1	19	10	10	15
1,5	24	16	16	18
2,5	32	25	20	26
4	42	32	25	34
6	54	40	-	44
10	73	63	-	61
16	98	-	-	82
25	129	-	-	108
35	158	-	-	135
50	198	-	-	168
70	245	-	-	207
95	292	-	-	250
120	344	-	-	292
150	391	-	-	335
185	448	-	-	382
240	528	-	-	453
300	608	-	-	523
400	726	-	-	-
500	830	-	-	-
Carrying capacity according to	DIN VDE 0100-523: 1981-06; group 3	HD 21.2 S2 respectively HD 22.1 S2		DIN VDE 0100-523: 1981-06; group 2
Conversion factor for:			table	
Deviated ambient temperature	please see table 8		-	please see table 17
Accumulation	please see table 8		-	
Installation under the cover		-		please see table 17
Multiwired cores		-		please see table 20

1) Allowed working temperature at the conductor, please see schedule 1.

2) Required conductor cross-section 0,1 mm², capable of bearing 0,2 A independent of the ambient temperature.

3) The carrying capacity in the column 3 and 4 has to be used for the application of household and hand-held equipment.