

Current ratings for installation A1, A2, B1 and B2

Cables for fixed installation within buildings

Operating temperature at conductor 70°C; Ambient temperature 30°C

Type Designation	H07V-U, -R, -K H07V3-U, -R, -K		NYM, NYMZ, NYMT NHYRUZY, NYBUY NYDY N05VV-U, N05VV-R NHXMH NYY, NYCY ¹⁾		H07V-U, -R, -K H07V3-U, -R, -K		NYM, NYMZ, NYMT NHYRUZY, NYBUY NYDY N05VV-U, N05VV-R NHXMH NYY, NYCY ¹⁾	
Installation:	Single core cables in insulating tubes, in a thermally insulated walls		Multicore sheathed cables in insulating tubes, in a thermally insulated walls		Single core cables in insulating tubes on a wall		Multicore cables or multicore sheathed cables in insulating tubes on a wall	
Installation method ²⁾	A1		A2		B1		B2	
Nuber of loaded cores	2	3	2	3	2	3	2	3
Cross-section, mm ²	Current ratings in Ampere (A)							
1,5	15,5 ³⁾	13,5	15,5 ³⁾	13,0	17,5	15,5	16,5	15,0
2,5	19,5	18,0	18,5	17,5	24	21	23	20
4	26	24	25	23	32	28	30	27
6	34	31	32	29	41	36	38	34
10	46	42	43	39	57	50	52	46
10	-	-	-	-	-	-	-	47,17 ⁴⁾
16	61	56	57	52	76	68	69	62
25	80	73	75	68	101	89	90	80
35	99	89	92	83	125	110	111	99
50	119	108	110	99	151	134	133	118
70	151	136	139	125	192	171	168	149
95	182	164	167	150	232	207	201	179
120	210	188	192	172	269	239	232	206
150	240	216	219	196	-	-	-	-
185	273	245	248	223	-	-	-	-
240	320	286	291	261	-	-	-	-
300	367	328	334	298	-	-	-	-

Conversion factors for deviating ambient temperature, grouping, installation under the ceiling, multicore cables and insulated wires – see DIN VDE 0298 part 4.

¹⁾ The current ratings are valid for cables with concentric conductor, only for multicore versions

²⁾ for further installation methods – see DIN VDE 0298 part 4

³⁾ see DIN VDE 0298 part 4

⁴⁾ not permitted for the installation on a wooden wall and not for application of the conversion factors, see DIN VDE 0298 part 4