

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: ● in thermally insulated walls ● in insulating tubes	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 in thermally insulated walls			Installation in insulating tubes	
Installation method ²⁾	A1	A2	B1	B2
Number of loaded cores	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
2,5	19,5	18,0	18,5	17,5
4	26	24	25	23
6	34	31	32	29
10	46	42	43	39
10	–	–	–	–
16	61	56	57	52
25	80	73	75	68
35	99	89	92	83
50	119	108	110	99
70	151	136	139	125
95	182	164	167	150
120	210	188	192	172
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