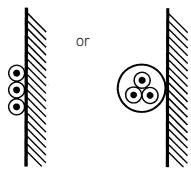
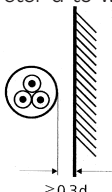
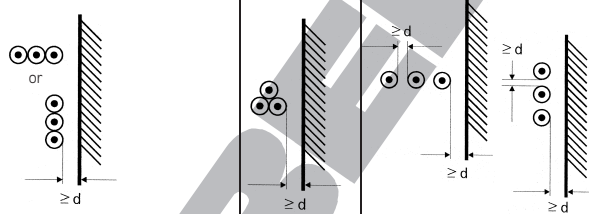


Current ratings for installation conditions C, E, F and G

Cables for fixed installation within buildings

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

Type designation	NYM, NYMZ, NYMT, NYIF, NYIFY NHYRUZY, NYBUY, NYDY N05W-U, N05W-R NHXMH, NYY, NYCY ¹⁾				NYY				
Installation: ● directly ● in open air	Singlecore or multicore cables or single or multicore sheathed cables on a wall		Multicore cables or multicore sheathed cables with a space of minimum 0,3x diameter d to wall		Single core cables or single core sheathed cables with a space of minimum 1 x diameter d to wall				
									
	direct installation				installation in open air				
Installation method ²⁾	C		E		F		G		
Number of loaded cores	2	3	2	3	2	3			
Cross-section, mm ²	Current ratings in Ampere (A)								
1,5	19,5	17,5	22	18,5	–	–	–	–	–
2,5	27	24	30	25	–	–	–	–	–
4	36	32	40	34	–	–	–	–	–
4	–	33,02 ³⁾	–	–	–	–	–	–	–
6	46	41	51	43	–	–	–	–	–
10	63	57	70	60	–	–	–	–	–
10	–	59,43 ³⁾	–	–	–	–	–	–	–
16	85	76	94	80	–	–	–	–	–
25	112	96	119	101	131	114	110	146	130
35	138	119	148	126	162	143	137	181	162
50	168	144	180	153	196	174	167	219	197
70	213	184	232	196	251	225	216	281	254
95	258	223	282	238	304	275	264	341	311
120	299	259	328	276	352	321	308	396	362
150	344	299	379	319	406	372	356	456	419
185	392	341	434	364	463	427	409	521	480
240	461	403	514	430	546	507	485	615	569
300	530	464	593	497	629	587	561	709	659
400	–	–	–	–	754	689	656	852	795
500	–	–	–	–	868	789	749	982	920
630	–	–	–	–	1005	905	855	1138	1070

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

