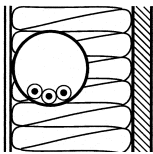
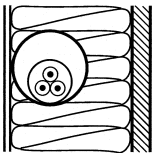
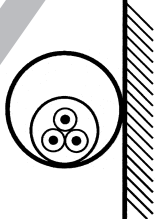


Current ratings for installation conditions

Cables for fixed installation within buildings

A1, A2, B1 and B2

Operating temperature at Conductor 90°C; Ambient temperature 30°C

Type designation	H07V2-U, -K NHXA, NHXAF H07Z-U, -R, -K		N12XY, N2XY, N2X2Y N2XH, N2XCH NHXHX FE180 NHXCHX FE180 NHXH FE180 NHXCH FE180 NHXHX, NHXCHX		H07V2-U, -K NHXA, NHXAF H07Z-U, -R, -K		N12XY, N2XY, N2X2Y N2XH, N2XCH NHXHX FE180 NHXCHX FE180 NHXH FE180 NHXCH FE180 NHXHX, NHXCHX	
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 ¹⁾	A1		A2		B1		B2	
Number of loaded cores	2	3	2	3	2	3	2	3
Cross-section, mm ²	Current ratings in Ampere (A)							
1,5	19,0	17,0	18,5	16,5	23	20	22	19,5
2,5	26	23	25	22	31	28	30	26
4	35	31	33	30	42	37	40	35
6	45	40	42	38	54	48	51	44
10	61	54	57	51	75	66	69	60
16	81	73	76	68	100	88	91	80
25	106	95	99	89	133	117	119	105
35	131	117	121	109	164	144	146	128
50	158	141	145	130	198	175	175	154
70	200	179	183	164	253	222	221	194
95	241	216	220	197	306	269	265	233
120	278	249	253	227	354	312	305	268
150	318	285	290	259	–	–	–	–
185	362	324	329	295	–	–	–	–
240	424	380	386	346	–	–	–	–
300	486	435	442	396	–	–	–	–

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

¹⁾ for further installation conditions – see DIN VDE 0298 part 4