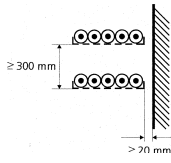
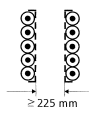
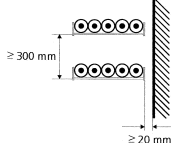
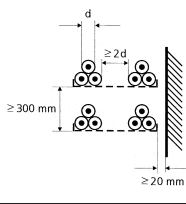
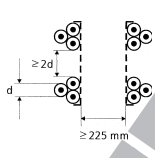
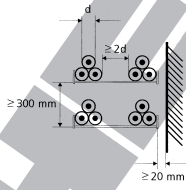


Current ratings – Conversion factors

for grouping of single core cables or cables on troughs and trays

Number of three-phase systems with single core cables		Used as multiplier for the ratings value for	Number of troughs or trays	1	2	3	
Installation method				Conversion factors			
Perforated cable troughs	with contact 	Three-cores cable in horizontal-surface arrangement	1	0,98	0,91	0,87	
			2	0,96	0,87	0,81	
			3	0,95	0,85	0,78	
	with contact 	Three-cores cable vertical-surface arrangement	1	0,96	0,86	–	
			2	0,95	0,84	–	
Cable trays	with contact 	Three-cores cable in horizontale-surface arrangement	1	1,00	0,97	0,96	
			2	0,98	0,93	0,89	
			3	0,97	0,90	0,86	
Perforated cable troughs		Three-core cables in vertical-surface triangle arrangement	1	1,00	0,98	0,96	
			2	0,97	0,93	0,89	
			3	0,96	0,92	0,86	
			1	1,00	0,91	0,89	
			2	1,00	0,90	0,86	
Cable trays			1	1,00	1,00	1,00	
			2	0,97	0,95	0,93	
			3	0,96	0,94	0,90	

Note:

The conversion factors are used only for cables of one layer grouping arrangement. These are not valid when the cables are installed with contact one upon another or the given sprees between the cable troughs or cable trays are not followed. In such cases the conversion factors can be reduced.

To parallel current circuits each group of three conductors of the parallel circuit is regarded as single circuit.