

## TECHNICAL INFORMATION

### T1

DIN EN 60999-1, Table 1 (excerpt)  
Relation between rated connection abilities and wires

Rated cross section	Theoretical diameter of the largest conductor						
	metric			AWG			
	solid		flexible	solid			flexible
	single wire	multi-stranded wire		b) single wire	b) Class B multi-stranded wire	c) Class I, K, M multi-stranded wire	
mm <sup>2</sup>	mm	mm	mm	No.	mm	mm	mm
0,2	0,51	0,53	0,61	24	0,54	0,61	0,64
0,34	0,63	0,66	0,8	22	0,68	0,71	0,80
0,5	0,9	1,1	1,1	20	0,85	0,97	1,02
0,75	1,0	1,2	1,3	18	1,07	1,23	1,28
1,0	1,2	1,4	1,5	—	—	—	—
1,5	1,5	1,7	1,8	16	1,35	1,55	1,60
2,5	1,9	2,2	2,3 <sup>a)</sup>	14	1,71	1,95	2,08
4,0	2,4	2,7	2,9 <sup>a)</sup>	12	2,15	2,45	2,70
6,0	2,9	3,3	3,9 <sup>a)</sup>	10	2,72	3,09	3,36
10,0	3,7	4,2	5,1	8	3,34	3,89	4,32
16,0	4,6	5,3	6,3	6	4,32	4,91	5,73
25,0	—	6,6	7,8	4	5,45	6,18	7,26
35	—	7,9	9,2	2	6,87	7,78	9,02

NOTE The diameter of the largest solid and flexible wire is based on Table 1 according to IEC 60228A and IEC 60344 and for AWG conductors on ASTM B 172-71 [4], ICEA-Publication S-19-81 [5], ICEA-Publication S-66-524 [6] and ICEA-Publication S-66-516 [7].

<sup>a)</sup> Information only for flexible wires in class 5 of IEC 60228A.  
<sup>b)</sup> Nominal + 5 %.  
<sup>c)</sup> Largest diameter for each of the three classes I, K, M + 5 %.