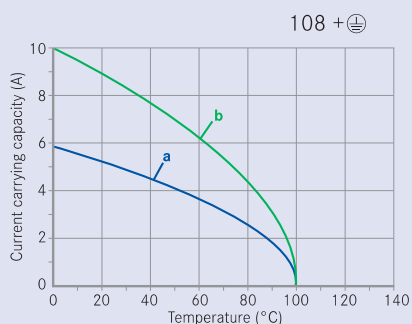
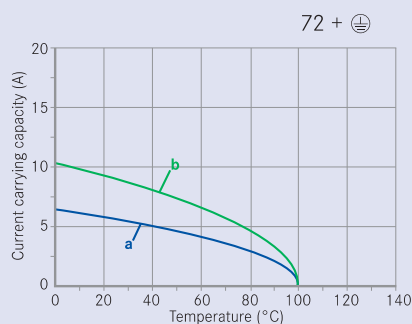
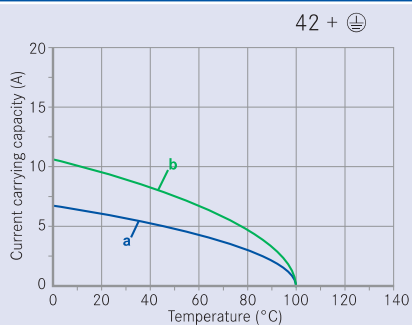
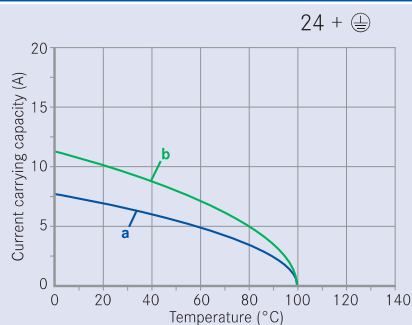


General Characteristics		Standard				Value			
Number of contacts						24 + ⊕	42 + ⊕	72 + ⊕	108 + ⊕
Termination technique						crimp			
Wire gauge						0.14 mm ² - 2.5 mm ²			
Flammability		UL 94				V-0			
Electrical Characteristics									
Rated voltage		IEC 60664-1				250 V (600 V UL / CSA)			
Pollution degree		IEC 60664-1				2 (3 mated and locked)			
Installation (overvoltage) category		IEC 60664-1				III			
Material group		IEC 60664-1				III b			
Rated impulse withstand voltage		IEC 60664-1				4 kV			
Current carrying capacity		IEC 60512-5-2				see derating curves			
Contact resistance		IEC 60512-2-1				≤ 5 mΩ			
Insulation resistance		IEC 60512-3-1				≥ 10 ¹⁰ Ω			
Climatical Characteristics									
Climatic category		IEC 60068-1				40 / 100 / 21			
Upper temperature		IEC 60512-11-9				+ 100 °C			
Lower temperature		IEC 60512-11-10				- 40 °C			
Mechanical Characteristics									
Weight pin insert						44 g	50 g	63 g	86 g
IP-degree of protection pin insert		IEC 60529				unmated IP00		mated IP20	
IP-degree of protection socket insert		IEC 60529				unmated IP20		mated IP20	
Weight socket insert						41 g	50 g	67 g	88 g
Mechanical operation		IEC 60512-9-1				> 500 mating cycles			
Materials									
Insert						PBTP			
Colour insert						grey			
Contacts						CuZn (brass)			
Contact plating						Ag (silver)			

Derating curves


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