

General Characteristics	Standard	Value							
Number of contacts		7	15	25	40	50 2x25	64	128 2x64	
Contact arrangement	DIN EN 175 301-801 (DIN 43652)		•	•	•		•		
Termination technique		crimp, wire wrap							
Max. wire diameter		4.1 mm							
Flammability	UL 94	V-0							
Electrical Characteristics									
Rated voltage ¹⁾	IEC 60664-1	250 V~ (400 V~ ²⁾) (600 V UL / CSA ³⁾)							
Pollution degree	IEC 60664-1	3							
Installation (overvoltage) category	IEC 60664-1	III							
Material group	IEC 60664-1	III b							
Rated impulse withstand voltage	IEC 60664-1	4 kV							
Rated current	IEC 60512-5-2	see derating curves							
Rated current T _{amp} = 40 °C		16 A	12 A	12 A	10 A	10 A	10 A	10 A	
Insulation resistance	IEC 60512-3-1	≥ 10 ¹⁰ Ω							
Climatical Characteristics									
Climatic category	IEC 60068-1	40/125/21							
Upper temperature	IEC 60512-11-9	+ 125°C							
Lower temperature	IEC 60512-11-10	- 40°C							
Mechanical Characteristics									
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 pin insert		8 g	28 g	34 g	53 g	68 g	65 g	130 g	
Weight socket insert		8 g	30 g	38 g	64 g	76 g	82 g	164 g	
Mechanical operation	IEC 60512-9-1	≥ 500 mating cycles							
Materials									
Insert	IEC 60664-1	PBTP	PC GV ⁴⁾						
Colour insert	IEC 60664-1	grey							