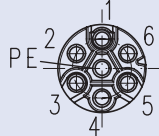
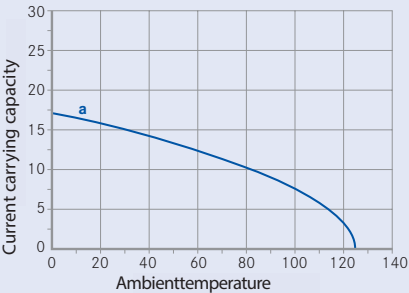




General Characteristics		Standard	Characteristics					
Number of contacts			3 + PE	6 + PE				
Termination technique			crimp type					
Wire gauge / AWG			0.14 - 1.5 mm ² AWG 26 - 16					
Flammability	UL 94		VO					
Locking system			round thread					
View on termination side of male contact insert								
Electrical Characteristics								
Rated voltage	IEC 60664-1 ¹⁾		600 V					
Pollution degree	IEC 60664-1 ¹⁾		3 (mated)					
Installation(overvoltage)category	IEC 60664-1 ¹⁾		III					
Material group	IEC 60664-1 ¹⁾		II					
Rated impulse withstand voltage	IEC 60664-1 ¹⁾		6000 V					
Current carrying capacity	IEC 60512-5-2		14 A / + 40°C					
Contact resistance	IEC 60512-2-1		≤ 5 m Ω					
Insulation resistance	IEC 60512-3-1		≥ 10 ⁸ Ω					
Climatic Characteristics								
Climatic category	IEC 60068-1		40 / 125 / 56					
Operating temperature			-40°C ... +125°C					
Mechanical Characteristics								
Degree of protection	IEC 60529		IP 65					
Insertion and withdrawal force	IEC 60512-13-2		≤ 35 N					
Mechanical operation	IEC 60512-9-1		≥ 500 mating cycles					
Materials								
Housing material			PA 6.6 / PA 6					
Dielectric material			PA 6.6 / PA 6					
Gasket material			Neopren					
Contact plating			silver plating / gold plating					
Derating-Curves ²⁾		Prüfstelle	Kennwert					
<p>6 + PE</p>  <table border="1"> <thead> <tr> <th>Curve</th> <th>Wire gauge</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>1.5 mm² stamped crimpcontacts</td> </tr> </tbody> </table>		Curve	Wire gauge	a	1.5 mm ² stamped crimpcontacts	<p>UL * </p> <p>CSA </p>	<p>3+PE, 600 V, 13 A at AWG 16 3+PE, 600 V, 5 A at AWG 26 6+PE, 600 V, 13 A at AWG 16 6+PE, 600 V, 5 A at AWG 26</p> <p>3+PE, 600 V, 10.5 A at AWG 16 6+PE, 600 V, 10.5 A at AWG 16</p>	
Curve	Wire gauge							
a	1.5 mm ² stamped crimpcontacts							
		<p>In general approvals refer to versions of the connector series. Test report upon request. * Please refer to „conditions of acceptability“</p>						

Remark

The stated technical values refer to the use as connector without breaking capacity (COC). If these components are used as plug and socket device a reduced current carrying capacity has to be considered. The characteristics have to be requested from the manufacturer.

