

Technical characteristics	Caratteristiche tecniche																																																																				
<p>Specifications: VDE 0627 VDE 0110 EN 61984 UL 1977</p> <p>Approvals: (UL, CSA)</p> <p>Inserts:</p> <p>Number of contacts 6, 12 (2x6) + ⊕</p> <p>Electrical data acc. to EN 61984</p> <div style="text-align: right; margin-bottom: 5px;">35A 830V 6 kV 3</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Working current</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Working voltage</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Rated impulse voltage</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Pollution degree</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> </table> <p>Or 10A 1000V 6 kV 2</p> <p>Current carrying capacity: Please refer to "Electrical engineering data" section.</p> <p>Working voltage acc. to UL/CSA 600V Insulation resistance $\geq 10^{10} \Omega$ Material Polycarbonate Temperature range -40 °C ... +125 °C Flammability UL 94 V 0 - GWT 960° Mechanical working life ≥ 500 cycles</p> <p>Contacts:</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">Material</td> <td>copper alloy</td> </tr> <tr> <td>Surface - hard-silver plated</td> <td>2 μm Ag</td> </tr> <tr> <td>Contact resistance</td> <td>≤ 0.5 m Ω</td> </tr> <tr> <td>Screw terminal</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">- mm²</td> <td>0.5 ÷ 6 mm²</td> </tr> <tr> <td style="padding-left: 20px;">- AWG</td> <td>20 ÷ 10</td> </tr> <tr> <td style="padding-left: 20px;">- Tightening test torque</td> <td>1.2 Nm</td> </tr> </table> <p>Recommended enclosures:</p> <ul style="list-style-type: none"> - For STD hoods/housings size B16 and B32 for applications up to 500V. - STD-HV and HE-HV hoods/housings size B16 and B32 for applications up to 830V are recommended. <table style="width: 100%;"> <tr> <td style="width: 30%;">Material</td> <td>Die cast aluminium</td> </tr> <tr> <td>Surface</td> <td>Powder coated</td> </tr> <tr> <td>Locking element</td> <td>STD type = galvanized steel STD-HV type = galvanized steel HE-HV type = stainless steel</td> </tr> <tr> <td>Hoods/Housings seal</td> <td>NBR or FPM</td> </tr> <tr> <td>Temperature range</td> <td>-40 °C ... +125 °C</td> </tr> <tr> <td>Degree of protection acc. to EN 60 529 for coupled connectors</td> <td>IP65</td> </tr> </table> <p>Thread: Metric EN 50262 Pg DIN 40430</p>	Working current		Working voltage		Rated impulse voltage		Pollution degree		Material	copper alloy	Surface - hard-silver plated	2 μ m Ag	Contact resistance	≤ 0.5 m Ω	Screw terminal		- mm ²	0.5 ÷ 6 mm ²	- AWG	20 ÷ 10	- Tightening test torque	1.2 Nm	Material	Die cast aluminium	Surface	Powder coated	Locking element	STD type = galvanized steel STD-HV type = galvanized steel HE-HV type = stainless steel	Hoods/Housings seal	NBR or FPM	Temperature range	-40 °C ... +125 °C	Degree of protection acc. to EN 60 529 for coupled connectors	IP65	<p>Norme di riferimento: VDE 0627 VDE 0110 EN 61984 UL 1977</p> <p>Approvazioni: (UL, CSA)</p> <p>Inserti:</p> <p>Numero dei contatti 6, 12 (2x6) + ⊕</p> <p>Caratteristiche elettriche secondo EN 61984</p> <div style="text-align: right; margin-bottom: 5px;">35A 830V 6 kV 3</div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Corrente nominale</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Tensione nominale</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Tensione ad impulso</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> <tr> <td>Grado di inquinamento</td> <td style="border-top: 1px solid black; border-right: 1px solid black; border-bottom: 1px solid black;"></td> </tr> </table> <p>Oppure 10A 1000V 6 kV 2</p> <p>Portata di corrente: Vedi sezione "Caratteristiche elettriche"</p> <p>Tensione nominale secondo UL/CSA 600V Resistenza di isolamento $\geq 10^{10} \Omega$ Materiale Polycarbonate Temperature di lavoro -40 °C ... +125 °C Autoestinguenza UL 94 V 0 - GWT 960° Vita meccanica ≥ 500 cicli</p> <p>Contatti:</p> <table style="width: 100%;"> <tr> <td style="width: 30%;">Materiale</td> <td>Legga di rame</td> </tr> <tr> <td>Finitura: Argentati</td> <td>2 μm Ag</td> </tr> <tr> <td>Resistenza di contatto</td> <td>≤ 0.5 m Ω</td> </tr> <tr> <td>Terminali a vite</td> <td></td> </tr> <tr> <td style="padding-left: 20px;">- mm²</td> <td>0.5 ÷ 6 mm²</td> </tr> <tr> <td style="padding-left: 20px;">- AWG</td> <td>20 ÷ 10</td> </tr> <tr> <td style="padding-left: 20px;">- Coppia di serraggio</td> <td>1.2 Nm</td> </tr> </table> <p>Custodie suggerite:</p> <ul style="list-style-type: none"> - Custodie STD grandezza B16 e B32 per applicazioni fino a 500V. - Sono raccomandate custodie STD-HV e HE-HV grandezza B16 e B32 per applicazioni fino a 830V <table style="width: 100%;"> <tr> <td style="width: 30%;">Materiale</td> <td>Fusione di alluminio</td> </tr> <tr> <td>Superficie</td> <td>Verniciatura a polvere</td> </tr> <tr> <td>Sistema di chiusura</td> <td>Tipo STD = Acciaio zincato Tipo STD-HV = Acciaio zincato Tipo HE-HV = Acciaio inox</td> </tr> <tr> <td>Guarnizione</td> <td>NBR o FPM</td> </tr> <tr> <td>Temperature di lavoro</td> <td>-40 °C ... +125 °C</td> </tr> <tr> <td>Grado di protezione secondo EN 60529 per connettori accoppiati</td> <td>IP 65</td> </tr> </table> <p>Filettature: Metrica EN 50262 Pg DIN 40430</p>	Corrente nominale		Tensione nominale		Tensione ad impulso		Grado di inquinamento		Materiale	Legga di rame	Finitura: Argentati	2 μ m Ag	Resistenza di contatto	≤ 0.5 m Ω	Terminali a vite		- mm ²	0.5 ÷ 6 mm ²	- AWG	20 ÷ 10	- Coppia di serraggio	1.2 Nm	Materiale	Fusione di alluminio	Superficie	Verniciatura a polvere	Sistema di chiusura	Tipo STD = Acciaio zincato Tipo STD-HV = Acciaio zincato Tipo HE-HV = Acciaio inox	Guarnizione	NBR o FPM	Temperature di lavoro	-40 °C ... +125 °C	Grado di protezione secondo EN 60529 per connettori accoppiati	IP 65
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