





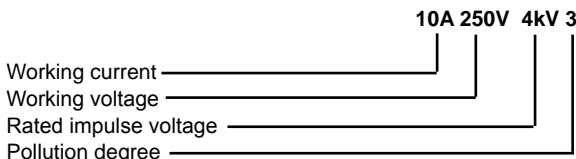



Technical characteristics	Caratteristiche tecniche
<p>Specifications: EN 61984, EN 60664-1 UL 1977 CSA C22.2 No. 182.3</p>	<p>Norme di riferimento: EN 61984, EN 60664-1 UL 1977 CSA C22.2 num. 182.3</p>
<p>Approvals:  (UL, CSA) </p>	<p>Approvazioni:  (UL, CSA) </p>
<p>Number of contacts 24,42,72,108,144(72x2), 216(108x2) + </p>	<p>Numero dei contatti 24,42,72,108,144(72x2), 216(108x2) + </p>
<p>Electrical data acc. to EN 61984</p> 	<p>Caratteristiche elettriche secondo EN 61984</p> 
<p>Pollution degree 2 also 10A 230/400V 4kV 2</p>	<p>Con grado di inquinamento 2 10A 250/400V 4kV 2</p>
<p>Current carrying capacity: Please refer to "Electrical engineering data" page 00.27</p>	<p>Portata di corrente: Vedere pag. 00.27 "Caratteristiche elettriche"</p>
<p>Working voltage acc. to UL/CSA 600V Insulation resistance $\geq 10^{10} \Omega$ Material Polycarbonate Limiting temperatures - 40 °C ... + 125 °C Flammability acc. to UL94 V0 - GWT 960° Mechanical working life ≥ 500 cycles</p>	<p>Tensione nominale sec. UL/CSA 600V Resistenza di isolamento $\geq 10^{10} \Omega$ Materiale Polycarbonato Limiti di temperature - 40 °C ... + 125 °C Autoestinguenza UL94 V0 - GWT 960° Vita meccanica ≥ 500 cicli</p>
<p>Contacts: Turned see page 01.36</p>	<p>Contatti: Torniti ved. pag. 01.36</p>
<p>Material copper alloy Surface Silver plated Gold plated Contact resistance $\leq 3 \text{ m} \Omega$ Crimp terminal - mm² 0.14÷2,5 - AWG 26 – 14</p>	<p>Materiale Lega di rame Finitura: Argentati Dorati Resistenza di contatto $\leq 3 \text{ m} \Omega$ Terminali a crimpare - mm² 0.14÷2,5 - AWG 26 - 14</p>
<p>For solid or stranded wires</p>	<p>Per fili rigidi o flessibili</p>
<p>Recommended enclosures: Section: 21,22,23,25,26,27,30</p>	<p>Custodie suggerite: Sezioni: 21,22,23,25,26,27,30</p>
<p>Type STD, HE, EMC, HP-HE</p>	<p>Tipo STD, HE, EMC, HP-HE</p>
<p>Material Die cast aluminium Surface Powder coated Locking element With metal lever or screws Hoods/Housings seal NBR Limiting temperatures -40 °C ... + 125 °C Degree of protection acc. to EN 60529 for coupled connectors IP66 or IP68 (HP-HE) Thread Metric - EN 50262 Pg - DIN 40430</p>	<p>Materiale Fusione di alluminio Superficie Verniciatura a polvere Sistema di chiusura Con leva metallica o viti Guarnizione NBR Limiti di temperature -40 °C ... + 125 °C Grado di protezione secondo EN 60529 connettori accoppiati IP66 o IP68 (HP-HE) Filettature Metrica - EN 50262 Pg - DIN 40430</p>
<p>According to EN61984 connectors should not be coupled and decoupled under electrical load.</p>	<p>Secondo la norma EN61984 i connettori non devono essere connessi e sconnessi sotto carico</p>

Application with higher voltage

Applicazioni con tensioni maggiori

If all the contacts are used, the S-DD series connectors may be used with voltages of up to 250V, pollution degree 3, in accordance with the standard EN 61984.
 If the number of contacts is reduced and the contacts accordingly assigned, these connectors may be used with higher voltage. This is possible because the decrease in the number of contacts leads to an increase in the surface distance in the air. When the contacts are arranged as shown below, the inserts may be used for voltages up to 500V, pollution degree 3, in accordance with standard EN 61984.

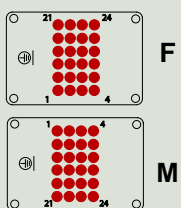
*Se vengono inseriti tutti i contatti, i connettori della serie S-DD possono essere utilizzati con tensioni fino a 250V, grado di inquinamento 3, in conformità con la norma EN 61984.
 Se il numero dei contatti viene ridotto e gli stessi opportunamente disposti, possono essere utilizzati con tensioni maggiori. Questo risulta possibile perché il decremento del numero dei contatti produce un incremento della distanza fra essi. Quando i contatti sono disposti come mostrato qui sotto, gli inserti possono essere usati per tensioni fino a 500V, grado di inquinamento 3, in conformità con la norma EN 61984.*

For use up to 250V Pollution degree 3
Per usi fino a 250V Grado di inquinamento 3

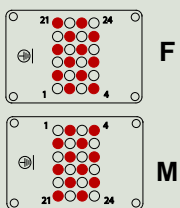
For use up to 400V Pollution degree 3
Per usi fino a 400V Grado di inquinamento 3

For use up to 500V Pollution degree 3
Per usi fino a 500V Grado di inquinamento 3

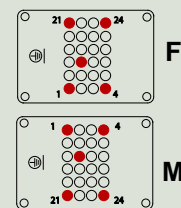
S-DD 24+ ⊕



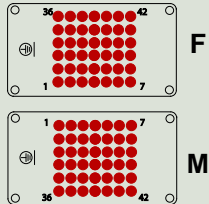
S-DD 12+ ⊕



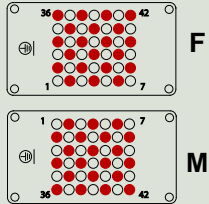
S-DD 5+ ⊕



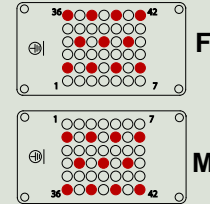
S-DD 42+ ⊕



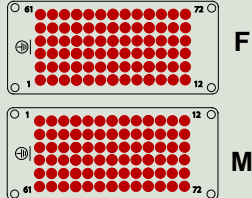
S-DD 21+ ⊕



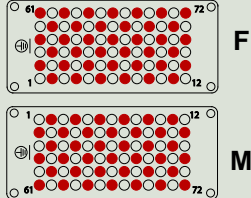
S-DD 11+ ⊕



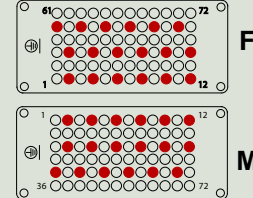
S-DD 72+ ⊕



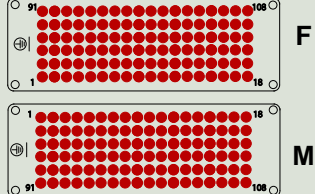
S-DD 34+ ⊕



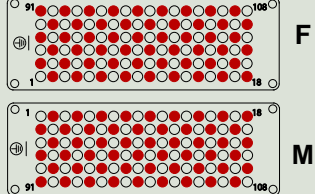
S-DD 17+ ⊕



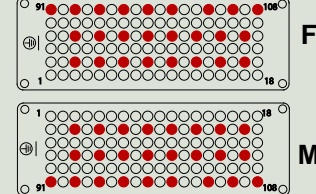
S-DD 108+ ⊕





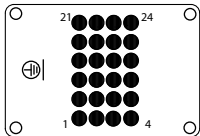
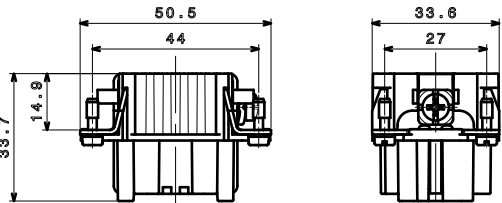
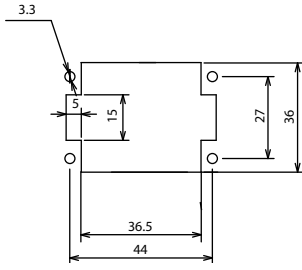


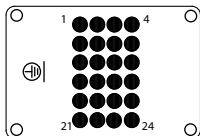
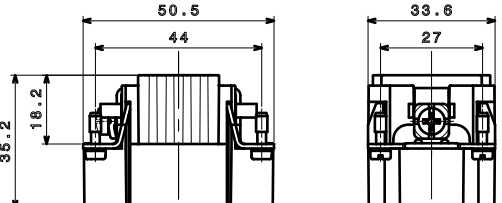
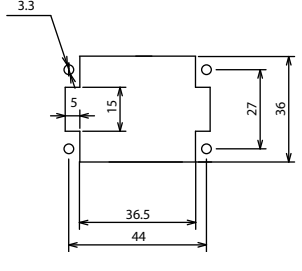
S-DD 52+ ⊕



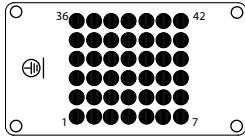
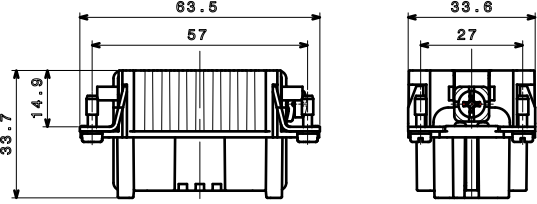
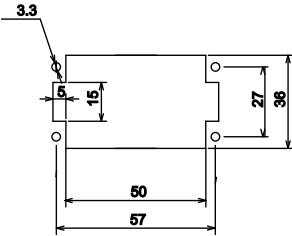


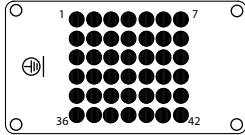
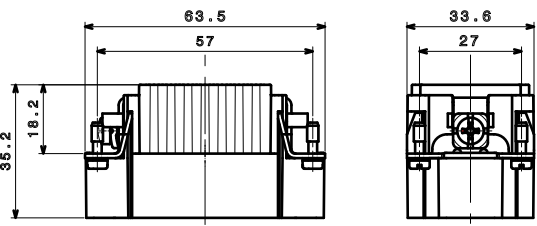
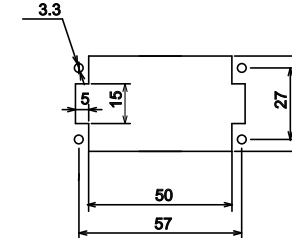




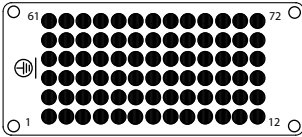
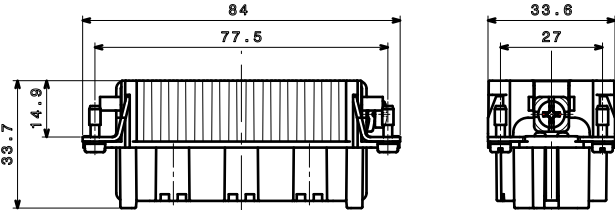
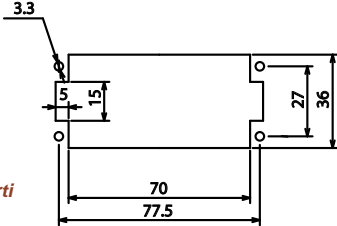
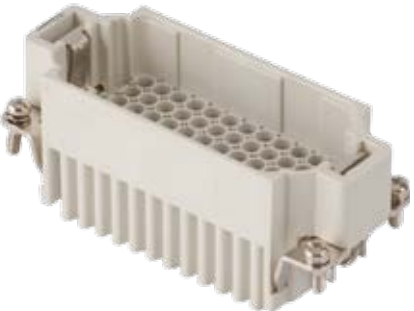

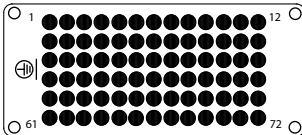
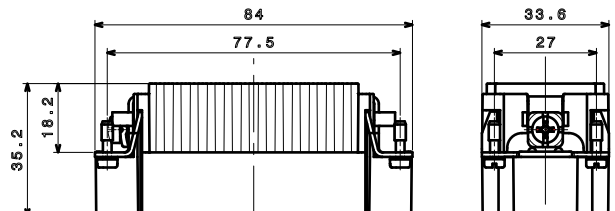
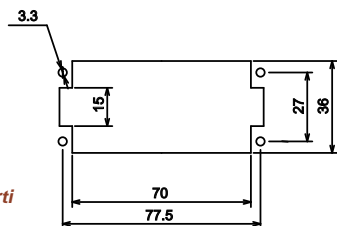
S-DD 26+ ⊕

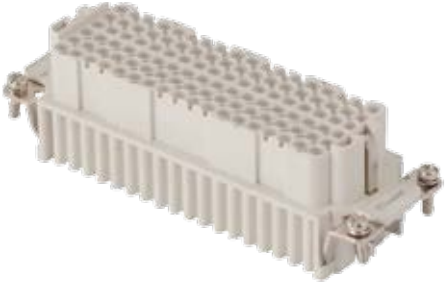

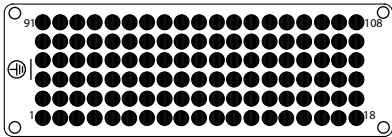
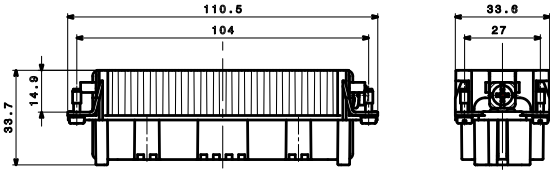
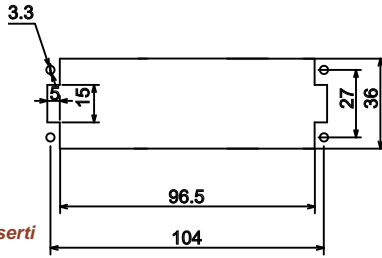
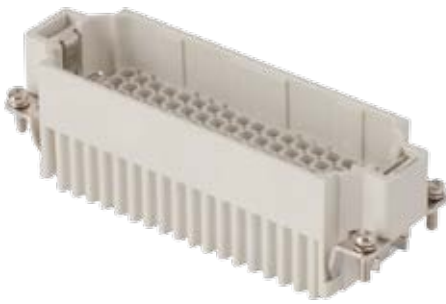

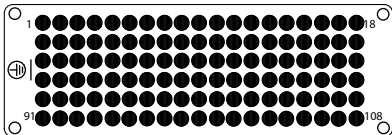
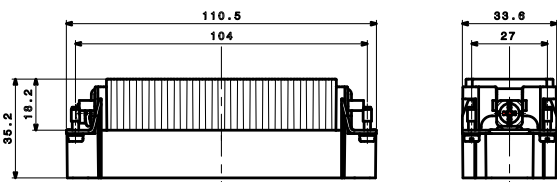
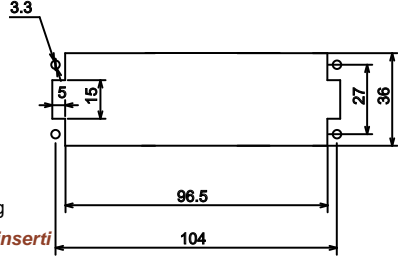




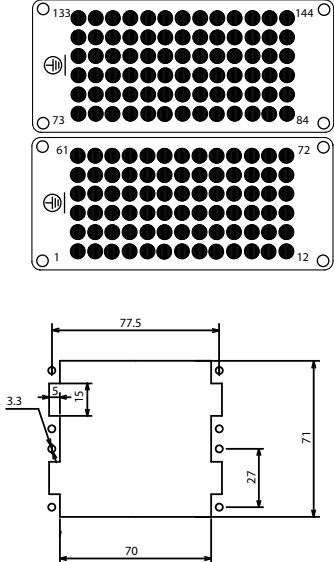
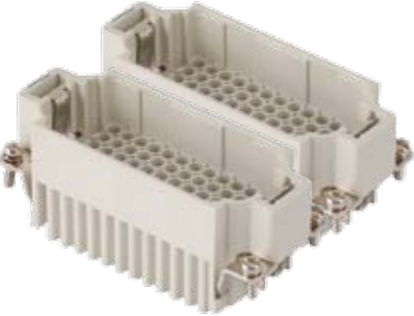

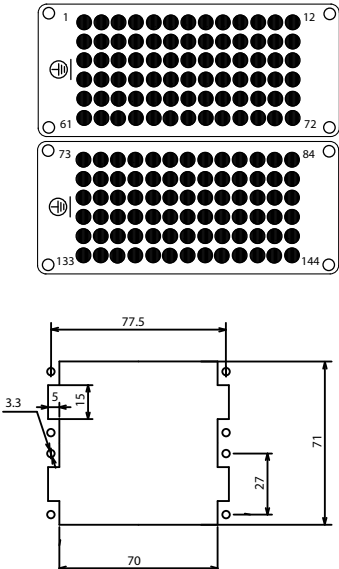
- Operating contacts / *Contatto operativo*
 - Without contact / *Senza contatto*
- View from terminations side / Vista lato terminazioni*



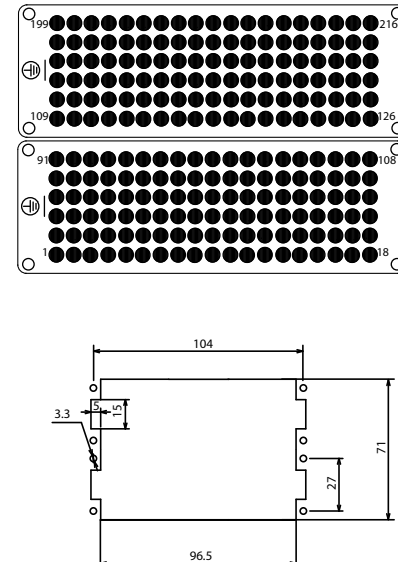
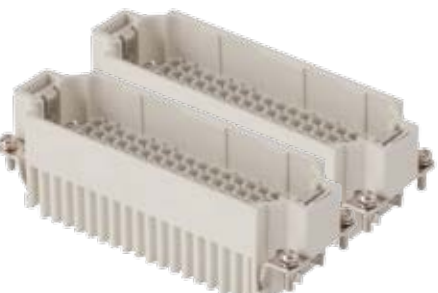

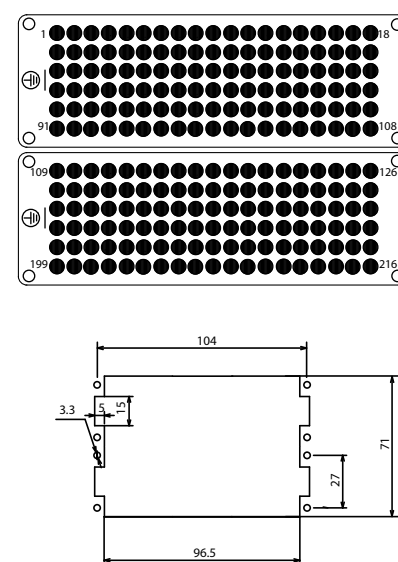
Inserts for crimp contacts <i>Inserti per contatti a crimpare</i>	Size 6B, 24p + ⊕ UL/CSA : 600 V	Part No. <i>Codice</i>
<p> Contact carrier for female contacts turned <i>Inserto porta contatti per contatti femmina torniti</i> </p>  <p>  Female crimp contacts 10A, 24 pcs Please order separately, page 01.36 <i>Contatti femmina a crimpare 10A, 24 pz</i> <i>Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti</i> <i>Vista lato terminazioni</i> </p>    <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> <i>Per uso senza custodie</i> </p>	<p>7124.4040.0</p>
<p> Contact carrier for male contacts turned <i>Inserto porta contatti per contatti maschio torniti</i> </p>  <p>  Male crimp contacts 10A, 24 pcs Please order separately, page 01.36 <i>Contatti maschio a crimpare 10A, 24 pz</i> <i>Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti</i> <i>Vista lato terminazioni</i> </p>    <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> <i>Per uso senza custodie</i> </p>	<p>7124.4140.0</p>
<p> Hood/housing size 6B «44x27» <i>Custodie grandezza 6B «44x27»</i> </p>	<p> Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. <i>Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.</i> </p>	<p> Accessories, cable glands and tools see sections 50, 55 e 60 <i>Accessori, pressacavi ed attrezzi vedere sezioni 50, 55 e 60</i> </p>

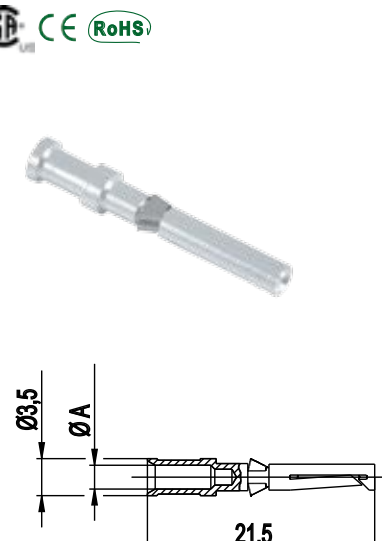
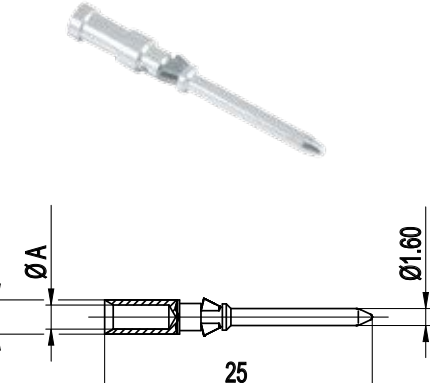
Inserts for crimp contacts <i>Inserti per contatti a crimpare</i>	Size 10B, 42p + ⊕ UL/CSA : 600 V	Part No. Codice
<p> Contact carrier for female contacts turned <i>Inserto porta contatti per contatti femmina torniti</i> </p>  <p>  Female crimp contacts 10A, 42 pcs Please order separately, page 01.36 <i>Contatti femmina a crimpare 10A, 42 pz</i> <i>Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti</i> Vista lato terminazioni </p>    <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> Per uso senza custodie </p>	<p style="text-align: center;">7142.4046.0</p>
<p> Contact carrier for male contacts turned <i>Inserto porta contatti per contatti maschio torniti</i> </p>  <p>  Male crimp contacts 10A, 42 pcs Please order separately, page 01.36 <i>Contatti maschio a crimpare 10A, 42 pz</i> <i>Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti</i> Vista lato terminazioni </p>    <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> Per uso senza custodie </p>	<p style="text-align: center;">7142.4146.0</p>
<p> Hood/housing size 10B «57x27» <i>Custodie grandezza 10B «57x27»</i> </p>	<p> Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. <i>Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.</i> </p>	<p> Accessories, cable glands and tools see sections 50, 55 e 60 <i>Accessori, pressacavi ed attrezzi vedere sezioni 50, 55 e 60</i> </p>

<p>Inserts for crimp contacts <i>Inserti per contatti a crimpare</i></p>	<p>Size 16B, 72p + ⊕</p> <p style="text-align: right;">UL/CSA : 600 V</p>	<p>Part No. <i>Codice</i></p>
<p>Contact carrier for female contacts turned <i>Inserto porta contatti per contatti femmina torniti</i></p>  <p>Female crimp contacts 10A, 72 pcs Please order separately, page 01.36</p> <p><i>Contatti femmina a crimpare 10A, 72 pz</i> <i>Da ordinare separatamente, pag. 01.36</i></p> <p></p>	<p>Contact arrangement View from termination side <i>Disposizione contatti</i> <i>Vista lato terminazioni</i></p>    <p>Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> <i>Per uso senza custodie</i></p>	<p style="text-align: center;">7172.4052.0</p>
<p>Contact carrier for male contacts turned <i>Inserto porta contatti per contatti maschio torniti</i></p>  <p>Male crimp contacts 10A, 72 pcs Please order separately, page 01.36</p> <p><i>Contatti maschio a crimpare 10A, 72 pz</i> <i>Da ordinare separatamente, pag. 01.36</i></p> <p></p>	<p>Contact arrangement View from termination side <i>Disposizione contatti</i> <i>Vista lato terminazioni</i></p>    <p>Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> <i>Per uso senza custodie</i></p>	<p style="text-align: center;">7172.4152.0</p>
<p>Hood/housing size 16B «77x27» <i>Custodie grandezza 16B «77x27»</i></p>	<p>Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. <i>Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.</i></p>	<p>Accessories, cable glands and tools see sections 50, 55 e 60 <i>Accessori, pressacavi ed attrezzi vedere sezioni 50, 55 e 60</i></p>

<p>Inserts for crimp contacts <i>Inserti per contatti a crimpare</i></p>	<p>Size 24B, 108p + ⊕</p> <p style="text-align: right;">UL/CSA : 600 V</p>	<p>Part No. <i>Codice</i></p>
<p>Contact carrier for female contacts turned <i>Inserto porta contatti per contatti femmina torniti</i></p>  <p>Female crimp contacts 10A, 108 pcs Please order separately, page 01.36</p> <p><i>Contatti femmina a crimpare 10A, 108 pz</i> <i>Da ordinare separatamente, pag. 01.36</i></p> 	<p>Contact arrangement View from termination side <i>Disposizione contatti</i> <i>Vista lato terminazioni</i></p>    <p>Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> <i>Per uso senza custodie</i></p>	<p style="text-align: center;">7108.4058.0</p>
<p>Contact carrier for male contacts turned <i>Inserto porta contatti per contatti maschio torniti</i></p>  <p>Male crimp contacts 10A, 108 pcs Please order separately, page 01.36</p> <p><i>Contatti maschio a crimpare 10A, 108 pz</i> <i>Da ordinare separatamente, pag. 01.36</i></p> 	<p>Contact arrangement View from termination side <i>Disposizione contatti</i> <i>Vista lato terminazioni</i></p>    <p>Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti</i> <i>Per uso senza custodie</i></p>	<p style="text-align: center;">7108.4158.0</p>
<p>Hood/housing size 24B «104x27» <i>Custodie grandezza 24B «104x27»</i></p>	<p>Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. <i>Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.</i></p>	<p>Accessories, cable glands and tools see sections 50, 55 e 60 <i>Accessori, pressacavi ed attrezzi vedere sezioni 50, 55 e 60</i></p>

Inserts for crimp contacts <i>Inserti per contatti a crimpare</i>	Size 32B, 144 (72x2) P + ⚡ UL/CSA : 600 V	Quantity <i>Quantità</i>	Part No. <i>Codice</i>
<p> Contact carriers for female contacts turned <i>Inserti porta contatti per contatti femmina torniti</i> </p>  <p>  Female crimp contacts 10A, 144 pcs Please order separately, page 01.36 <i>Contatti femmina a crimpare 10A, 144 pz Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti Vista lato terminazioni</i> </p>  <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti Per uso senza custodie</i> </p>	<p>x 1</p> <p>x 1</p>	<p> 7172.4052.0 Numbering <i>Numerazione 1-72</i> </p> <p> 7172.4053.0 Numbering <i>Numerazione 73-144</i> </p> <p> Remark: 2 inserts are required per hood/housing <i>Attenzione: sono necessari 2 inserti per custodia</i> </p>
<p> Contact carriers for male contacts turned <i>Inserti porta contatti per contatti maschio torniti</i> </p>  <p>  Male crimp contacts 10A, 144 pcs Please order separately, page 01.36 <i>Contatti maschio a crimpare 10A, 144 pz Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti Vista lato terminazioni</i> </p>  <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti Per uso senza custodie</i> </p>	<p>x 1</p> <p>x 1</p>	<p> 7172.4152.0 Numbering <i>Numerazione 1-72</i> </p> <p> 7172.4153.0 Numbering <i>Numerazione 73-144</i> </p> <p> Remark: 2 inserts are required per hood/housing <i>Attenzione: sono necessari 2 inserti per custodia</i> </p>
<p> Hood/housing size 32B «77x62» <i>Custodie grandezza 32B «77x62»</i> </p>	<p> Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. <i>Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.</i> </p>	<p> Accessories, cable glands and tools see sections 50, 55 e 60 <i>Accessori, pressacavi ed attrezzi vedere sezioni 50, 55 e 60</i> </p>	

Inserts for crimp contacts <i>Inserti per contatti a crimpare</i>	Size 48B, 216 (108x2) P + ⊕ UL/CSA : 600 V	Quantity <i>Quantità</i>	Part No. <i>Codice</i>
<p> Contact carriers for female contacts turned <i>Inserti porta contatti per contatti femmina torniti</i> </p>  <p>  Female crimp contacts 10A, 216 pcs Please order separately, page 01.36 <i>Contatti femmina a crimpare 10A, 216 pz Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti Vista lato terminazioni</i> </p>  <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti Per uso senza custodie</i> </p>	<p>x 1</p> <p>x 1</p>	<p> 7108.4058.0 Numbering <i>Numerazione 1-108</i> </p> <p> 7108.4059.0 Numbering <i>Numerazione 109-216</i> </p> <p> Remark: 2 inserts are required per hood/housing <i>Attenzione: sono necessari 2 inserti per custodia</i> </p>
<p> Contact carriers for male contacts turned <i>Inserti porta contatti per contatti maschio torniti</i> </p>  <p>  Male crimp contacts 10A, 216 pcs Please order separately, page 01.36 <i>Contatti maschio a crimpare 10A, 216 pz Da ordinare separatamente, pag. 01.36</i> </p>	<p> Contact arrangement View from termination side <i>Disposizione contatti Vista lato terminazioni</i> </p>  <p> Panel cut out for inserts For use without hood/housing <i>Foratura di alloggiamento inserti Per uso senza custodie</i> </p>	<p>x 1</p> <p>x 1</p>	<p> 7108.4158.0 Numbering <i>Numerazione 1-108</i> </p> <p> 7108.4159.0 Numbering <i>Numerazione 109-216</i> </p> <p> Remark: 2 inserts are required per hood/housing <i>Attenzione: sono necessari 2 inserti per custodia</i> </p>
<p> Hood/housing size 48B «104x62» <i>Custodie grandezza 48B «104x62»</i> </p>	<p> Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. <i>Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.</i> </p>	<p> Accessories, cable glands and tools see sections 50, 55 e 60 <i>Accessori, pressacavi ed attrezzi vedere sezioni 50, 55 e 60</i> </p>	

Female crimp contacts, machined Contatti femmina a crimpare, torniti	Stripping length Spellatura filo	Ø A	Wire mm ² Filo mm ²	Wire gauge Calibro filo	Part No.- Codice	
					Silver plated Argentati	Gold plated Dorati
 <p> - Material: Copper alloy Materiale: Lega di rame - Surface: Silver or gold plated Finitura: Argentati o dorati </p>	mm					
	8	0,90	0.14 - 0.37	26-22 AWG	7100.4201.0	7100.4201.1
	8	1,10	0.5	20 AWG	7100.4202.0	7100.4202.1
	8	1,30	0.75	18 AWG	7100.4203.0	7100.4203.1
	8	1,45	1.0	18 AWG	7100.4204.0	7100.4204.1
	8	1,75	1.5	16 AWG	7100.4205.0	7100.4205.1
	6	2,25	2.5	14 AWG	7100.4206.0	7100.4206.1
For the best performance and the lowest contact resistance, Westec recommends the use of manual tools, die sets and machines illustrated in the section 60 of this catalogue Per le migliori caratteristiche e la minima resistenza di contatto, si raccomanda l'utilizzo delle pinze manuali, gli applicatori e le macchine illustrate nella sezione 60 di questo catalogo						
Male crimp contacts, machined Contatti maschio a crimpare torniti	Stripping length Spellatura filo	Ø A	Wire mm ² Filo mm ²	Wire gauge Calibro filo	Part No.- Codice	
 <p> - Material: Copper alloy Materiale: Lega di rame - Surface: Silver or gold plated Finitura: Argentati o dorati </p>	mm					
	8	0,90	0.14 - 0.37	26-22 AWG	7100.4211.0	7100.4211.1
	8	1,10	0.5	20 AWG	7100.4212.0	7100.4212.1
	8	1,30	0.75	18 AWG	7100.4213.0	7100.4213.1
	8	1,45	1.0	18 AWG	7100.4214.0	7100.4214.1
	8	1,75	1.5	16 AWG	7100.4215.0	7100.4215.1
	6	2,25	2.5	14 AWG	7100.4216.0	7100.4216.1
For the best performance and the lowest contact resistance, Westec recommends the use of manual tools, die sets and machines illustrated in the section 60 of this catalogue Per le migliori caratteristiche e la minima resistenza di contatto, si raccomanda l'utilizzo delle pinze manuali, gli applicatori e le macchine illustrate nella sezione 60 di questo catalogo						
For inserts: Per inserti: S-D, S-DD, S-Q, S-QD, S-M	Dimensions in mm Part No. bold letters refer to standard availability. Normal letters refer to items on special request. Dimensioni in mm I codici in grassetto indicano i prodotti di normale disponibilità. Il carattere normale indica i prodotti speciali su richiesta.				Crimping tools: see section 60 Attrezzi per crimpare: vedere sezione 60	