



Nevado Electric de México S.A. de C.V.



Heavy Duty Connector

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¿Quiénes Somos?



Misión

Prestar un servicio de diseño eléctrico de alta calidad que optimice la disponibilidad de los recursos, minimizando los costos de mantenimiento y operación.



Objetivos Estratégicos

- Promover soluciones eficientes con impacto positivo en el medio ambiente.
- Contribuir a la rentabilidad de nuestros clientes con relaciones comerciales integrales.
- Ofrecer tecnología de vanguardia con servicio oportuno, confiable y de alto valor agregado.



Nuestros Valores

Excelencia: Procesos internos y servicios con los más altos estándares.
Trabajo en equipo: Diversidad de ideas y colaboración constante.
Integridad: Actuamos con ética y responsabilidad.
Administración eficiente: Gestión transparente, enfocada en resultados.
Cambio constante: Mejora continua mediante innovación y tecnología.
Aprendizaje: Formación constante de nuestro equipo.
Equilibrio: Fomentamos el balance entre trabajo y vida personal.



Equipo de Trabajo

Nuestro equipo está conformado por 20 ingenieros y 30 técnicos, encargados de la instalación, supervisión, asistencia técnica y mantenimiento. Invertimos más del 40% de nuestros recursos humanos y financieros en estas áreas clave. Contamos con un servicio postventa operativo los 365 días del año, con tiempos de respuesta promedio de 2 horas, incluyendo emergencias, mantenimiento preventivo y atención en planta.

Nevado Electric de México S.A. de C.V., fundada en 2007, es una empresa 100% mexicana especializada en suministrar productos eléctricos, electrónicos y soluciones integrales de alta calidad para todo tipo de industria.

Desde sus inicios, se ha enfocado en la capacitación constante de su equipo y en establecer alianzas estratégicas con marcas líderes como Schneider Electric, DEIF, ABB, Riello UPS y Danfoss, lo que permite ofrecer tecnología de punta y soluciones personalizadas. Con experiencia, infraestructura y know-how, ofrecemos soluciones para la generación, administración, transformación, transferencia, monitoreo y ahorro de energía. Todo en configuraciones de baja y media tensión, adaptándonos a las necesidades específicas de cada proyecto.

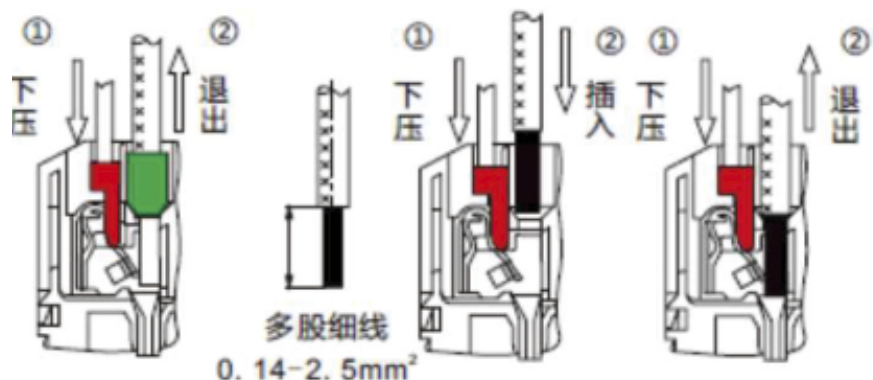
Filosofía

En Nevado Electric, buscamos dotar de soluciones integrales a los requerimientos energéticos de nuestros clientes, diseñando sistemas de alto desempeño que consideren su crecimiento a corto, mediano y largo plazo.

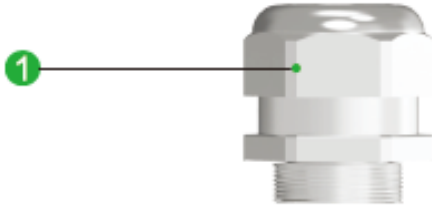
Desde nuestra fundación, hemos experimentado un proceso continuo de crecimiento, basado en el uso de

tecnología avanzada y en el cumplimiento riguroso de estándares de calidad. Más de 50 personas conforman nuestro equipo con una clara vocación por el trabajo técnico de alto nivel y la atención al cliente.

Nuestra solidez financiera y nuestra visión a largo plazo nos permiten entregar soluciones confiables y sostenibles.

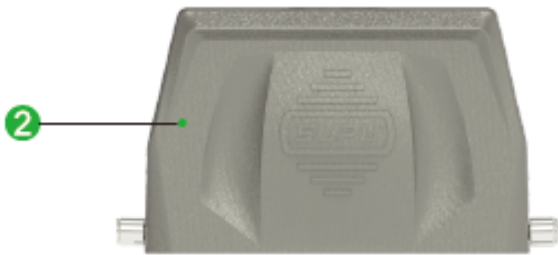


Installation Diagram



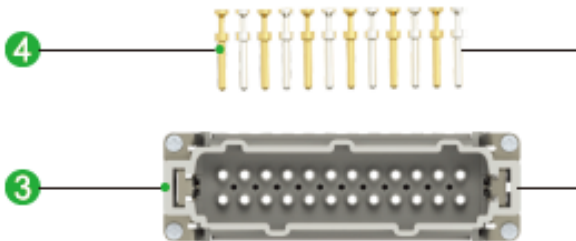
Cable Gland.

Nylon or brass nickel plated
Universal cable glands
Cable gland with normal or multiple seal
Other cable gland



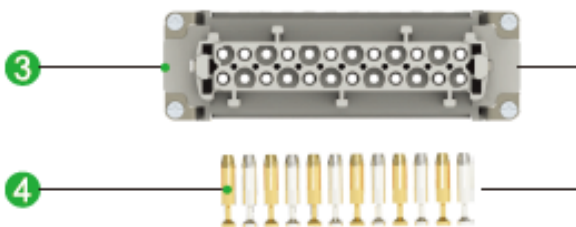
Hoods.

Low or high construction
Top or side cable entry
2 bolts or 4 bolts or 2 locking lever



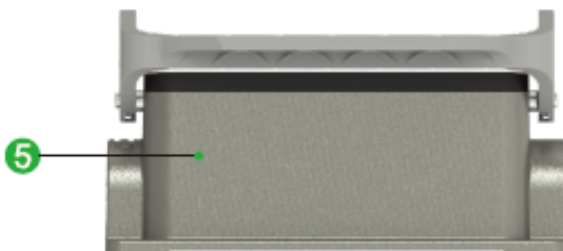
Maleinsert or Female insert.

Screw connection
Crimp connection
Spring-cage connection



Crimp contacts(only for crimp terminal insert).

Golden plated or Silver plated
Rated current: 5A, 10A, 16A, 40A

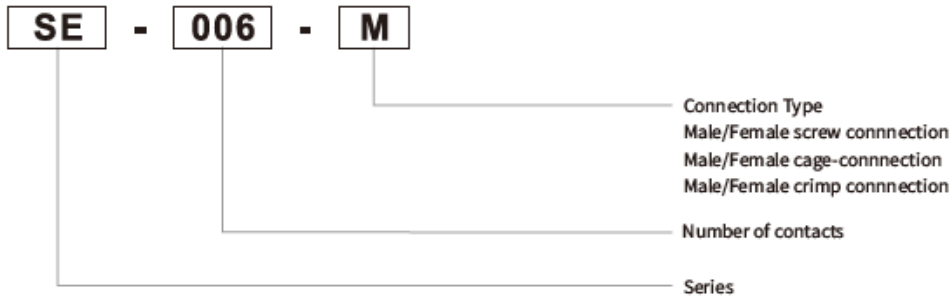


Housings.

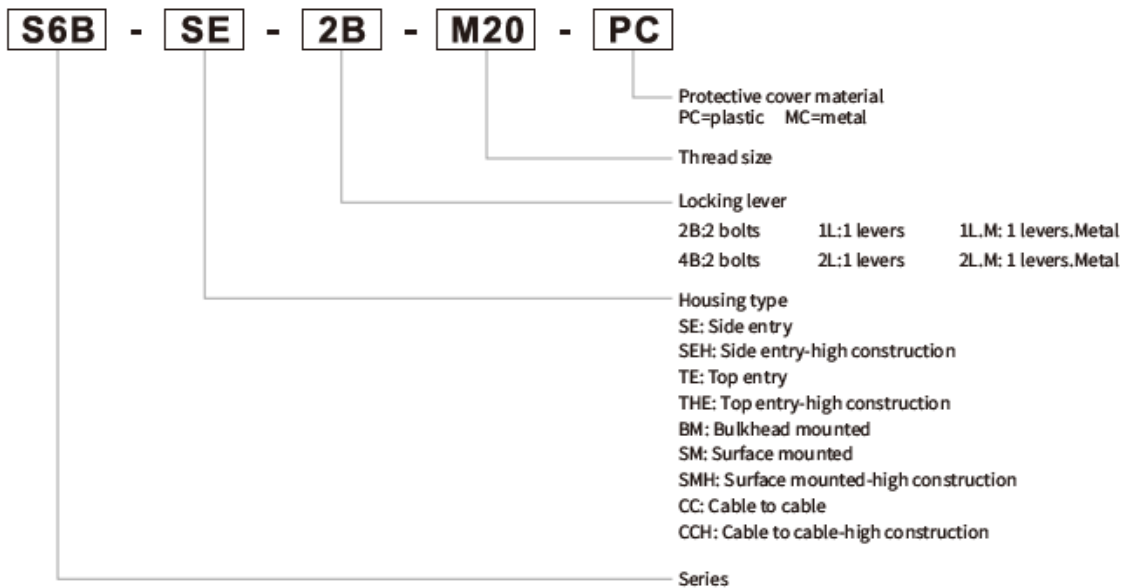
Bulkhead mounting or surface mounting or cable to cable
Low or high construction
1 or 2 locking levers or 4 bolts
With or without thermoplastic/metal covers

Selection Guide

Insert model description



Housings



Contact

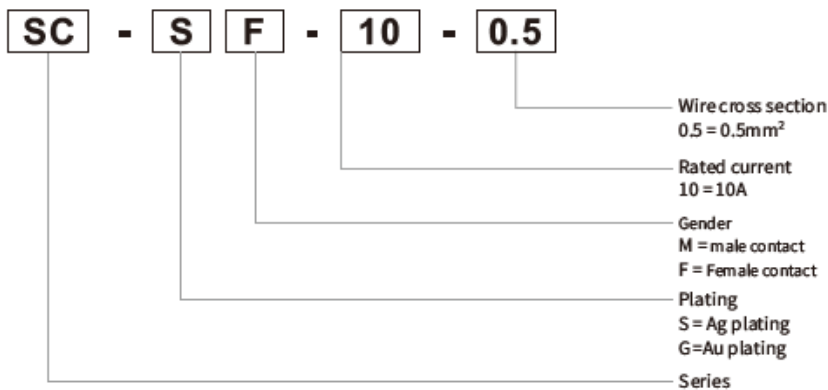
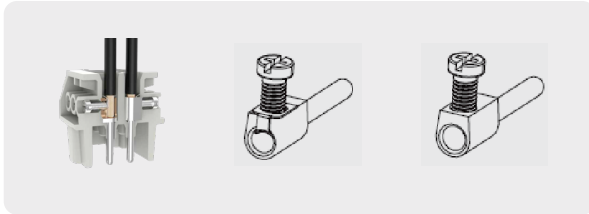


Illustration	Series																							
	A				A				D				DD				E				EE			
Number Contacts	3	4	7	8	10	16	2x16	15	25	2x25	40	64	2x40	2x64	24	42	72	108	2x72	2x108	6	10	16	24
Rated Voltage (V)	230/400	250	50	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	500	500	500	500
Rated Current (A)	10	10	10	10	16	16	16	10	10	10	10	10	10	10	10	10	10	10	10	10	16	16	16	16
Screw Connection	•	•			•	•	•		•	•			•	•							•	•	•	•
Crimping Connection			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Spring-cage Connection	•	•																			•	•	•	•
Push-in Connection																					•	•	•	•
Series	Page																							
S3A	P41-42	•	•	•	•																			
S10A	P43					•				•														
S16A	P44						•								•									
S32A	P45-46							•							•									
S6B	P47-48															•								
S10B	P49-54																•							
S16B	P55-60																•							
S24B	P61-66																	•						
S32B	P67-68																		•					
S48B	P69																			•				

Connection mode



Screw terminal

Advantage:

- Wide range of industry applications
- Crimping without special tools
- Simple operation mode
- High reliability and long working life
- The number of wiring cores 6p-48p + PE
- Product line: SA, Se and other screw series



Crimp terminal (1)

Advantage:

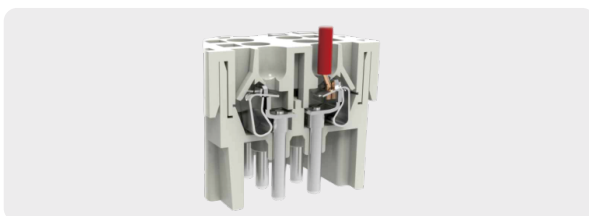
- Pre installation of wiring harness can be realized
- The same insert can be coated with different pins first
- Similar to cold welding, it ensures corrosion resistance
- Simple installation, easy maintenance
- The number of wiring cores 7p-216p + PE is available
- Product line: SD, SDD, SQ and other cold pressing series
- Accessory tools, cold press forceps and needle retractor



Crimp terminal (2)

Advantage:

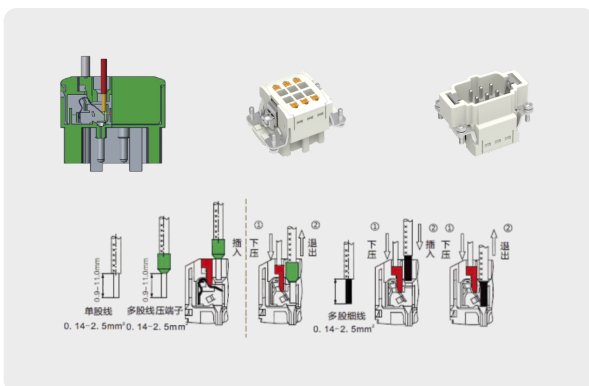
- Pre installation of wiring harness can be realized
- The same insert can be coated with different pins first
- Similar to cold welding, it ensures corrosion resistance
- Simple installation, easy maintenance
- The number of wiring cores 10p-926p + PE is available
- Good reliability and long working life
- The pin clamping point (plastic part and pin) is shown in the figure
- Product line: SE, SEE and other cold pressing series
- Accessory tools, cold press forceps and needle retractor



Cage-clamp

Advantage:

- The needle can have its own pin
- No special tools are needed for wiring
- Simple operation mode
- Suitable for vibration situation
- 6p-48p+PE can be provided
- Product line: SE cage connection series



Plug in cage-clamp

Advantage:

- Electriferous installation can be realized
- Live installation possible
- Simple installation, easy maintenance
- The number of wiring cores 6P-48P+PE is available
- Good reliability and long working life
- The pin clamping point (plastic part and pin) is shown in the figure
- Product line: SE direct insertion series

Enclosure protection class

The shell, sealing pad and lock catch on the connector are designed to protect the electrical components of the connector from external influences, such as dust, foreign matters, water, oil, moisture and other substances.

alphabetical code	First digit (protection against solid foreign matter)		Second digit (waterproof protection)	
IP	6		5	
	Number	Degree of protection	Number	Degree of protection
	0	No protection	0	No protection
	1	Large object protection (prevent $\varphi > 50\text{mm}$ foreign matters from entering)	1	Dripping protection (to prevent water from entering)
	2	Protection of medium and large objects (prevent $\varphi > 12\text{mm}$ foreign matters from entering)	2	Dripping protection (to prevent the entrance of inclined water drops with an angle of less than 15°)
	3	Small object protection (prevent $\varphi > 2.5$ objects from entering)	3	Protection against splashing (protection against water at an angle of less than 60°)
	4	Protection of solid particles (prevent $\varphi > 1\text{mm}$ figure from entering)	4	Water spray protection (prevent water spray in any direction)
	5	Dust precipitation protection (to prevent internal dust precipitation)	5	Water injection protection (to prevent water from flowing out of the spray nozzles in any direction)
	6	Dust entry protection (to prevent dust entry)	6	Super water-proof protection (prevent large amount of spray from any direction)
			7	Flooding protection (to prevent temporary flooding)
			8	Deep water protection (waterproof pressure protection)

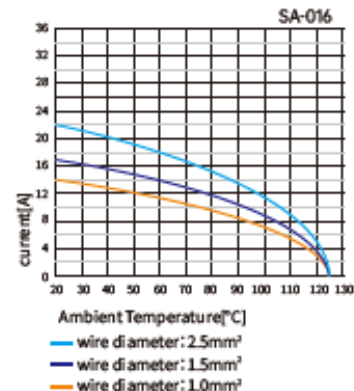
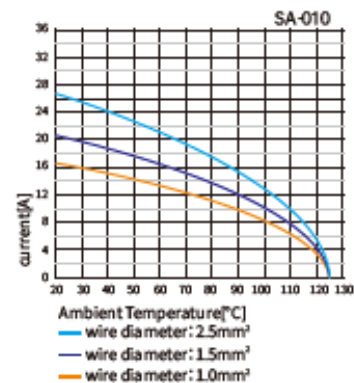
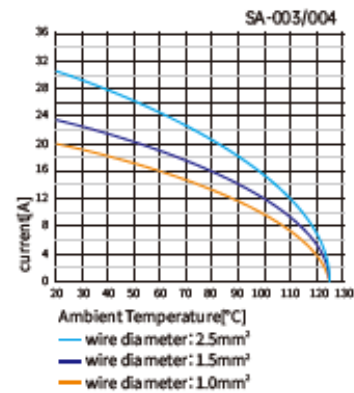
Inserts | SA SERIES(small core)

Technical characteristics	
Specifications	DIN EN60664
	DIN EN61984
Inserts	
Number of Contacts	3,4,10,16,32 (2x16) +PE
SA-003/SA-004	
Rated Current	10A
Rated Voltage Conductor-ground	230V
Rated Voltage Conductor-conductor	400V
Rated Impulse Voltage	4KV
Pollution Degree	3
Or	10A 250V 4KV 3
SA-010/SA-016	
	16A
Rated Voltage	250V
Rated Impulse voltage	4KV
Pollution Degree	3
Pollution Degree 2 Also	16A 230/400V 4KV 2
Rated 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
Mechanical Working Life-mating Cycles	≥ 500
Contacts	
Material	Copper Alloy
Surface	Gold plating
	Silver plating
Contact Resistance	$\leq 1m\Omega$
Connection type	
Screw terminal	
Wire Gauge	0.75-1.5mm ² (SA-003/SA-004)
	0.75-2.5mm ² (SA-010/SA-016)
AWG	18-16(SA-003/SA-004)
	18-14(SA-010/SA-016)
Tightening Torque	0.25Nm(SA-003/SA-004)
	0.5Nm(SA-010/SA-016)
Crimp Terminal	
Wire Gauge	0.14-4.0mm ²
AWG	26-12
Cage-clamp	
Wire Gauge	0.14-2.5mm ²
AWG	26-14

Current load capacity

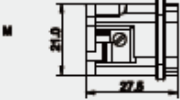
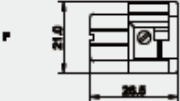
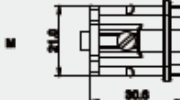
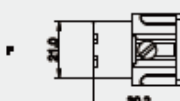
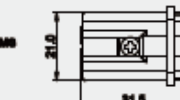
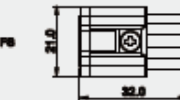
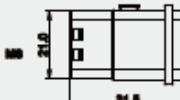
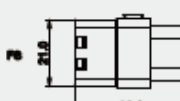
The limitation of current load capacity mainly comes from the plug-in body with pinMaximum temperature.

Test and control process according to DIN EN 60512-5



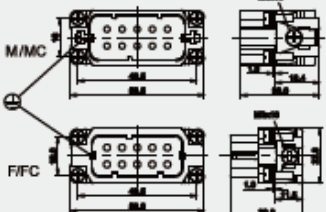
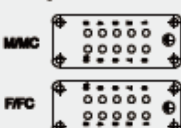
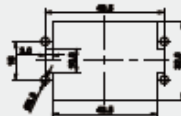
SA-003/004 The Slim Inserts 230V/400V 10A 3/4+

Shell size: Match 3A case,referto P42-P43

Screw terminal	Inserts	Model	Order No.	Drawing
	Male	SA-003	SA-003-M	Dimension and hole size  
	Female		SA-003-F	 
	Male	SA-004	SA-004-M	Dimension and hole size  
	Female		SA-004-F	 
Cage-clamp	Inserts	Model	Order No.	Drawing
	Male	SA-003	SA-003-MS	Dimension and hole size  
	Female		SA-003-FS	 
	Male	SA-004	SA-004-MS	Dimension and hole size  
	Female		SA-004-FS	 

SA-010 The Slim Inserts 250V 16A 10+

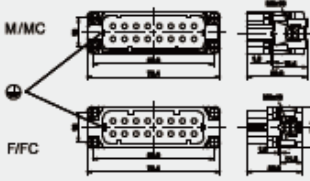
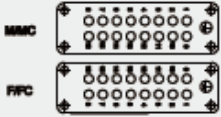
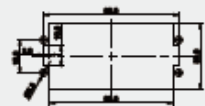
Shell size: Match 10A case, referto P43

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal 	Male	SA-010	SA-010-M	Distance for con tact max.34mm  Contact arrangement view for termination side  panel out out for use without Hoods/housings 
	Female		SA-010-F	
Crimp terminal 	Male	SA-010	SA-010-MC	Contacts drawing 
	Female		SA-010-FC	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance ≤ 1m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm² (AWG 20-12)					For: 16A cold pressing needle			

SA-016 The Slim Inserts 250V 16A 16+

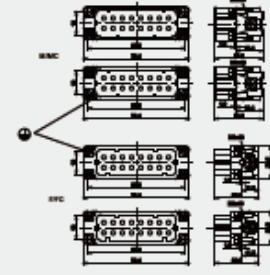
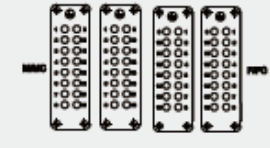
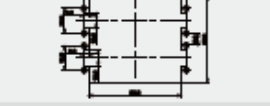
Shell size: Match 16A case, referto P44

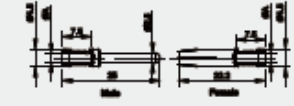
Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal 	Male	SA-016	SA-016-M	Distance for contact max.34mm 
	Female		SA-016-F	
Crimp terminal 	Male	SA-016	SA-016-MC	Contacts arrangement view for termination side  panel cut out for use without Hoods/Housings 
	Female		SA-016-FC	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		($\varnothing A$)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SA-032 The Slim Inserts 250V 16A 32+

Shell size: Match 32A case, referto P45-P46

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal 	Male	SA-032	SA-032-M	Distance for con tact max.34mm 
	Female		SA-032-F	
Crimp terminal 	Male	SA-032	SA-032-MC	Contacts arrangement view for termination side  panel cut out for use without Hoods/housings 
	Female		SA-032-FC	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance ≤ 1m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ³ (AWG 20-12)					For: 16A cold pressing needle			

SE SERIES

Technical characteristics	
Specifications	DIN EN60664
	DIN EN61984

Inserts	
---------	--

Number of Contacts	6,10,16,24,32(2x16),48(2x24)+PE
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Rated voltage according to den DEN EN 61984	
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Rated Current	16A
---------------	-----

Rated Voltage	500V
---------------	------

Rated Impulse Voltage	6KV
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Pollution Degree	3
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Pollution Degree 2 Also	16A 400V/690V 6KV 2
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Rated Voltage Acc.to UL/CSA	600V
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Insulation Resistance	$\geq 10^{10} \Omega$
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Material	Polycarbonate
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Limiting Temperatures	-40°C ~ +125°C
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Flammability Acc.to UL94	V0
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Mechanical Working Life-mating Cycles	≥ 500
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Contacts	
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Material	Copper Alloy
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Surface	Hard-gold Plated
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Hard-silver Plated

Contact resistance	$\leq 1m\Omega$
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Connection type	
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Screw terminal	
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Wire Gauge	0.14-2.5mm ²
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AWG	26-14
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Tightening Torque	0.5Nm
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Strip length	7.0mm
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Crimp terminal	
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Wire Gauge	0.14-2.5mm ²
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AWG	26-12
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Strip length	7.5mm
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Cage-clamp	
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Wire Gauge	0.14-2.5mm ²
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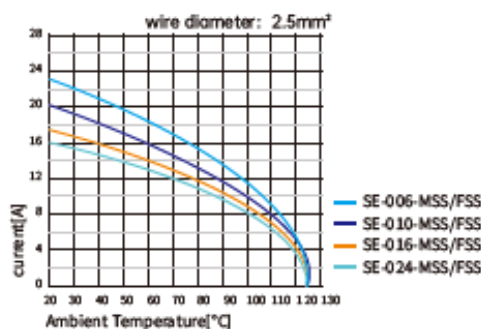
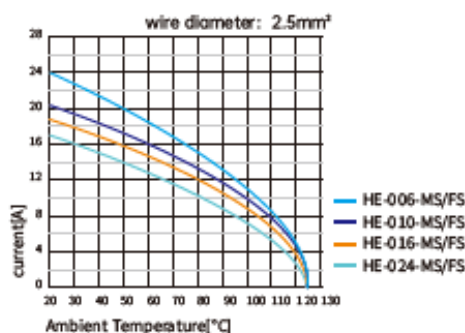
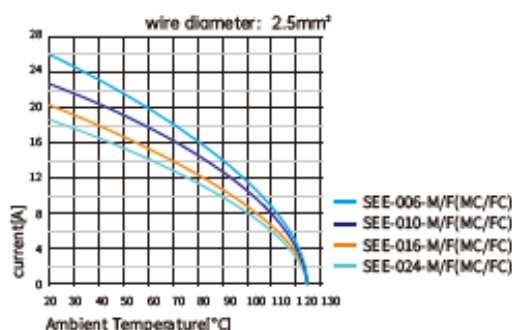
AWG	26-14
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Strip length	7-9mm
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Current load capacity

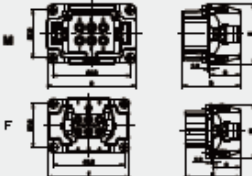
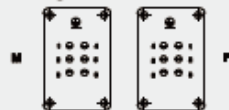
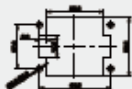
The limitation of current load capacity mainly comes from the plug-in body with pinMaximum temperature.

Test and control process according to DIN EN 60512-5



SE-006 Standard Inserts 500V 16A 6+

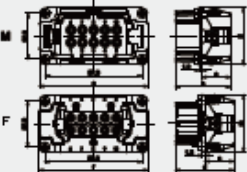
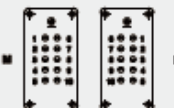
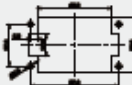
Shell size: Match 6B case, referto P47-P48

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal	Male	SE-006	SE-006-M	Distance for contact max.21mm 
	Female		SE-006-F	
Crimp terminal	Male		SE-006-MC	
	Female		SE-006-FC	
Cage-clamp	Male		SE-006-MS	Contacts arrangement view for termination side 
	Female		SE-006-FS	
Plug in cage-clamp	Male		SE-006-MZ	Panel cut out for use without Hoods/Housings 
	Female		SE-006-FZ	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		$(\varnothing A)$	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SE-010 Standard Inserts 500V 16A 10+

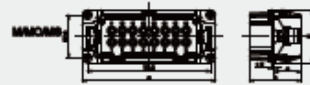
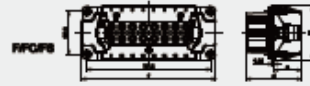
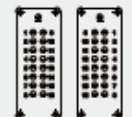
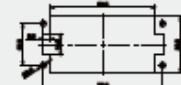
Shell size: Match 10B case, referto P49-P54

Connection mod	Inserts	Model	Order No.	Drawing																																								
Screw terminal	Male	SE-010	SE-010-M	Distance for contact max.21mm  <table border="1"><thead><tr><th></th><th>a</th><th>b</th><th>c</th><th>d</th><th>e</th><th>f</th><th>m</th></tr></thead><tbody><tr><td>SWP</td><td>16.5</td><td>22</td><td>24.5</td><td>24</td><td>16.5</td><td>24.5</td><td>24</td></tr><tr><td>MO/FO</td><td>16</td><td>22</td><td>24</td><td>24</td><td>17.5</td><td>25.5</td><td>24</td></tr><tr><td>SW/FO</td><td>16.5</td><td>22.5</td><td>24</td><td>24</td><td>16.5</td><td>25.5</td><td>24</td></tr><tr><td>MO/FZ</td><td>17.4</td><td>22.5</td><td>24</td><td>24.5</td><td>17.2</td><td>24.5</td><td>24.5</td></tr></tbody></table> Contacts arrangement view for termination side  Panel cut out for use without Hoods/Housings 		a	b	c	d	e	f	m	SWP	16.5	22	24.5	24	16.5	24.5	24	MO/FO	16	22	24	24	17.5	25.5	24	SW/FO	16.5	22.5	24	24	16.5	25.5	24	MO/FZ	17.4	22.5	24	24.5	17.2	24.5	24.5
	a		b		c	d	e	f	m																																			
SWP	16.5		22		24.5	24	16.5	24.5	24																																			
MO/FO	16		22		24	24	17.5	25.5	24																																			
SW/FO	16.5		22.5		24	24	16.5	25.5	24																																			
MO/FZ	17.4		22.5		24	24.5	17.2	24.5	24.5																																			
	Female		SE-010-F																																									
Crimp terminal	Male		SE-010-MC																																									
	Female	SE-010-FC																																										
Cage-clamp	Male	SE-010-MS																																										
	Female	SE-010-FS																																										
Plug in cage-clamp	Male	SE-010-MZ																																										
	Female	SE-010-FZ																																										

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		$(\varnothing A)$	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCGF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

Standard Inserts 500V 16A 16+

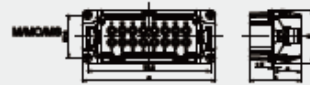
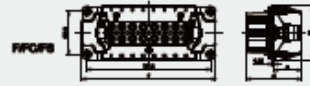
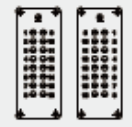
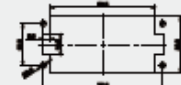
Shell size: Match 16B case, referto P55-P60

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal 	Male	SE-016	SE-016-M	Distance for contact max.21mm  
	Female		SE-016-F	
Crimp terminal 	Male		SE-016-MC	
	Female		SE-016-FC	
Cage-clamp 	Male		SE-016-MS	Contacts arrangement view for termination side 
	Female		SE-016-FS	
Plug in cage-clamp 	Male		SE-016-MZ	Panel cut out for use without Hood/housings 
	Female		SE-016-FZ	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\Omega$)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ³ (AWG 20-12)					For: 16A cold pressing needle			

Standard Inserts 500V 16A 16+

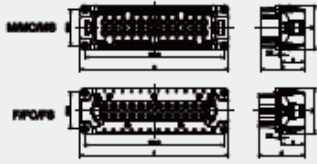
Shell size: Match 16B case, referto P55-P60

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal 	Male	SE-016	SE-016-M	Distance for contact max.21mm  
	Female		SE-016-F	
Crimp terminal 	Male		SE-016-MC	
	Female		SE-016-FC	
Cage-clamp 	Male		SE-016-MS	Contacts arrangement view for termination side 
	Female		SE-016-FS	
Plug in cage-clamp 	Male		SE-016-MZ	Panel cut out for use without Hood/housings 
	Female		SE-016-FZ	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ³ (AWG 20-12)					For: 16A cold pressing needle			

SE-24 Standard Inserts 500V 16A 24+

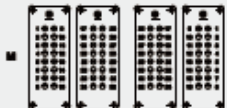
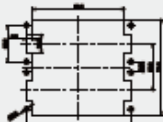
Shell size: Match 24B case, referto P61-P66

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal	Male	SE-024	SE-024-M	Distance for contact max.21mm 
	Female		SE-024-F	
Crimp terminal	Male		SE-024-MC	
	Female		SE-024-FC	
Cage-clamp	Male		SE-024-MS	Contacts arrangement view for termination side 
	Female		SE-024-FS	
Plug in cage-clamp	Male		SE-024-MZ	Panel cut out for use without Hoods/Housings 
	Female		SE-024-FZ	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\Omega$)								
Contacts	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SE-032 Standard Inserts 500V 16A 32+

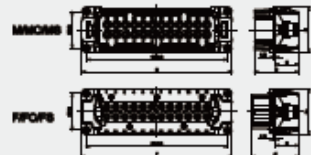
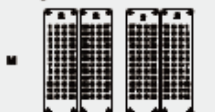
Shell size: Match 32B case, referto P67-P68

Connection mod	Inserts	Model	Order No.	Drawing
Screw terminal	Male	SE-032	SE-032-M	Distance for contact max.21mm 
	Female		SE-032-F	
Crimp terminal	Male		SE-032-MC	
	Female		SE-032-FC	
Cage-clamp	Male		SE-032-MS	Contacts arrangement view for termination side 
	Female		SE-032-FS	
Plug in cage-clamp	Male		SE-032-MZ	Panel cut out for use without Hood/housings 
	Female		SE-032-FZ	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SE-048 Standard Inserts 500V 16A 48+

Shell size: Match 48B case, referto P69

Connection mod	Inserts	Model	Order No.	Drawing																																								
Screw terminal	Male	SE-048	SE-048-M	Distance for contact max.21mm  <table border="1"><thead><tr><th></th><th>a</th><th>b</th><th>c</th><th>d</th><th>e</th><th>f</th><th>m</th></tr></thead><tbody><tr><td>MP</td><td>17</td><td>22.5</td><td>111</td><td>22.5</td><td>17</td><td>24.5</td><td>111</td></tr><tr><td>MCFC</td><td>18.5</td><td>23.5</td><td>111</td><td>24</td><td>18.5</td><td>25.5</td><td>111</td></tr><tr><td>MPF9</td><td>18.5</td><td>23.5</td><td>111</td><td>24</td><td>18.5</td><td>25.5</td><td>111</td></tr><tr><td>MPF2</td><td>17.5</td><td>22.5</td><td>111</td><td>22.5</td><td>17.5</td><td>24.5</td><td>111</td></tr></tbody></table> Contacts arrangement view for termination side  Panel cut out for use without Hoods/Housings 		a	b	c	d	e	f	m	MP	17	22.5	111	22.5	17	24.5	111	MCFC	18.5	23.5	111	24	18.5	25.5	111	MPF9	18.5	23.5	111	24	18.5	25.5	111	MPF2	17.5	22.5	111	22.5	17.5	24.5	111
	a		b		c	d	e	f	m																																			
MP	17		22.5		111	22.5	17	24.5	111																																			
MCFC	18.5		23.5		111	24	18.5	25.5	111																																			
MPF9	18.5		23.5		111	24	18.5	25.5	111																																			
MPF2	17.5		22.5		111	22.5	17.5	24.5	111																																			
	Female		SE-048-F																																									
Crimp terminal	Male		SE-048-MC																																									
	Female	SE-048-FC																																										
Cage-clamp	Male	SE-048-MS																																										
	Female	SE-048-FS																																										
Plug in cage-clamp	Male	SE-048-MZ																																										
	Female	SE-048-FZ																																										

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

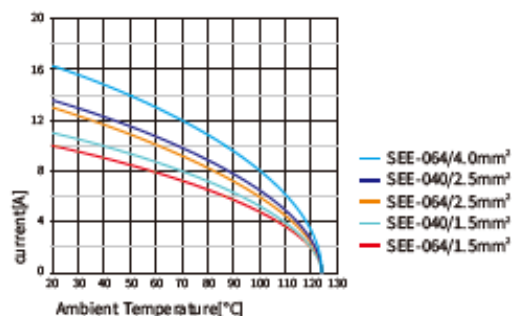
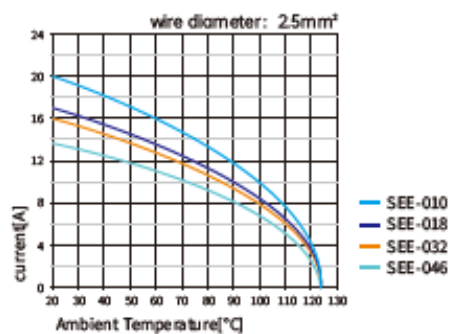
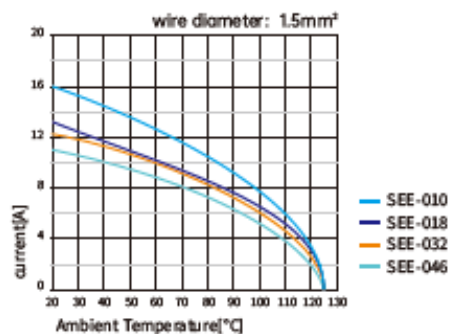
SEE SERIES

Technical characteristics	
Specifications	DIN EN60664
	DIN EN61984
Inserts	
Number of Contacts	10,18,32,46,64(2x32),92(2x46)+PE
Rated voltage according to den DEN EN 61984	
	16A
Rated Voltage	500V
Rated Impulse Voltage	6KV
Pollution Degree	3
Pollution Degree 2 Also	16A 800V 8KV 2
Rated 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
Mechanical Working Life-mating Cycles	≥ 500
Contacts	
Material	Copper Alloy
Surface	Hard-gold Plated
	Hard-silver Plated
Contact Resistance	$\leq 1m\Omega$
Connection type	
Crimp terminal	
Wire Gauge	0.14-4mm ²
AWG	26-12
Strip length	7.5mm

Current load capacity

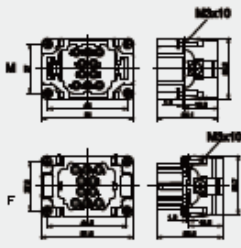
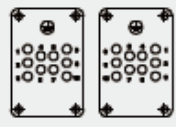
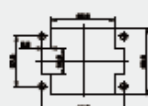
The limitation of current load capacity mainly comes from the plug-in body with pinMaximum temperature.

Test and control process according to DIN EN 60512-5



SEE-010 High-density Inserts 500V 16A 10+

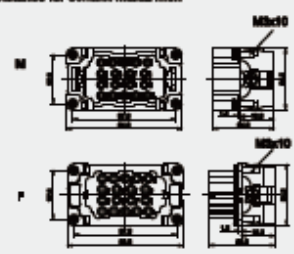
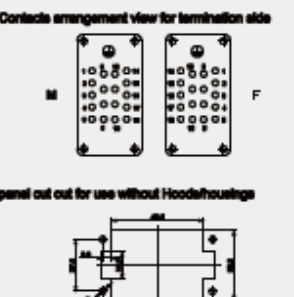
Shell size: Match 6B case, referto P47-P48

Connection mod	Inserts	Model	Order No.	Drawing
冷压连接 Crimp terminal	Male	SEE-010	SEE-010-MC	Distance for contact max.21mm  Contacts arrangement view for termination side  panel cut out for use without Hoods/housings 
	Female		SEE-010-FC	

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance $\leq 1m\ \Omega$)								
Contacts	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SEE-018 High-density Inserts 500V 16A 18+

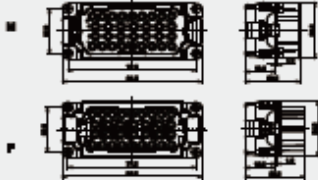
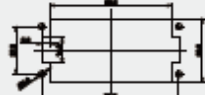
Shell size: Match 10B case, referto P49-P54

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SEE-018	SEE-018-MC	Distance for contact max.21mm 
	Female		SEE-018-FC	Contacts arrangement view for termination side 

Accessories					Contacts drawing			
16A cold pressing needle (contact resistance $\leq 1m\Omega$)								
Contacts	Silver-plated		Gold-plated		$(\varnothing A)$	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire: 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SEE-032 High-density Inserts 500V 16A 32+

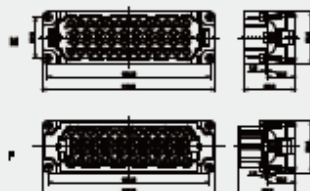
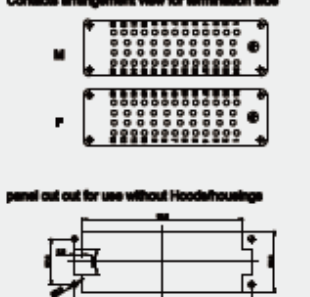
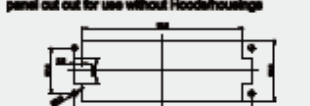
Shell size: Match 16B case, referto P55-P60

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal 	Male	SEE-032	SEE-032-MC	Distance for contact max.21mm 
	Female		SEE-032-FC	Contacts arrangement view for termination side  panel cut out for use without Hoodshousings 

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance ≤ 1m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool				Removal tool				
								
Order No: SL-4.0				Order No: ST-16A				
The diameter of the crimping wire : 0.5-4.0mm² (AWG20-12)				For: 16A cold pressing needle				

SEE-046 High-density Inserts 500V 16A 46+

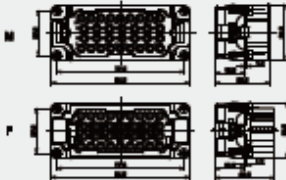
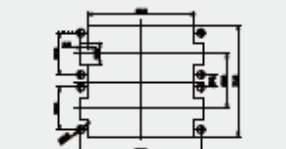
Shell size: Match 24B case, referto P61-P66

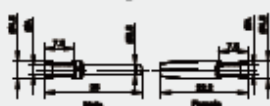
Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SEE-046	SEE-046-MC	Distance for contact max.21mm 
	Female		SEE-046-FC	Contacts arrangement view for termination side  panel cut out for use without Hoods/Housings 

Accessories					Contacts drawing			
16A cold pressing needle (contact resistance $\leq 1m\Omega$)								
Contacts	Silver-plated		Gold-plated		$(\varnothing A)$	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-16A			
The diameter of the crimping wire: 0.5-4.0mm ² (AWG 20-12)					For: 16A cold pressing needle			

SEE-064 High-density Inserts 500V 16A 64+

Shell size: Match 32B case, referto P67-P68

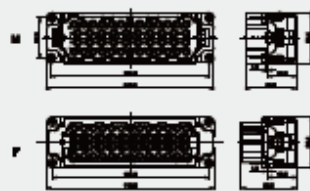
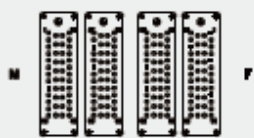
Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SEE-064	SEE-064-MC	Distance for contact max.21mm  Contacts arrangement view for termination side 
	Female		SEE-064-FC	panel cut out for use without Hoodshousings 

Accessories					Contacts drawing			
16A cold pressing needle(contact resistance ≤ 1m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm

Tools	
Crimping tool  Order No: SL-4.0 The diameter of the crimping wire : 0.5-4.0mm² (AWG20-12)	Removal tool  Order No: ST-16A For: 16A cold pressing needle

SEE-092 High-density Inserts 500V 16A 92+

Shell size: Match 48B case, referto P69

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal 	Male	SEE-092	SEE-092-MC	Distance for contact max.21mm  Contacts arrangement view for termination side 
	Female		SEE-092-FC	panel cut out for use without Hoodshousings 

Accessories					Contacts drawing			
16A cold pressing needle (contact resistance $\leq 1m\ \Omega$)								
Contacts 	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37	0.9	0.14-0.37	26-22	7.5mm
	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5	1.1	0.5	20	7.5mm
	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75	1.3	0.75	18	7.5mm
	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1	1.45	1	18	7.5mm
	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5	1.75	1.5	16	7.5mm
	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCSF-016-2.5	2.25	2.5	14	7.5mm
	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4	2.85	4	12	7.5mm
Tools								
Crimping tool 					Removal tool 			
Order No: SL-4.0 The diameter of the crimping wire: 0.5-4.0mm ² (AWG 20-12)					Order No: ST-16A For: 16A cold pressing needle			

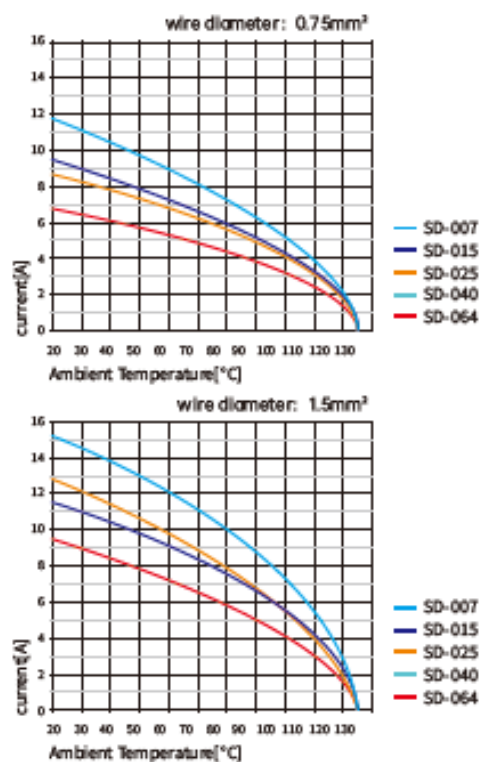
SD SERIES

Technical characteristics	
Specifications	DIN EN60664
	DIN EN61984
Inserts	
Number of Contacts	7,8,15,40,50(2x25),64,80(2x40),128(2x64)+PE
Rated voltage according to den DEN EN 61984	
Rated Current	10A
Rated Voltage	250V
Rated Impulse Voltage	4KV
Pollution Degree	3
Pollution Degree 2 Also	10A 230V/400 4KV 2
Rated Voltage Acc.to UL/CSA	600V
Rated voltage of winding connection according to CSA	2A 30V
SD-008 Number of Electrical wires of sd-800	
Rated Current	10A
Rated Voltage	~ 50V/-120V
Rated Impulse Voltage	0.8KV
Pollution Degree	3
Rated Voltage Acc.to UL/CSA	50V
Rated Voltage(DC voltage)	120V
Insulation Resistance	$\geq 10^{10}\Omega$
Material	Polycarbonate
Limiting Temperatures	-40°C ~ +125°C
Flammability Acc.to UL94	V0
Mechanical Working Life-mating Cycles	≥ 500
Contacts	
Material	Copper Alloy
Surface	Hard-gold Plated
	Hard-silver Plated
Wire Gauge	$\leq 3\text{mm}\Omega$
Connection type	
Crimp terminal	
Wire Gauge	0.14-2.5mm ²
AWG	26-14

Current load capacity

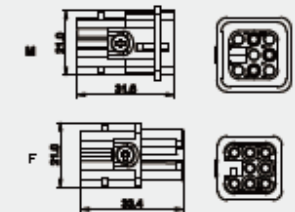
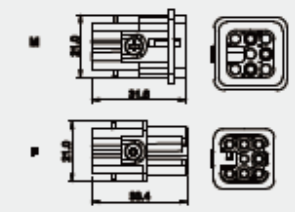
The limitation of current load capacity mainly comes from the plug-in body with pinMaximum temperature.

Test and control process according to DIN EN 60512-5



SD-007 Utar-high density Inserts 250V 10A7+ SD-008 Utar-high density Inserts-120V/~50V

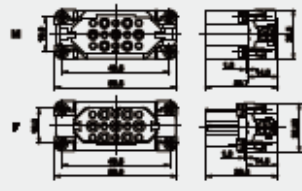
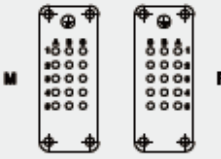
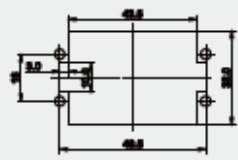
Shell size: Match 3A case, referto P41-P42

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-007	SD-007-MC	Dimension and hole size 
	Female		SD-007-FC	
Crimp terminal	Male	SD-008	SD-008-MC	Dimension and hole size 
	Female		SD-008-FC	

Accessories					Contacts drawing			
10A cold pressing needle (contact resistance $\leq 3m\Omega$)								
Contacts	Silver-plated		Gold-plated		($\varnothing A$)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCGF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire: 0.5-4.0mm ² (AWG 20-12)					For: 10A cold pressing needle			

SD-015 Utar-high density Inserts 250V 10A 15+

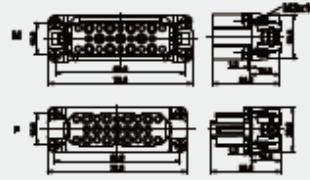
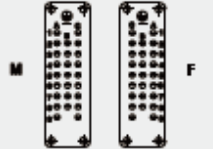
Shell size: Match 10A case, referto P43

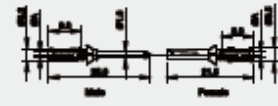
Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-015	SD-015-MC	Distance for contact max.24mm  Contacts engagement view for termination side  panel out out for use without Hoodshousings 
	Female		SD-015-FC	

Accessories					Contacts drawing					
10A cold pressing needle(contact resistance ≤ 3m Ω)										
	Silver-plated		Gold-plated		(∅A)	Wire gauge		Strip length (mm)		
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)			
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37		0.9	0.14-0.37		26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5		1.1	0.5		20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75		1.3	0.75		18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1		1.45	1		18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5		1.75	1.5		16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5		2.25	2.5		14	6.0mm
Tools										
Crimping tool					Removal tool					
										
Order No: SL-4.0					Order No: ST-10A					
The diameter of the crimping wire : 0.5-4.0mm² (AWG 20-12)					For: 10A cold pressing needle					

SD-025 Utar-high density Inserts 250V 10A

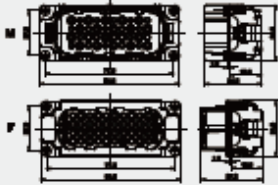
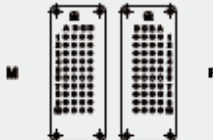
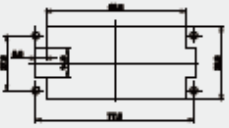
Shell size: Match 16A case, referto P44

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-025	SD-025-MC	Distance for con tact max.24mm  Contacts arrangement view for termination side 
	Female		SD-025-FC	panel out out for use without Hoods/coverings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire: 0.5-4.0mm²(AWG 20-12)					For: 10A cold pressing needle			

SD-040 Utar-high density Inserts 250V 10A

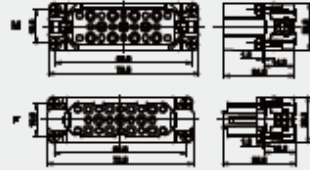
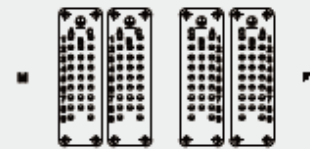
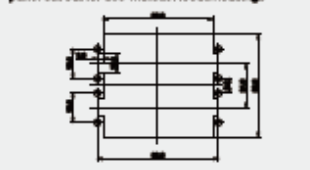
Shell size: Match 16B case, referto P55-P60

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-040	SD-040-MC	Distance for contact max.24mm  Contacts arrangement view for termination side 
	Female		SD-040-FC	panel cut out for use without Hood/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire : 0.5-4.0mm² (AWG20-12)					For: 10A cold pressing needle			

SD-050 Utar-high density Inserts 250V 10A 50+

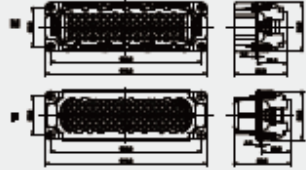
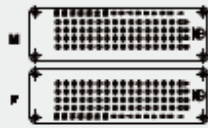
Shell size: Match 32A case, referto P45-P46

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-050	SD-050-MC	Distance for contact max.34mm  Contacts arrangement view for termination side 
	Female		SD-050-FC	panel cut out for use without Hoods/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire: 0.5-4.0mm ³ (AWG 20-12)					For: 10A cold pressing needle			

SD-064 Utar-high density Inserts 250V 10A 64+

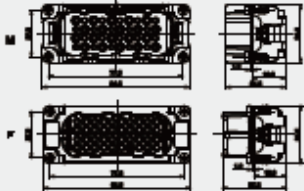
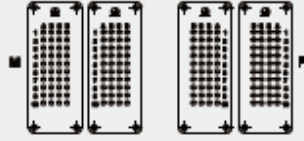
Shell size: Match 24B case, referto P61-P66

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-064	SD-064-MC	Distance for contact max.24mm  Contacts arrangement view for termination side 
	Female		SD-064-FC	panel cut out for use without Hoods/Housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCGF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire : 0.5-4.0mm² (AWG 20-12)					For: 10A cold pressing needle			

SD-080 Utar-high density Inserts 250V 10A 80+

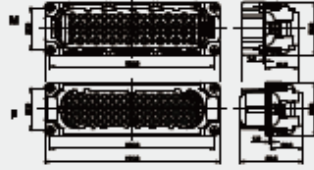
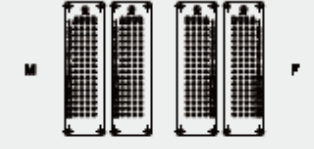
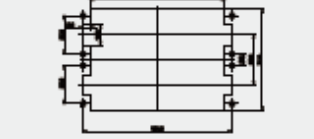
Shell size: Match 32B case, referto P67-P68

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal 	Male	SD-080	SD-080-MC	Distance for contact max.24mm  Contacts arrangement view for termination side 
	Female		SD-080-FC	panel out out for use without Hood/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance $\leq 3m\Omega$)								
Contacts 	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCGF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool 					Removal tool 			
Order No: SL-4.0 The diameter of the crimping wire: 0.5-4.0mm²(AWG 20-12)					Order No: ST-10A For: 10A cold pressing needle			

SD-128 Utar-high density Inserts 250V 10A 128+

Shell size: Match 48B case, referto P69

Connection mod	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SD-128	SD-128-MC	Distance for con tact max.24mm 
	Female		SD-128-FC	Contacts arrangement view for termination side  panel out cut for use without Hoods/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire : 0.5-4.0mm² (AWG 20-12)					For: 10A cold pressing needle			

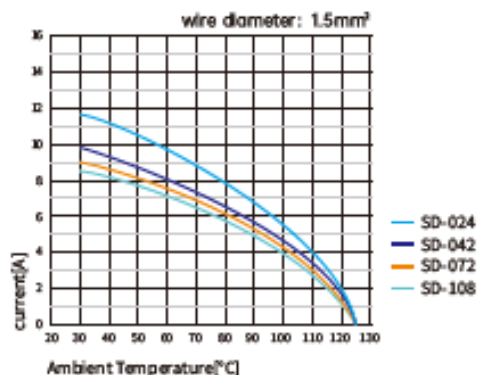
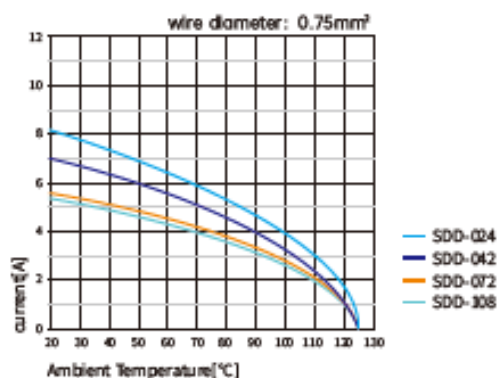
SDD SERIES

Technical characteristics	
Specifications	DIN EN60664 DIN EN61984
Inserts	
Number of Contacts	24,42,72,108,144(2x72),216(2x108)+PE
Rated voltage according to den DEN EN 61984	
Rated Current	10A
Rated Voltage	250V
Rated Impulse Voltage	4KV
Pollution Degree	3
Pollution Degree 2 Also	10A 230/400V 4KV 2
Rated Voltage Acc.to UL/CSA	600V
Material	Polycarbonate
Insulation Resistance	$\geq 10^{10} \Omega$
Limiting Temperatures	-40°C ~ +125°C
Flammability Acc.to UL94	V0
Mechanical Working Life-mating Cycles	≥ 500
Contacts	
Material	Copper Alloy
Surface	Hard-gold Plated Hard-silver Plated
Contact Resistance	$\leq 3m\Omega$
Connection type	
Crimp terminal	
Wire Gauge	0.14-2.5mm ²
AWG	26-14

Current load capacity

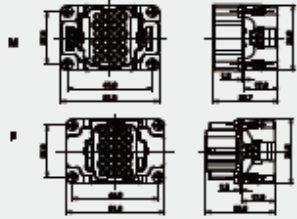
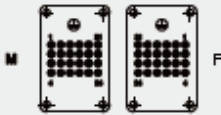
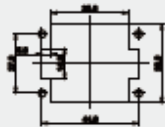
The limitation of current load capacity mainly comes from the plug-in body with pinMaximum temperature.

Test and control process according to DIN EN 60512-5



SDD-024 Utar-high density Inserts 250V 10A 24+

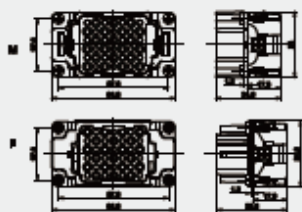
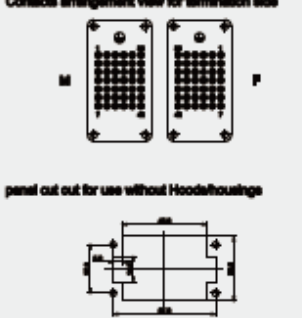
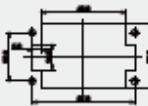
Shell size: Match 6B case, referto P47-P48

Connection mode	Inserts	Model	Order No.	Drawing
Crimp terminal 	Male	SDD-024	SDD-024-MC	Distance for contact max.21mm 
	Female		SDD-024-FC	Contacts arrangement view for termination side  panel cut out for use without Hood/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire : 0.5-4.0mm² (AWG 20-12)					For: 10A cold pressing needle			

SDD-042 Utar-high density Inserts 250V 10A 42+

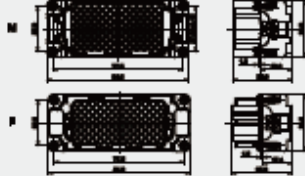
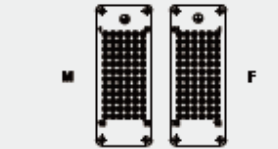
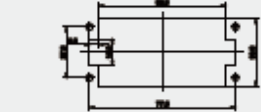
Shell size: Match 10B case, referto P49-P54

Connection mode	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SDD-042	SDD-042-MC	Distance for contact max.21mm 
	Female		SDD-042-FC	Contacts arrangement view for termination side  panel cut out for use without Hood/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance $\leq 3m\Omega$)								
Contacts	Silver-plated		Gold-plated		(A)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire: 0.5-4.0mm ² (AWG 20-12)					For: 10A cold pressing needle			

SDD-072 Utar-high density Inserts 250V 10A 72+

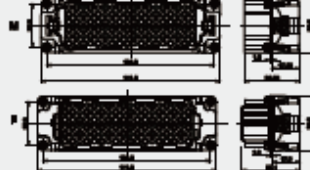
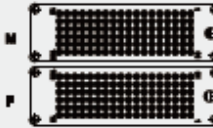
Shell size: Match 16B case, referto P55-P60

Connection mode	Inserts	Model	Order No.	Drawing
Crimp terminal 	Male	SDD-072	SDD-072-MC	Distance for contact max.21mm 
	Female		SDD-072-FC	Contacts arrangement view for termination side  panel cut out for use without Hood/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance $\leq 3m\Omega$)								
Contacts 	Silver-plated		Gold-plated		(ØA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool 					Removal tool 			
Order No: SL-4.0 The diameter of the crimping wire : 0.5-4.0mm²(AWG 20-12)					Order No: ST-10A For: 10A cold pressing needle			

SDD-108 Utar-high density Inserts 250V 10A 108+

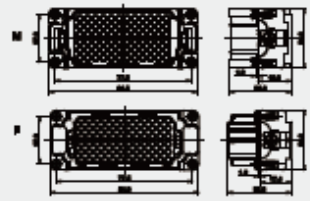
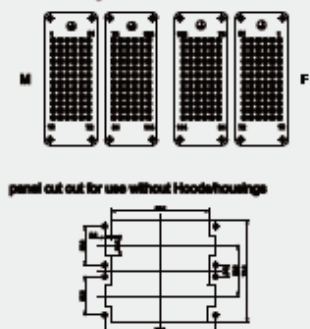
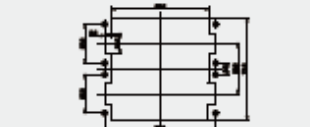
Shell size: Match 24B case, referto P61-P66

Connection mode	Inserts	Model	Order No.	Drawing
Crimp terminal 	Male	SDD-108	SDD-108-MC	Distance for contact max.21mm 
	Female		SDD-108-FC	Contacts arrangement view for termination side  panel cut out for use without Hood/housing 

Accessories					Contacts drawing			
10A cold pressing needle (contact resistance $\leq 3m\Omega$)								
Contacts 	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCGF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool 					Removal tool 			
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire: 0.5-4.0mm ² (AWG 20-12)					For: 10A cold pressing needle			

SDD-144 Utar-high density Inserts 250V 10A 144+

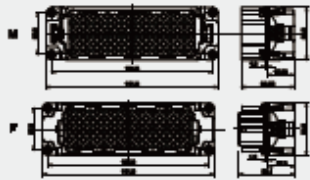
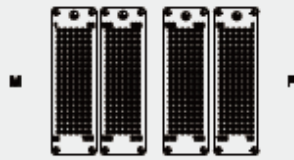
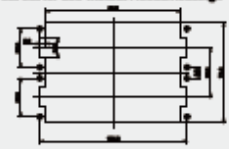
Shell size: Match 32B case, referto P67-P68

Connection mode	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SDD-144	SDD-144-MC	Distance for contact max.21mm 
	Female		SDD-144-FC	Contacts arrangement view for termination side  panel out out for use without Hoods/Housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance $\leq 3m\Omega$)								
Contacts	Silver-plated		Gold-plated		(A)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm ²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire : 0.5-4.0mm ² (AWG20-12)					For: 10A cold pressing needle			

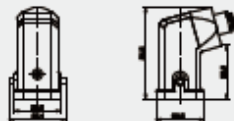
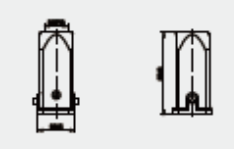
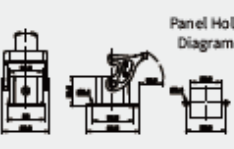
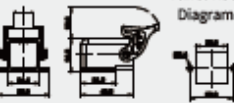
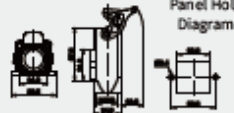
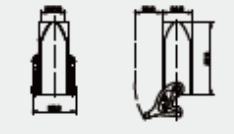
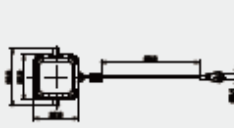
SDD-216 Utar-high density Inserts 250V 10A 216+

Shell size: Match 48B case, referto P69

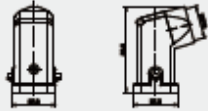
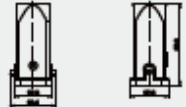
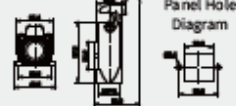
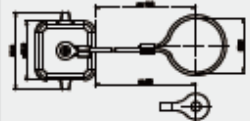
Connection mode	Inserts	Model	Order No.	Drawing
Crimp terminal	Male	SDD-216	SDD-216-MC	Distance for contact max.21mm  Contacts arrangement view for termination side 
	Female		SDD-216-FC	panel cut out for use without Hoods/housings 

Accessories					Contacts drawing			
10A cold pressing needle(contact resistance ≤ 3m Ω)								
Contacts	Silver-plated		Gold-plated		(øA)	Wire gauge		Strip length (mm)
	Part Number (Male)	Part Number (Female)	Part Number (Male)	Part Number (Female)		(mm²)	(AWG)	
	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37	0.9	0.14-0.37	26-22	8.0mm
	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5	1.1	0.5	20	8.0mm
	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75	1.3	0.75	18	8.0mm
	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1	1.45	1	18	8.0mm
	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5	1.75	1.5	16	8.0mm
	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCSF-010-2.5	2.25	2.5	14	6.0mm
Tools								
Crimping tool					Removal tool			
								
Order No: SL-4.0					Order No: ST-10A			
The diameter of the crimping wire: 0.5-4.0mm²(AWG 20-12)					For: 10A cold pressing needle			

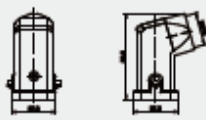
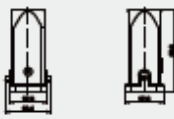
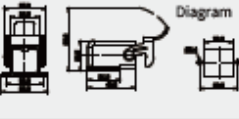
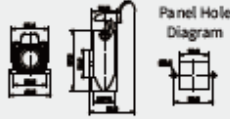
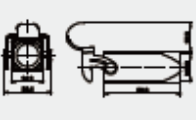
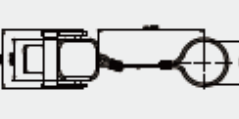
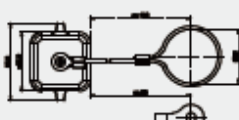
S3A plastic shell (protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S3A.P-SE-2B-M20 S3A.P-SE-2B-PG11	M20/PG11	
	(Hoods,top entry)	S3A.P-TE-2B-M20 S3A.P-TE-2B-PG11	M20/PG11	
	(Housings, bulkhead mounting)	S3A.P-BM-1L	/	
	(Housings, bulkhead mounting)	S3A.P-BM-1L-SE	/	
	(Housings, surface mounting)	S3A.P-SF-1L-M20 S3A.P-SF-1L-PG11	M20/PG11	
	(Housings, cable to cable)	S3A.P-CC-1L-M20 S3A.P-CC-1L-PG11	M20/PG11	
	(Protection)	S3A-PC-1L/1M (For male insert) S3A-PC-1L/1F (For fomale insert)		
	(Protection)	S3A-PC-2B/1M (For male insert) S3A-PC-2B/2M (For male insert) S3A-PC-2B/1F (For fomale insert) S3A-PC-2B/2F (For fomale insert)		

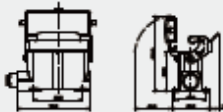
S3A metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S3A-SE-2B-M20 S3A-SE-2B-PG11 S3A-SE-2B-PG13.5	M20 PG11 PG13.5	
	(Hoods,top entry)	S3A-TE-2B-M20 S3A-TE-2B-PG11 S3A-TE-2B-PG13.5	M20 PG11 PG13.5	
	(Housings, bulkhead mounting)	S3A-BM-1L.M	/	 Panel Hole Diagram
	(Housings, bulkhead mounting)	S3A-BM1LM-MC/F S3A-BM1LM-MC/M	/	 Panel Hole Diagram
	(Housings, surface mounting)	S3A-BM-1L.M-SE	/	 Panel Hole Diagram
	(Housings, surface mounting)	S3A-SF-1L.M-M20 S3A-SF-1L.M-PG11 S3A-SF-1L.M-PG13.5	M20 PG11 PG13.5	 Panel Hole Diagram
	(Housings, cable to cable)	S3A-CC-1L-M20 S3A-CC-1L-PG11 S3A-CC-1L-PG13.5	M20 PG11 PG13.5	
	(Protection)	S3A-MC-1L/1M (For male insert) S3A-MC-1L/1F (For fomale insert)		
	(Protection)	S3A-MC-2B/1M (For male insert) S3A-MC-2B/2M (For male insert) S3A-MC-2B/1F (For fomale insert) S3A-MC-2B/2F (For fomale insert)		

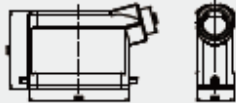
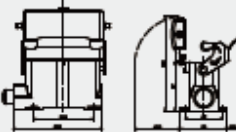
S10A metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S3A-SE-2B-M20 S3A-SE-2B-PG11 S3A-SE-2B-PG13.5	M20 PG11 PG13.5	
	(Hoods,top entry)	S3A-TE-2B-M20 S3A-TE-2B-PG11 S3A-TE-2B-PG13.5	M20 PG11 PG13.5	
	(Housings, bulkhead mounting)	S3A-BM-1L.M	/	
	(Housings, bulkhead mounting)	S3A-BM1LM-MC/F S3A-BM1LM-MC/M	/	
	(Housings, surface mounting)	S3A-BM-1L.M-SE	/	
	(Housings, surface mounting)	S3A-SF-1L.M-M20 S3A-SF-1L.M-PG11 S3A-SF-1L.M-PG13.5	M20 PG11 PG13.5	
	(Housings, cable to cable)	S3A-CC-1L-M20 S3A-CC-1L-PG11 S3A-CC-1L-PG13.5	M20 PG11 PG13.5	
	(Protection)	S3A-MC-1L/1M (For male insert) S3A-MC-1L/1F (For fomale insert)		
	(Protection)	S3A-MC-2B/1M (For male insert) S3A-MC-2B/2M (For male insert) S3A-MC-2B/1F (For fomale insert) S3A-MC-2B/2F (For fomale insert)		

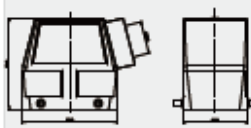
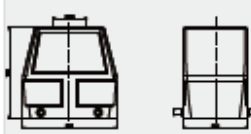
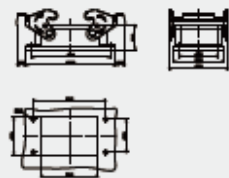
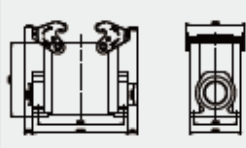
S10A metal enclosure (protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S10A-SE-2B-M20 S10A-SE-2B-PG16	M20 PG16	
	(Hoods,side entry, high construction)	S10A-SEH-2B-M25 S10A-SEH-2B-PG16 S10A-SEH-2B-PG21	M25 PG16 PG21	
	(Hoods,top entry)	S10A-TE-2B-M20 S10A-TE-2B-PG16	M20 PG16	
	(Hoods,top entry, high construction)	S10A-TEH-2B-M25 S10A-TEH-2B-PG16 S10A-TEH-2B-PG21	M25 PG16 PG21	
	(Housings, bulkhead mounting)	S10A-BM-1LM With plastic cover S10A-BM-1LM-PC With metal cover S10A-BM-1LM-MC	/	
	(Housings, surface mounting)	S10A-SM-1LM-M20 S10A-SM-1LM-2M20 S10A-SM-1LM-M25 S10A-SM-1LM-PG16 S10A-SM-1LM-2PG16 S10A-SM-1LM-PG21 With plastic cover S10A-SM-1LM-M20-PC S10A-SM-1LM-2M20-PC S10A-SM-1LM-M25-PC S10A-SM-1LM-PG16-PC S10A-SM-1LM-2PG16-PC S10A-SM-1LM-PG21-PC With metal cover S10A-SM-1LM-M20-MC S10A-SM-1LM-2M20-MC S10A-SM-1LM-M25-MC S10A-SM-1LM-PG16-MC S10A-SM-1LM-2PG16-MC S10A-SM-1LM-PG21-MC	M20 2xM20 M25 PG16 2xPG16 PG21	

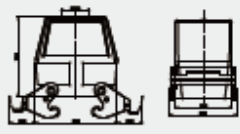
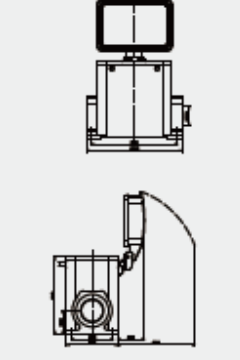
S16A metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S16A-SE-2B-M20 S16A-SE-2B-PG16	M20 PG16	
	(Hoods, side entry, high construction)	S16A-SEH-2B-M25 S16A-SEH-2B-PG16 S16A-SEH-2B-PG21	M25 PG16 PG21	
	(Hoods,top entry)	S16A-TE-2B-M20 S16A-TE-2B-PG16	M20 PG16	
	(Hoods, top entry, high construction)	S16A-TEH-2B-M25 S16A-TEH-2B-PG16 S16A-TEH-2B-PG21	M25 PG16 PG21	
	(Housings, bulkhead mounting)	S16A-BM-1LM With plastic cover S16A-BM-1LM-PC With metal cover S16A-BM-1LM-MC	/	
	(Housings, surface mounting)	S16A-SM-1LM-M20 S16A-SM-1LM-2M20 S16A-SM-1LM-M25 S16A-SM-1LM-PG16 S16A-SM-1LM-2PG16 S16A-SM-1LM-PG21 With plastic cover S16A-SM-1LM-M20-PC S16A-SM-1LM-2M20-PC S16A-SM-1LM-M25-PC S16A-SM-1LM-PG16-PC S16A-SM-1LM-2PG16-PC S16A-SM-1LM-PG21-PC With metal cover S16A-SM-1LM-M20-MC S16A-SM-1LM-2M20-MC S16A-SM-1LM-M25-MC S16A-SM-1LM-PG16-MC S16A-SM-1LM-2PG16-MC S16A-SM-1LM-PG21-MC	M20 2xM20 M25 PG16 2xPG16 PG21	

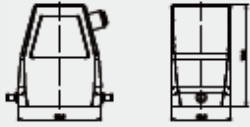
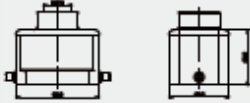
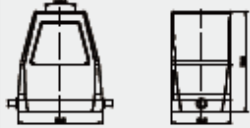
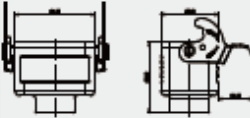
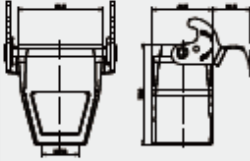
S32A metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S32A-SE-4B-M25 S32A-SE-4B-PG21	M25 PG21	
	(Hoods, side entry, high construction)	S32A-SEH-4B-M32 S32A-SEH-4B-PG21 S32A-SEH-2B-PG29	M32 PG21 PG29	
	(Hoods, top entry, high construction)	S32A-TEH-4B-M25 S32A-TEH-4B-M32 S32A-TEH-4B-PG21 S32A-TEH-4B-PG29	M25 M32 PG21 PG29	
	(Housings, bulkhead mounting)	S32A-BM-2LM		
	(Housings, surface mounting)	S32A-SM-2LM-M25 S32A-SM-2LM-M32 S32A-SM-2LM-2M32 S32A-SM-2LM-PG21 S32A-SM-2LM-2PG21 S32A-SM-2LM-PG29 S32A-SM-2LM-2PG29	M25 M32 2xM32 PG21 2xPG21 PG29 2xPG21	

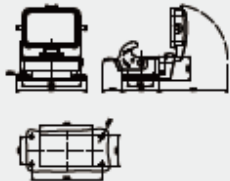
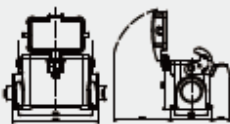
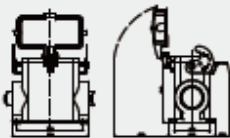
S32A metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S32A-SE-2L.M-M25 S32A-SE-2L.M-PG21	M25 PG21	
	(Hoods, side entry, high construction)	S32A-SEH-2L.M-M32 S32A-SEH-2L.M-PG21 S32A-SEH-2L.M-PG29	M32 PG21 PG29	
	(Hoods, top entry, high construction)	S32A-TEH-2L.M-M25 S32A-TEH-2L.M-M32 S32A-TEH-2L.M-PG21 S32A-TEH-2L.M-PG29	M25 M32 PG21 PG29	
	(Housings, bulkhead mounting)	S32A-BM-4B With plastic cover S32A-BM-4B-PC With metal cover S32A-BM-4B-MC		
	(Housings, surface mounting)	S32A-SM-4B-M25 S32A-SM-4B-M32 S32A-SM-4B-2M32 S32A-SM-4B-PG21 S32A-SM-4B-2PG21 S32A-SM-4B-PG29 S32A-SM-4B-2PG29 With plastic cover S32A-SM-4B-M25-PC S32A-SM-4B-M32-PC S32A-SM-4B-2M32-PC S32A-SM-4B-PG21-PC S32A-SM-4B-2PG21-PC S32A-SM-4B-PG29-PC S32A-SM-4B-2PG29-PC With metal cover S32A-SM-4B-M25-MC S32A-SM-4B-M32-MC S32A-SM-4B-2M32-MC S32A-SM-4B-PG21-MC S32A-SM-4B-2PG21-MC S32A-SM-4B-PG29-MC S32A-SM-4B-2PG29-MC	M25 M32 2xM32 PG21 2xPG21 PG29 2xPG21	

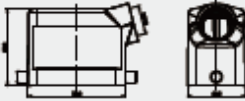
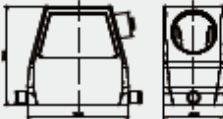
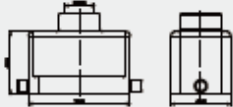
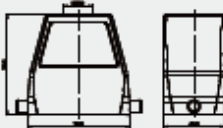
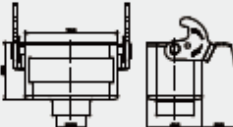
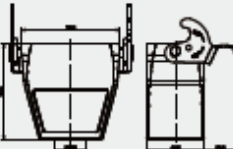
S6B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S6B-SE-2B-M20 S6B-SE-2B-M25 S6B-SE-2B-PG13.5 S6B-SE-2B-PG16	M20 M25 PG13.5 PG16	
	(Hoods,side entry, high construction)	S6B-SEH-2B-M25 S6B-SEH-2B-M32 S6B-SEH-2B-PG21 S6B-SEH-2B-PG29	M25 M32 PG21 PG29	
	(Hoods,top entry)	S6B-TE-2B-M20 S6B-TE-2B-PG13.5 S6B-TE-2B-PG16	M20 PG13.5 PG16	
	(Hoods, top entry, high construction)	S6B-TEH-2B-M25 S6B-TEH-2B-M32 S6B-TEH-2B-PG21 S6B-TEH-2B-PG29	M25 M32 PG21 PG29	
	(Housings, cable to cable)	S6B-CC-1L.M-M20 S6B-CC-1L.M-PG13.5 S6B-CC-1L.M-PG16	M20 PG13.5 PG16	
	(Housings, cable to cable high construction)	S6B-CCH-1L.M-M25 S6B-CCH-1L.M-M32 S6B-CCH-1L.M-PG21 S6B-CCH-1L.M-PG29	M25 M32 PG21 PG29	

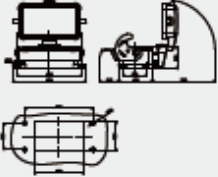
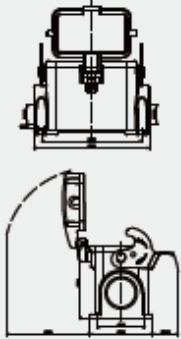
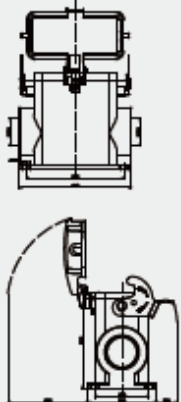
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, bulkhead mounting)	S6B-BM-1LM With plastic cover S6B-BM-1LM-PC With metal cover S6B-BM-1LM-MC		
	(Housings, surface mounting)	S6B-SM-1LM-M20 S6B-SM-1LM-2M20 S6B-SM-1LM-M25 S6B-SM-1LM-2M25 S6B-SM-1LM-PG16 S6B-SM-1LM-2PG16 With plastic cover S6B-SM-1LM-M20-PC S6B-SM-1LM-2M20-PC S6B-SM-1LM-M25-PC S6B-SM-1LM-2M25-PC S6B-SM-1LM-PG16-PC S6B-SM-1LM-2PG16-PC With metal cover S6B-SM-1LM-M20-MC S6B-SM-1LM-2M20-MC S6B-SM-1LM-M25-MC S6B-SM-1LM-2M25-MC S6B-SM-1LM-PG16-MC S6B-SM-1LM-2PG16-MC	M20 2M20 M25 2M25 PG16 2PG16	
	(Housings, surface mounting high construction)	S6B-SMH-1LM-M25 S6B-SMH-1LM-2M25 S6B-SMH-1LM-M32 S6B-SMH-1LM-2M32 S6B-SMH-1LM-PG21 S6B-SMH-1LM-2PG21 S6B-SMH-1LM-PG29 S6B-SMH-1LM-2PG29 With plastic cover S6B-SMH-1LM-M25-PC S6B-SMH-1LM-2M25-PC S6B-SMH-1LM-M32-PC S6B-SMH-1LM-2M32-PC S6B-SMH-1LM-PG21-PC S6B-SMH-1LM-2PG21-PC S6B-SMH-1LM-PG29-PC S6B-SMH-1LM-2PG29-PC With metal cover S6B-SMH-1LM-M25-MC S6B-SMH-1LM-2M25-MC S6B-SMH-1LM-M32-MC S6B-SMH-1LM-2M32-MC S6B-SMH-1LM-PG21-MC S6B-SMH-1LM-2PG21-MC S6B-SMH-1LM-PG29-MC S6B-SMH-1LM-2PG29-MC	M25 2M25 M32 2M32 Pg21 2PG21 PG29 2PG29	

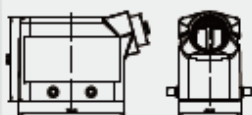
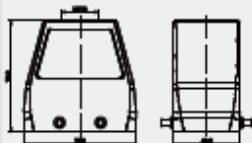
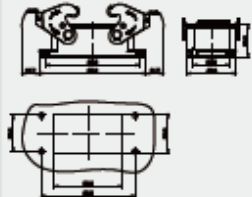
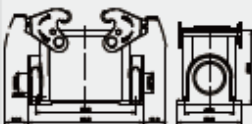
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S10B-SE-2B-M20 S10B-SE-2B-M25 S10B-SE-2B-PG16	M20 M25 PG16	
	(Hoods, side entry, high construction)	S10B-SEH-2B-M25 S10B-SEH-2B-M32 S10B-SEH-2B-PG21 S10B-SEH-2B-PG29	M25 M32 PG21 PG29	
	(Hoods,top entry)	S10B-TE-2B-M20 S10B-TE-2B-M25 S10B-TE-2B-PG16	M20 M25 PG16	
	(Hoods, top entry, high construction)	S10B-TEH-2B-M25 S10B-TEH-2B-M32 S10B-TEH-2B-PG21 S10B-TEH-2B-PG29	M25 M32 PG21 PG29	
	(Housings, cable to cable)	S10B-CC-1LM-M20 S10B-CC-1LM-M25 S10B-CC-1LM-PG16	M20 M25 PG16	
	(Housings, cable to cable high construction)	S10B-CCH-1LM-M25 S10B-CCH-1LM-M32 S10B-CCH-1LM-PG21 S10B-CCH-1LM-PG29	M25 M32 PG21 PG29	

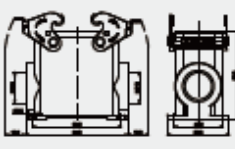
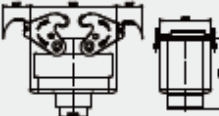
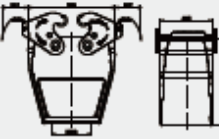
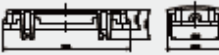
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, bulkhead mounting)	S10B-BM-1LM With plastic cover S10B-BM-1LM-PC With metal cover S10B-BM-1LM-MC		
	(Housings, surface mounting)	S10B-SM-1LM-M20 S10B-SM-1LM-2M20 S10B-SM-1LM-M25 S10B-SM-1LM-2M25 S10B-SM-1LM-PG16 S10B-SM-1LM-2PG16 With plastic cover S10B-SM-1LM-M20-PC S10B-SM-1LM-2M20-PC S10B-SM-1LM-M25-PC S10B-SM-1LM-2M25-PC S10B-SM-1LM-PG16-PC S10B-SM-1LM-2PG16-PC With metal cover S10B-SM-1LM-M20-MC S10B-SM-1LM-2M20-MC S10B-SM-1LM-M25-MC S10B-SM-1LM-2M25-MC S10B-SM-1LM-PG16-MC S10B-SM-1LM-2PG16-MC	M20 2M20 M25 2M25 PG16 2PG16	
	(Housings, surface mounting high construction)	S10B-SMH-1LM-M25 S10B-SMH-1LM-2M25 S10B-SMH-1LM-M32 S10B-SMH-1LM-2M32 S10B-SMH-1LM-PG21 S10B-SMH-1LM-2PG21 S10B-SMH-1LM-PG29 S10B-SMH-1LM-2PG29 With plastic cover S10B-SMH-1LM-M25-PC S10B-SMH-1LM-2M25-PC S10B-SMH-1LM-M32-PC S10B-SMH-1LM-2M32-PC S10B-SMH-1LM-PG21-PC S10B-SMH-1LM-2PG21-PC S10B-SMH-1LM-PG29-PC S10B-SMH-1LM-2PG29-PC With metal cover S10B-SMH-1LM-M25-MC S10B-SMH-1LM-2M25-MC S10B-SMH-1LM-M32-MC S10B-SMH-1LM-2M32-MC S10B-SMH-1LM-PG21-MC S10B-SMH-1LM-2PG21-MC S10B-SMH-1LM-PG29-MC S10B-SMH-1LM-2PG29-MC	M25 2M25 M32 2M32 Pg21 2PG21 PG29 2PG29	

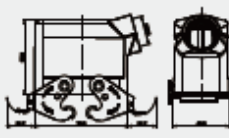
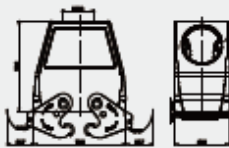
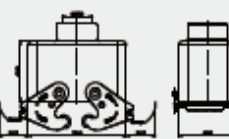
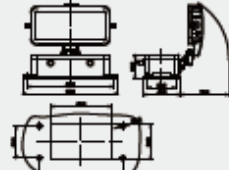
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S10B-SE-4B-M20 S10B-SE-4B-M25 S10B-SE-4B-PG16	M20 M25 PG16	
	(Hoods, side entry, high construction)	S10B-SEH-4B-M25 S10B-SEH-4B-M32 S10B-SEH-4B-PG21 S10B-SEH-4B-PG29	M25 M32 PG21 PG29	
	(Hoods,top entry)	S10B-TE-4B-M20 S10B-TE-4B-M25 S10B-TE-4B-PG16	M20 M25 PG16	
	(Hoods, top entry, high construction)	S10B-TEH-4B-M25 S10B-TEH-4B-M32 S10B-TEH-4B-PG21 S10B-TEH-4B-PG29	M25 M32 PG21 PG29	
	(Housings, bulkhead mounting)	S10B-BM-2L.M		
	(Housings, surface mounting)	S10B-SM-2L.M-M20 S10B-SM-2L.M-2M20 S10B-SM-2L.M-M25 S10B-SM-2L.M-2M25 S10B-SM-2L.M-PG16 S10B-SM-2L.M-2PG16	M20 2M20 M25 2M25 PG16 2PG16	

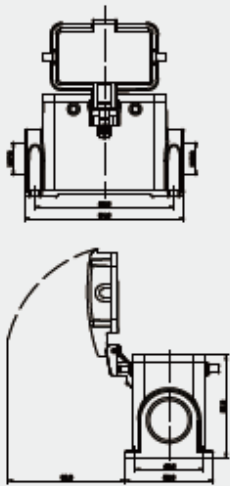
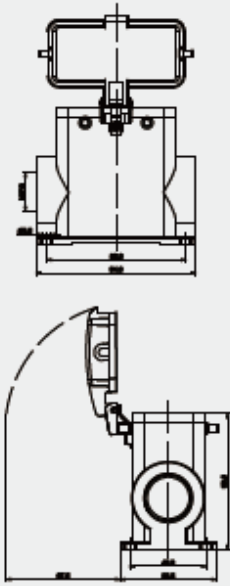
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, surface mounting high construction)	S10B-SMH-2LM-M25 S10B-SMH-2LM-2M25 S10B-SMH-2LM-M32 S10B-SMH-2LM-2M32 S10B-SMH-2LM-PG21 S10B-SMH-2LM-2PG21 S10B-SMH-2LM-PG29 S10B-SMH-2LM-2PG29	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	
	(Housings, cable to cable)	S10B-CC-2L.M-M20 S10B-CC-2L.M-M25 S10B-CC-2L.M-PG16	M20 M25 PG16	
	(Housings, cable to cable high construction)	S10B-CCH-2LM-M25 S10B-CCH-2LM-M32 S10B-CCH-2LM-PG21 S10B-CCH-2LM-PG29	M25 M32 PG21 PG29	
	(Protection)	S10B-PC-4C		
	(Protection)	With plastic cover S10B-PC-4B/1S S10B-PC-4B/2S With metal cover S10B-MC-4B/1S S10B-MC-4B/2S	 1S  2S	

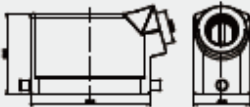
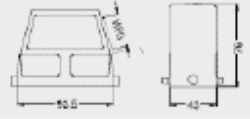
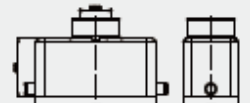
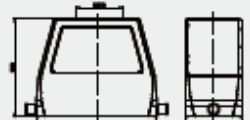
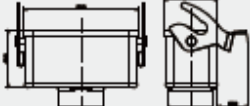
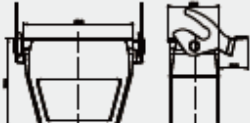
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S10B-SE-2L.M-M20 S10B-SE-2L.M-PG16	M20 PG16	
	(Hoods, side entry, high construction)	S10B-SEH-2L.M-M25 S10B-SEH-2L.M-M32 S10B-SEH-2L.M-PG21 S10B-SEH-2L.M-PG29	M25 M32 PG21 PG29	
	(Hoods,top entry)	S10B-TE-2L.M-M20 S10B-TE-2L.M-PG16	M20 PG16	
	(Hoods, top entry, high construction)	S10B-TEH-2L.M-M25 S10B-TEH-2L.M-M32 S10B-TEH-2L.M-PG21 S10B-TEH-2L.M-PG29	M25 M32 PG21 PG29	
	(Housings, bulkhead mounting)	S10B-BM-4B With plastic cover S10B-BM-4B-PC With metal cover S10B-BM-4B-MC		

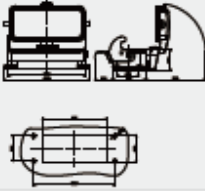
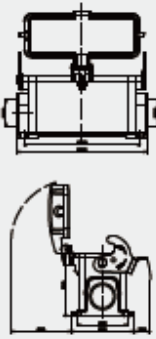
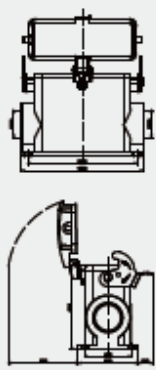
S10B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, surface mounting)	S10B-SM-4B-M20 S10B-SM-4B-2M20 S10B-SM-4B-M25 S10B-SM-4B-2M25 S10B-SM-4B-PG16 S10B-SM-4B-2PG16 With plastic cover S10B-SM-4B-M20-PC S10B-SM-4B-2M20-PC S10B-SM-4B-M25-PC S10B-SM-4B-2M25-PC S10B-SM-4B-PG16-PC S10B-SM-4B-2PG16-PC With metal cover S10B-SM-4B-M20-MC S10B-SM-4B-2M20-MC S10B-SM-4B-M25-MC S10B-SM-4B-2M25-MC S10B-SM-4B-PG16-MC S10B-SM-4B-2PG16-MC	M20 2M20 M25 2M25 PG16 2PG16	
	(Housings, surface mounting high construction)	S10B-SMH-4B-M25 S10B-SMH-4B-2M25 S10B-SMH-4B-M32 S10B-SMH-4B-2M32 S10B-SMH-4B-PG21 S10B-SMH-4B-2PG21 S10B-SMH-4B-PG29 S10B-SMH-4B-2PG29 With plastic cover S10B-SMH-4B-M25-PC S10B-SMH-4B-2M25-PC S10B-SMH-4B-M32-PC S10B-SMH-4B-2M32-PC S10B-SMH-4B-PG21-PC S10B-SMH-4B-2PG21-PC S10B-SMH-4B-PG29-PC S10B-SMH-4B-2PG29-PC With metal cover S10B-SMH-4B-M25-MC S10B-SMH-4B-2M25-MC S10B-SMH-4B-M32-MC S10B-SMH-4B-2M32-MC S10B-SMH-4B-PG21-MC S10B-SMH-4B-2PG21-MC S10B-SMH-4B-PG29-MC S10B-SMH-4B-2PG29-MC	M25 2M25 M32 2M32 PG21 2PG21 PG29 2PG29	

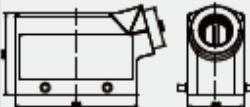
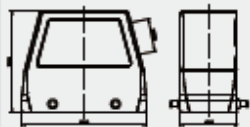
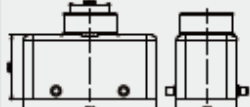
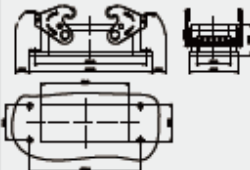
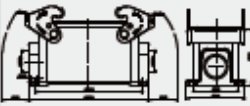
S16B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S16B-SE-2B-M25 S16B-SE-2B-M32 S16B-SE-2B-PG21	M25 M32 PG21	
	(Hoods, side entry, high construction)	S16B-SEH-2B-M32 S16B-SEH-2B-M40 S16B-SEH-2B-PG21 S16B-SEH-2B-PG29	M32 M40 PG21 PG29	
	(Hoods,top entry)	S16B-TE-2B-M25 S16B-TE-2B-M32 S16B-TE-2B-PG21	M25 M32 PG21	
	(Hoods, top entry, high construction)	S16B-TEH-2B-M32 S16B-TEH-2B-M40 S16B-TEH-2B-PG21 S16B-TEH-2B-PG29	M32 M40 PG21 PG29	
	(Housings, bulkhead mounting)	S16B-CC-1L.M-M25 S16B-CC-1L.M-M32 S16B-CC-1L.M-PG21	M25 M32 PG21	
	(Housings, cable to cable high construction)	S16B-CCH-1L.M-M32 S16B-CCH-1L.M-M40 S16B-CCH-1L.M-PG21 S16B-CCH-1L.M-PG29	M32 M40 PG21 PG29	

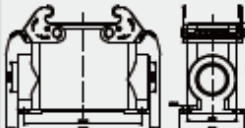
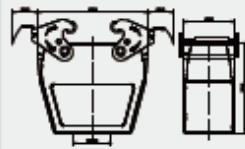
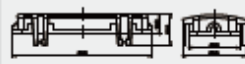
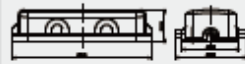
S16B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, bulkhead mounting)	S16B-BM-1LM With plastic cover S16B-BM-1LM-PC With metal cover S16B-BM-1LM-MC		
	(Housings, surface mounting)	S16B-SM-1LM-M25 S16B-SM-1LM-2M25 S16B-SM-1LM-PG21 S16B-SM-1LM-2PG21 With plastic cover S16B-SM-1LM-M25-PC S16B-SM-1LM-2M25-PC S16B-SM-1LM-PG21-PC S16B-SM-1LM-2PG21-PC With metal cover S16B-SM-1LM-M25-MC S16B-SM-1LM-2M25-MC S16B-SM-1LM-PG21-MC S16B-SM-1LM-2PG21-MC	M25 2M25 PG21 2PG21	
	(Housings, surface mounting high construction)	S16B-SMH-1LM-M32 S16B-SMH-1LM-2M32 S16B-SMH-1LM-PG21 S16B-SMH-1LM-2PG21 S16B-SMH-1LM-PG29 S16B-SMH-1LM-2PG29 With plastic cover S16B-SMH-1LM-M32-PC S16B-SMH-1LM-2M32-PC S16B-SMH-1LM-PG21-PC S16B-SMH-1LM-2PG21-PC S16B-SMH-1LM-PG29-PC S16B-SMH-1LM-2PG29-PC With metal cover S16B-SMH-1LM-M32-MC S16B-SMH-1LM-2M32-MC S16B-SMH-1LM-PG21-MC S16B-SMH-1LM-2PG21-MC S16B-SMH-1LM-PG29-MC S16B-SMH-1LM-2PG29-MC	M32 2M32 PG21 2PG21 PG29 2PG29	

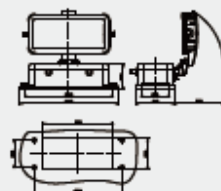
S16B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S16B-SE-4B-M25 S16B-SE-4B-M32 S16B-SE-4B-PG21	M25 M32 PG21	
	(Hoods, side entry, high construction)	S16B-SEH-4B-M25 S16B-SEH-4B-M32 S16B-SEH-4B-M40 S16B-SEH-4B-PG21 S16B-SEH-4B-PG29	M25 M32 M40 PG21 PG29	
	(Hoods,top entry)	S16B-TE-4B-M25 S16B-TE-4B-M32 S16B-TE-4B-PG21	M25 M32 PG21	
	(Hoods, top entry, high construction)	S16B-TEH-4B-M25 S16B-TEH-4B-M32 S16B-TEH-4B-M40 S16B-TEH-4B-PG21 S16B-TEH-4B-PG29	M25 M32 M40 PG21 PG29	
	(Housings, bulkhead mounting)	S16B-8M-2LM		
	(Housings, surface mounting)	S16B-SM-2LM-M25 S16B-SM-2LM-2M25 S16B-SM-2LM-PG21 S16B-SM-2LM-2PG21	M25 M25 PG21 PG21	

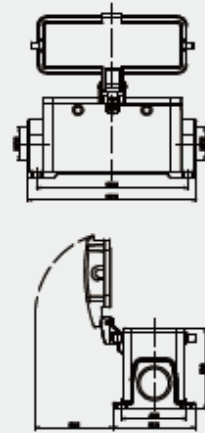
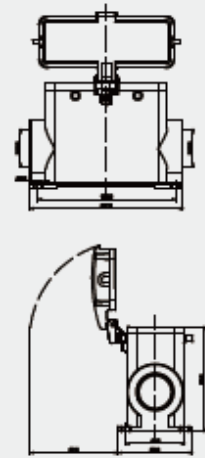
S16B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, surface mounting high construction)	S16B-SMH-2LM-M25 S16B-SMH-2LM-2M25 S16B-SMH-2LM-M32 S16B-SMH-2LM-2M32 S16B-SMH-2LM-M40 S16B-SMH-2LM-2M40 S16B-SMH-2LM-PG21 S16B-SMH-2LM-2PG21 S16B-SMH-2LM-PG29 S16B-SMH-2LM-2PG29	M25 2M25 M32 2M32 M40 2M40 PG21 2PG21 PG29 2PG29	
	(Housings, cable to cable)	S16B-CC-2LM-M25 S16B-CC-2LM-M32 S16B-CC-2LM-PG21	M25 M32 PG21	
	(Housings, cable to cable high construction)	S16B-CCH-2LM-M25 S16B-CCH-2LM-M32 S16B-CCH-2LM-M40 S16B-CCH-2LM-PG21 S16B-CCH-2LM-PG29	M25 M32 M40 PG21 PG29	
	(Protection)	S16B-PC-4C		
	(Protection)	With plastic cover S16B-PC-4B/1S S16B-PC-4B/2S With metal cover S16B-MC-4B/1S S16B-MC-4B/2S		

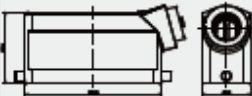
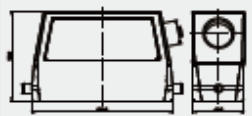
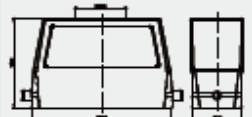
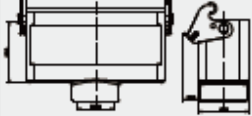
S16B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S16B-SE-2L.M-M25 S16B-SE-2L.M-M32 S16B-SE-2L.M-PG21	M25 M32 PG21	
	(Hoods, side entry, high construction)	S16B-SEH-2L.M-M25 S16B-SEH-2L.M-M32 S16B-SEH-2L.M-M40 S16B-SEH-2L.M-PG21 S16B-SEH-2L.M-PG29	M25 M32 M40 PG21 PG29	
	(Hoods,top entry)	S16B-TE-2L.M-M25 S16B-TE-2L.M-M32 S16B-TE-2L.M-PG21	M25 M32 PG21	
	(Hoods, top entry, high construction)	S16B-TEH-2L.M-M25 S16B-TEH-2L.M-M32 S16B-TEH-2L.M-M40 S16B-TEH-2L.M-PG21 S16B-TEH-2L.M-PG29	M25 M32 M40 PG21 PG29	
	(Housings, bulkhead mounting)	S16B-BM-4B With plastic cover S16B-BM-4B-PC With metal cover S16B-BM-4B-MC		

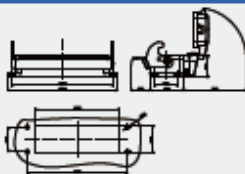
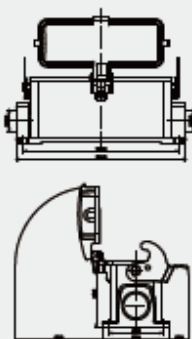
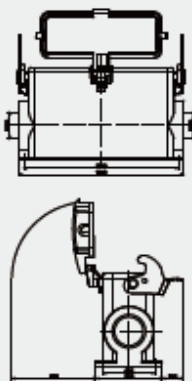
S16B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, surface mounting)	S16B-SM-4B-M25 S16B-SM-4B-2M25 S16B-SM-4B-PG21 S16B-SM-4B-2PG21 With plastic cover S16B-SM-4B-M25-PC S16B-SM-4B-2M25-PC S16B-SM-4B-PG21-PC S16B-SM-4B-2PG21-PC With metal cover S16B-SM-4B-M25-MC S16B-SM-4B-2M25-MC S16B-SM-4B-PG21-MC S16B-SM-4B-2PG21-MC	M25 2M25 Pg21 2PG21	
	(Housings, surface mounting high construction)	S16B-SMH-4B-M32 S16B-SMH-4B-2M32 S16B-SMH-4B-PG21 S16B-SMH-4B-2PG21 S16B-SMH-4B-PG29 S16B-SMH-4B-2PG29 With plastic cover S16B-SMH-4B-M32-PC S16B-SMH-4B-2M32-PC S16B-SMH-4B-PG21-PC S16B-SMH-4B-2PG21-PC S16B-SMH-4B-PG29-PC S16B-SMH-4B-2PG29-PC With metal cover S16B-SMH-4B-M32-MC S16B-SMH-4B-2M32-MC S16B-SMH-4B-PG21-MC S16B-SMH-4B-2PG21-MC S16B-SMH-4B-PG29-MC S16B-SMH-4B-2PG29-MC	M32 2M32 PG21 2PG21 PG29 2PG29	

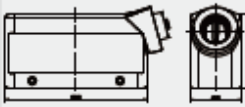
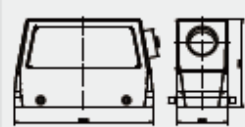
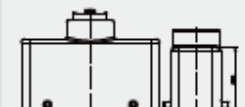
S24B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S24B-SE-2B-M25 S24B-SE-2B-M32 S24B-SE-2B-PG21	M25 M32 PG21	
	(Hoods, side entry, high construction)	S24B-SEH-2B-M32 S24B-SEH-2B-M40 S24B-SEH-2B-PG21 S24B-SEH-2B-PG29	M32 M40 PG21 PG29	
	(Hoods,top entry)	S24B-TE-2B-M25 S24B-TE-2B-M32 S24B-TE-2B-PG21	M25 M32 PG21	
	(Hoods, top entry, high construction)	S24B-TEH-2B-M32 S24B-TEH-2B-M40 S24B-TEH-2B-PG21 S24B-TEH-2B-PG29	M32 M40 PG21 PG29	
	(Housings, cable to cable)	S24B-CC-1LM-M25 S24B-CC-1LM-M32 S24B-CC-1LM-PG21	M25 M32 PG21	
	(Housings, cable to cable high construction)	S24B-CCH-1LM-M32 S24B-CCH-1LM-M40 S24B-CCH-1LM-PG21 S24B-CCH-1LM-PG29	M32 M40 PG21 PG29	

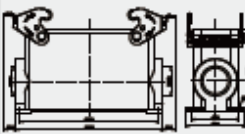
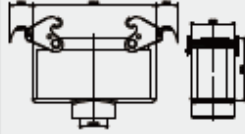
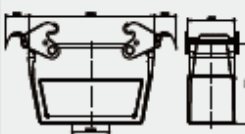
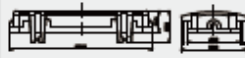
S24B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, bulkhead mounting)	S24B-BM-1LM With plastic cover S24B-BM-1LM-PC With metal cover S24B-BM-1LM-MC		
	(Housings, surface mounting)	S24B-SM-1LM-M25 S24B-SM-1LM-2M25 S24B-SM-1LM-PG21 S24B-SM-1LM-2PG21 With plastic cover S24B-SM-1LM-M25-PC S24B-SM-1LM-2M25-PC S24B-SM-1LM-PG21-PC S24B-SM-1LM-2PG21-PC With metal cover S24B-SM-1LM-M25-MC S24B-SM-1LM-2M25-MC S24B-SM-1LM-PG21-MC S24B-SM-1LM-2PG21-MC	M25 2M25 PG21 2PG21	
	(Housings, surface mounting high construction)	S24B-SMH-1LM-M32 S24B-SMH-1LM-2M32 S24B-SMH-1LM-PG21 S24B-SMH-1LM-2PG21 S24B-SMH-1LM-PG29 S24B-SMH-1LM-2PG29 With plastic cover S24B-SMH-1LM-M32-PC S24B-SMH-1LM-2M32-PC S24B-SMH-1LM-PG21-PC S24B-SMH-1LM-2PG21-PC S24B-SMH-1LM-PG29-PC S24B-SMH-1LM-2PG29-PC With metal cover S24B-SMH-1LM-M32-MC S24B-SMH-1LM-2M32-MC S24B-SMH-1LM-PG21-MC S24B-SMH-1LM-2PG21-MC S24B-SMH-1LM-PG29-MC S24B-SMH-1LM-2PG29-MC	M32 2M32 PG21 2PG21 PG29 2PG29	

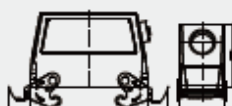
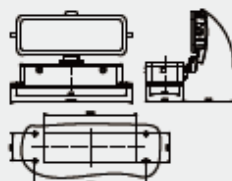
S24B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S24B-SE-4B-M25 S24B-SE-4B-M32 S24B-SE-4B-PG21	M25 M32 PG21	
	(Hoods, side entry, high construction)	S24B-SEH-4B-M25 S24B-SEH-4B-M32 S24B-SEH-4B-M40 S24B-SEH-4B-PG21 S24B-SEH-4B-PG29	M25 M32 M40 PG21 PG29	
	(Hoods,top entry)	S24B-TE-4B-M25 S24B-TE-4B-M32 S24B-TE-4B-PG21	M25 M32 PG21	
	(Hoods, top entry, high construction)	S24B-TEH-4B-M25 S24B-TEH-4B-M32 S24B-TEH-4B-M40 S24B-TEH-4B-PG21 S24B-TEH-4B-PG29	M25 M32 M40 PG21 PG29	
	(Housings, bulkhead mounting)	S24B-BM-2L.M		
	(Housings, surface mounting)	S24B-SM-2L.M-M25 S24B-SM-2L.M-2M25 S24B-SM-2L.M-PG21 S24B-SM-2L.M-2PG21	M25 M25 PG21 PG21	

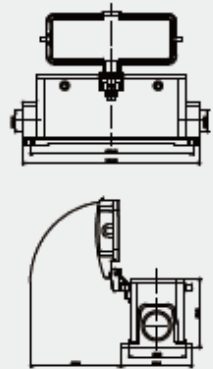
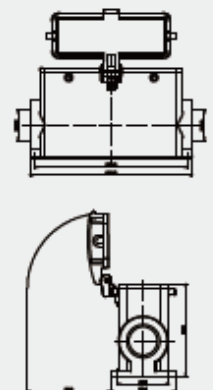
S24B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, surface mounting high construction)	S24B-SMH-2LM-M32 S24B-SMH-2LM-2M32 S24B-SMH-2LM-M40 S24B-SMH-2LM-2M40 S24B-SMH-2LM-PG21 S24B-SMH-2LM-2PG21 S24B-SMH-2LM-PG29 S24B-SMH-2LM-2PG29	M32 2M32 M40 2M40 PG21 2PG21 PG29 2PG29	
	(Housings, cable to cable)	S24B-CC-2L.M-M25 S24B-CC-2L.M-M32 S24B-CC-2L.M-PG21	M25 M32 PG21	
	(Housings, cable to cable high construction)	S24B-CCH-2LM-M32 S24B-CCH-2LM-M40 S24B-CCH-2LM-PG21 S24B-CCH-2LM-PG29	M32 M40 PG21 PG29	
	(Protection)	S24B-PC-4C		
	(Protection)	With plastic cover S24B-PC-4B/1S S24B-PC-4B/2S With metal cover S24B-MC-4B/1S S24B-MC-4B/2S		

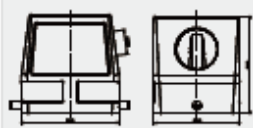
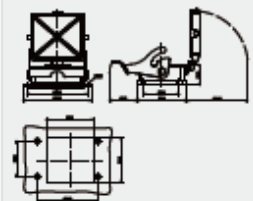
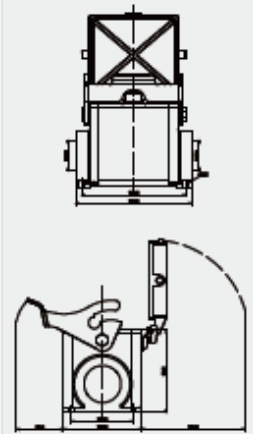
S24B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods, side entry)	S24B-SE-2LM-M25 S24B-SE-2LM-M32 S24B-SE-2LM-PG21	M25 M32 PG21	
	(Hoods, side entry, high construction)	S24B-SEH-2LM-M32 S24B-SEH-2LM-M40 S24B-SEH-2LM-PG21 S24B-SEH-2LM-PG29	M32 M40 PG21 PG29	
	(Hoods, top entry)	S24B-TE-2LM-M25 S24B-TE-2LM-M32 S24B-TE-2LM-PG21	M25 M32 PG21	
	(Hoods, top entry, high construction)	S24B-TEH-2LM-M32 S24B-TEH-2LM-M40 S24B-TEH-2LM-PG21 S24B-TEH-2LM-PG29	M32 M40 PG21 PG29	
	(Housings, bulkhead mounting)	S24B-BM-4B With plastic cover S24B-BM-4B-PC With metal cover S24B-BM-4B-MC		

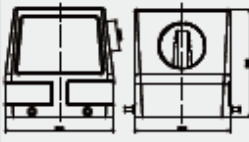
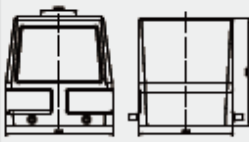
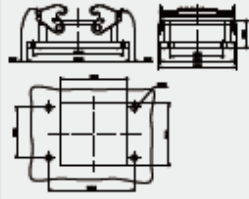
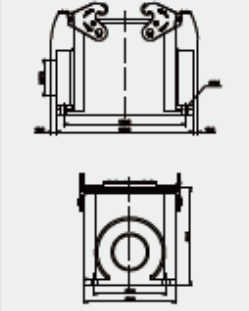
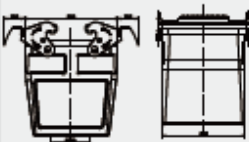
S24B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Housings, surface mounting)	S24B-SM-4B-M25 S24B-SM-4B-2M25 S24B-SM-4B-PG21 S24B-SM-4B-2PG21 With plastic cover S24B-SM-4B-M25-PC S24B-SM-4B-2M25-PC S24B-SM-4B-PG21-PC S24B-SM-4B-2PG21-PC With metal cover S24B-SM-4B-M25-MC S24B-SM-4B-2M25-MC S24B-SM-4B-PG21-MC S24B-SM-4B-2PG21-MC	M25 2M25 PG21 2PG21	
	(Housings, surface mounting high construction)	S24B-SMH-4B-M32 S24B-SMH-4B-2M32 S24B-SMH-4B-PG21 S24B-SMH-4B-2PG21 S24B-SMH-4B-PG29 S24B-SMH-4B-2PG29 With plastic cover S24B-SMH-4B-M32-PC S24B-SMH-4B-2M32-PC S24B-SMH-4B-PG21-PC S24B-SMH-4B-2PG21-PC S24B-SMH-4B-PG29-PC S24B-SMH-4B-2PG29-PC With metal cover S24B-SMH-4B-M32-MC S24B-SMH-4B-2M32-MC S24B-SMH-4B-PG21-MC S24B-SMH-4B-2PG21-MC S24B-SMH-4B-PG29-MC S24B-SMH-4B-2PG29-MC	M32 2M32 PG21 2PG21 PG29 2PG29	

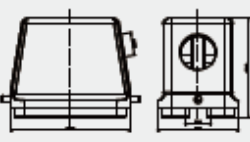
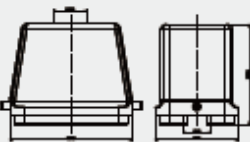
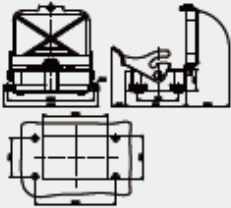
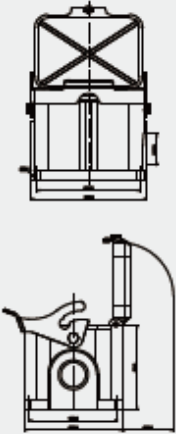
S32B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S32B-SE-2B-M32 S32B-SE-2B-M40 S32B-SE-2B-M50 S32B-SE-2B-PG29 S32B-SE-2B-PG36 S32B-SE-2B-PG42	M32 M40 M50 PG29 PG36 PG42	
	(Hoods,top entry)	S32B-TE-2B-M32 S32B-TE-2B-M40 S32B-TE-2B-M50 S32B-TE-2B-PG29 S32B-TE-2B-PG36 S32B-TE-2B-PG42	M32 M40 M50 PG29 PG36 PG42	
	(Housings, bulkhead mounting)	S32B-BM-1LM With plastic cover S32B-BM-1LM-PC		
	(Housings, surface mounting)	S32B-SM-1LM-M32 S32B-SM-1LM-2M32 S32B-SM-1LM-M40 S32B-SM-1LM-2M40 S32B-SM-1LM-PG29 S32B-SM-1LM-2PG29 S32B-SM-1LM-PG36 S32B-SM-1LM-2PG36 With plastic cover S32B-SM-1LM-M32-PC S32B-SM-1LM-2M32-PC S32B-SM-1LM-M40-PC S32B-SM-1LM-2M40-PC S32B-SM-1LM-PG29-PC S32B-SM-1LM-2PG29-PC S32B-SM-1LM-PG36-PC S32B-SM-1LM-2PG36-PC With metal cover S32B-SM-1LM-M32-MC S32B-SM-1LM-2M32-MC S32B-SM-1LM-M40-MC S32B-SM-1LM-2M40-MC S32B-SM-1LM-PG29-MC S32B-SM-1LM-2PG29-MC S32B-SM-1LM-PG36-MC S32B-SM-1LM-2PG36-MC	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36	

S32B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S32B-SE-4B-M32 S32B-SE-4B-M40 S32B-SE-4B-M50 S32B-SE-4B-PG29 S32B-SE-4B-PG36 S32B-SE-4B-PG42	M32 M40 M50 PG29 PG36 PG42	
	(Hoods,top entry)	S32B-TE-4B-M32 S32B-TE-4B-M40 S32B-TE-4B-M50 S32B-TE-4B-PG29 S32B-TE-4B-PG36 S32B-TE-4B-PG42	M32 M40 M50 PG29 PG36 PG42	
	(Housings, bulkhead mounting)	S32B-BM-2L.M		
	(Housings, surface mounting high construction)	S32B-SM-2L.M-M32 S32B-SM-2L.M-2M32 S32B-SM-2L.M-M40 S32B-SM-2L.M-2M40 S32B-SM-2L.M-PG29 S32B-SM-2L.M-2PG29 S32B-SM-2L.M-PG36 S32B-SM-2L.M-2PG36 S32B-SM-2L.M-PG42 S32B-SM-2L.M-2PG42	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36 PG42 2PG42	
	(Housings, cable to cable)	S32B-CCT-2LM-M32 S32B-CCT-2LM-M40 S32B-CCT-2LM-M50 S32B-CCT-2LM-PG29 S32B-CCT-2LM-PG36 S32B-CCT-2LM-PG42	M32 M40 M50 PG29 PG36 PG42	

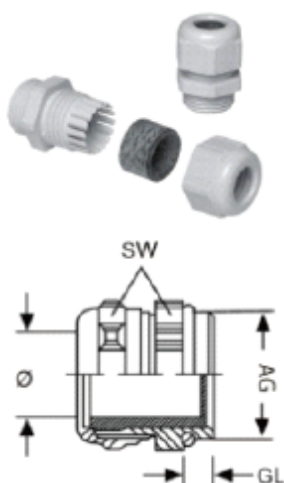
S48B metal enclosure(Protection grade: IP65)

Hoods&Housing	Description	Part Number	Thread	Drawing
	(Hoods,side entry)	S48B-SE-2B-M32 S48B-SE-2B-M40 S48B-SE-2B-M50 S48B-SE-2B-PG29 S48B-SE-2B-PG36 S48B-SE-2B-PG42	M32 M40 M50 PG29 PG36 PG42	
	(Hoods,top entry)	S48B-TE-2B-M32 S48B-TE-2B-M40 S48B-TE-2B-M50 S48B-TE-2B-PG29 S48B-TE-2B-PG36 S48B-TE-2B-PG42	M32 M40 M50 PG29 PG36 PG42	
	(Housings, bulkhead mounting)	S48B-BM-1LM With plastic cover S48B-BM-1LM-PC With metal cover S48B-BM-1LM-MC		
	(Housings, surface mounting)	S48B-SM-1LM-M32 S48B-SM-1LM-2M32 S48B-SM-1LM-M40 S48B-SM-1LM-2M40 S48B-SM-1LM-PG29 S48B-SM-1LM-2PG29 S48B-SM-1LM-PG36 S48B-SM-1LM-2PG36 With plastic cover S48B-SM-1LM-M32-PC S48B-SM-1LM-2M32-PC S48B-SM-1LM-M40-PC S48B-SM-1LM-2M40-PC S48B-SM-1LM-PG29-PC S48B-SM-1LM-2PG29-PC S48B-SM-1LM-PG36-PC S48B-SM-1LM-2PG36-PC With metal cover S48B-SM-1LM-M32-MC S48B-SM-1LM-2M32-MC S48B-SM-1LM-M40-MC S48B-SM-1LM-2M40-MC S48B-SM-1LM-PG29-MC S48B-SM-1LM-2PG29-MC S48B-SM-1LM-PG36-MC S48B-SM-1LM-2PG36-MC	M32 2M32 M40 2M40 PG29 2PG29 PG36 2PG36	

Cabie gland

Cabie gland

Plastics Cable gland
Material Science: nylon
Sealing element: NBR
Protection level: IP68
temperature range:
(Static)-40°C-100°C
(Dynamic)-20°C-80°C

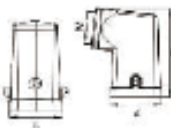
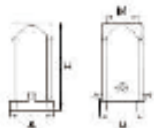
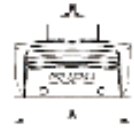


Thread	Claping range	AG	SW	GL	Order No.
Metric					
M12x1.5	3-6.5	12	18.7	7	SFCG-M12-6.5-P
M16x1.5	4-8	16	19	8	SFCG-M16-8-P
M18x1.5	5-10	18	22	8	SFCG-M18-10-P
M20x1.5	5-10	20	24	10	SFCG-M20-10-P
M20x1.5	6-12	20	24	10	SFCG-M20-12-P
M22x1.5	10-14	22	27	10	SFCG-M22-14-P
M25x1.5	13-18	25	33	11	SFCG-M25-18-P
M32x1.5	18-25	32	42	11	SFCG-M32-25-P
M40x1.5	22-32	40	52	13	SFCG-M40-32-P
PGThread					
PG7	3-6.5	12.5	15	8	SFCG-PG7-6.5-P
PG9	4-8	15.2	19	8	SFCG-PG9-8-P
PG11	5-10	18.3	22	8	SFCG-PG11-10-P
PG13.5	6-12	20.4	24	10	SFCG-PG13.5-12-P
PG16	8-14	22.5	27	10	SFCG-PG16-14-P
PG21	13-18	28.3	33	11	SFCG-PG21-18-P
PG29	18-25	37	42	11	SFCG-PG29-25-P
PG36	22-32	47	52	13	SFCG-PG36-32-P

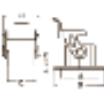
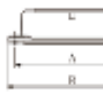
Crimp contacts tools

			
Crimping tool	Removal tool(10A)	Removal tool(16A)	Removal tool(40A)
Order No: SL-4.0	Order No: ST-10A	Order No: ST-16A	Order No: ST-40A
The diameter of the crimping wire : 0.5-4.0mm² (AWG 20-12)	Applicable to : 10A cold pressing needle	Applicable to : 16A cold pressing needle	Applicable to : 40A cold pressing needle

Upper shell-M | Protection grade: IP65/IP67

Opening installation							Surface mount							
Single button														
Double button														
Basic dimensions (mm)														
Series	Order No.											Order No.		
	A	B	C	E	H	Single button	Double button	A	B	C	E	H	Single button	Double button
S3A	27	27	54.5	M20	PG11	S3A-SE-2B		27	27	60	M20	PG11	S3A-TE-2B	
S10A	63	29.5	61.5	M20	PG16	S10A-SE-2B		63.5	29.5	48	M20	PG13.5	S10A-TE-2B	
	63.5	29.5	67	M25	PG16	S10A-SEH-2B		63.5	29.5	67	M25	PG16	S10A-TEH-2B	
S16A	80	29.5	61.5	M20	PG16	S16A-SE-2B		79.5	29.5	48	M20	PG16	S16A-EH-2B	
	80	29.8	70	M25	PG16	S16A-SEH-2B		80	29.8	70	M25	PG16	S16A-TEH-2B	
S32A	82	56	59.5	M25	PG21		S32A-SE-4B	82	56	79	M25	PG21		S32A-TEH-4B
	82	56	79	M32	PG21		S32A-SEH-4B							
S6B	60	43	46	M20	PG13.5	S6B-SE-2B		60	43	40	M20	PG13.5	S6B-TE-2B	
	60	43	72	M25	PG21	S6B-SEH-2B		60	43	72	M20	PG16	S6B-TEH-2B	
S10B	73	43	57	M20	PG16	S10B-SE-2B	S10B-SE-4B	73	43	45	M20	PG16	S10B-TE-2B	S10B-TE-4B
	73	43	72	M25	PG21	S10B-SEH-2B	S10B-SEH-4B	73	43	72	M25	PG21	S10B-TEH-2B	S10B-TEH-4B
S16B	93.5	43	62.5	M25	PG21	S16B-SE-2B	S16B-SE-4B	93.5	43	45	M25	PG21	S16B-TE-2B	S16B-TE-4B
	93.5	43	76	M32	PG21	S16B-SEH-2B	S16B-SEH-4B	93.5	43	76	M32	PG21	S16B-TEH-2B	S16B-TEH-4B
S24B	120	43	62.5	M25	PG21	S24B-SE-2B	S24B-SE-4B	120	43	55.5	M25	PG21	S24B-TE-2B	S24B-TE-4B
	120	43	76	M25	PG21	S24B-SEH-2B	S24B-SEH-4B	120	43	76.5	M32	PG21	S24B-TEH-2B	S24B-TEH-4B
S32B	94	82.5	94	M32	PG29	S32B-SE-2B	S32B-SE-4B	94	82.5	94	M32	PG29	S32B-TE-2B	S32B-THE-4B
S48B	131	88.5	106	M32	PG29	S48B-SE-2B		131	88.5	106	M32	PG29	S48B-TE-2B	S48B-SE-2B

Base PG | Protection grade: IP65

	Opening installation				Surface mount			
Single button								
Double button								
Basic dimensions (mm)								

Series	A	B	C	E	H	Order No.		A	B	C	E	H	Order No.	
						Single button	Double button						Single button	Double button
S3A	30	42		28	23	S3A-BM-1LM		30	43	57.3	24	M20	PG11	S3A-SM-1LM
	30	42		28	23	S3A-BM-1LM-MC								
S10A	70	82.6	17.5	32.6	26	S10A-BM-1LM		48	75	40	50	52	M20	PG16
								48	75	40	50	52	2M20	2PG16
S16A	86	96	17.5	32.6	26	S16A-BM-1LM		64	95	40	50	57	M20	PG16
								64	95	40	50	57	2M20	2PG16
S32A	92	102	42	58	29		S32A-BM-2LM	94	105.5	46	56.5	81	M25	PG21
								94	106	46	56.5	81	2M25	2PG21
S6B	70	82	32	45.8	29	S6B-BM-1LM		70	82	40	52	57	M25	PG21
								70	82	40	52	57	2M25	2PG21
								70	82	45	55.5	73.5	M25	PG21
								70	82	45	55.5	73.5	2M25	2PG21
S10B	83	95	32	48.5	29	S10B-BM-1LM	S10B-BM-2LM	82	94	40	52	57	M20	PG16
								82	94	40	52	57	2M20	2PG16
								82	94	45	55.5	80.5	M25	PG21
								82	94	45	55.5	80.5	2M25	2PG21
S16B	103	115	32	45.8	29	S16B-BM-1L	S16B-BM-2L	105	117	45	57	56	M25	PG21
								105	117	45	57	56	2M25	2PG21
								105	117	45	56	80.5	M32	PG21
								105	117	45	56	80.5	2M32	2PG21
S24B	130	141	32	45.8	29	S24B-BM-1L	S24B-BM-2L	132	144	45	57	56	M25	PG21
								132	144	45	57	56	2M25	2PG21
								132	144	45	56	80.5	M32	PG21

Tool

Series		5A cold crimping pin			
Sectional area / wire gauge					
mm ²	AWG	Silver plated male Orde No	Silver plated female Orde No	Gold plated male Orde No	Gold plated female Orde No
0.09-0.25	28-24	SCSM-005-0.25	SCSF-005-0.25	SCGM-005-0.25	SCGF-005-0.25
0.25-0.33	26-22	SCSM-005-0.33	SCSF-005-0.33	SCGM-005-0.33	SCGF-005-0.33
0.33-0.52	22-20	SCSM-005-0.52	SCSF-005-0.52	SCGM-005-0.52	SCGF-005-0.52

Series		10A cold crimping pin			
Sectional area / wire gauge					
mm ²	AWG	Silver plated male Orde No	Silver plated female Orde No	Gold plated male Orde No	Gold plated female Orde No
0.14-0.37	26-22	SCSM-010-0.37	SCSF-010-0.37	SCGM-010-0.37	SCGF-010-0.37
0.5	20	SCSM-010-0.5	SCSF-010-0.5	SCGM-010-0.5	SCGF-010-0.5
0.75	18	SCSM-010-0.75	SCSF-010-0.75	SCGM-010-0.75	SCGF-010-0.75
1	18	SCSM-010-1	SCSF-010-1	SCGM-010-1	SCGF-010-1
1.5	16	SCSM-010-1.5	SCSF-010-1.5	SCGM-010-1.5	SCGF-010-1.5
2.5	14	SCSM-010-2.5	SCSF-010-2.5	SCGM-010-2.5	SCGF-010-2.5

Series		16A cold crimping pin			
Sectional area / wire gauge					
mm ²	AWG	Silver plated male Orde No	Silver plated female Orde No	Gold plated male Orde No	Gold plated female Orde No
0.14-0.37	26-22	SCSM-016-0.37	SCSF-016-0.37	SCGM-016-0.37	SCGF-016-0.37
0.5	20	SCSM-016-0.5	SCSF-016-0.5	SCGM-016-0.5	SCGF-016-0.5
0.75	18	SCSM-016-0.75	SCSF-016-0.75	SCGM-016-0.75	SCGF-016-0.75
1	18	SCSM-016-1	SCSF-016-1	SCGM-016-1	SCGF-016-1
1.5	16	SCSM-016-1.5	SCSF-016-1.5	SCGM-016-1.5	SCGF-016-1.5
2.5	14	SCSM-016-2.5	SCSF-016-2.5	SCGM-016-2.5	SCGF-016-2.5
4	12	SCSM-016-4	SCSF-016-4	SCGM-016-4	SCGF-016-4

Series		16A cold crimping pin			
Sectional area / wire gauge					
mm ²	AWG	Silver plated male Orde No	Silver plated female Orde No	Gold plated male Orde No	Gold plated female Orde No
1.5	16	SCSM-040-1.5	SCSF-040-1.5	SCGM-040-1.5	SCGF-040-1.5
2.5	14	SCSM-040-2.5	SCSF-040-2.5	SCGM-040-2.5	SCGF-040-2.5
4	12	SCSM-040-4	SCSF-040-4	SCGM-040-4	SCGF-040-4
6	10	SCSM-040-6	SCSF-040-6	SCGM-040-6	SCGF-040-6
10	8	SCSM-040-10	SCSF-040-10	SCGM-040-10	SCGF-040-10

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