SCBTT-xxK SERIES

Barras equipotenciales de toma de tierra / Equipotential grounding bars

PRELIMINARY TECHNICAL INFORMATION

CARACTERÍSTICAS

- Alta calidad
- Bajo coste
- Plazo de entrega corto
- Listo para usar
- Implementación fácil
- Normalizado

HIGHLIGHTS

- High quality
- Low cost
- Fast delivery time
- Ready to use
- Easy implementation.
- Normalized

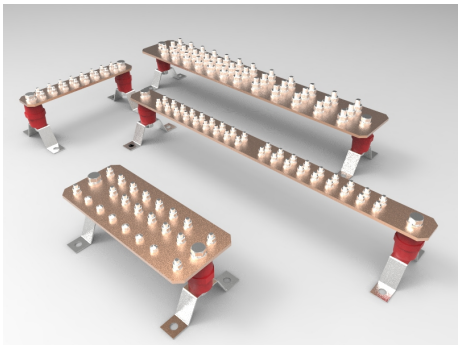


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GENERALIDADES / OVERVIEW

Conjuntos estándar con soportes aislados premontados de barras equipotenciales de toma de tierra para distribución de acuerdo a las normas UNE 21186, IEC 62305; IEC 62561.

Standard assemblies with pre-assembled insulated supports of distribution equipotential earthing bars according to UNE 21186, IEC 62305 and IEC 62561 standards

CARACTERÍSTICAS GENERALES / GENERAL FEATURES

Descripción / Description	Valor / Value
Dimension de barra / Bar Dimension	50x5 mm (250mm^2) / 100x6 (500 mm^2)
Material / Material	Cobre / Copper
Material soporte / Suport material	Acero inoxidable / Stainless steel
Material aislador / Isolator material	Poliéster reforzado con fibra de vidrio / fiberglassreinforced polyester
Aislamiento superficial (1) / Surface isolation (1)	12kV
Aislamiento interno (1) / Internal isolation (1)	40kV
Tensión máx. operativa / max. Voltage operation	2000V_{AC} / 2820V_{DC}
Temp. operativa (1) / Operating temp. (1)	-40ºC +130ºC
Normativa fuego (1) / Fire norm (1)	EN45545-2 HI2 UL94-V0
Certificaciones aislador (2) / Isolator certifications (2)	UL A,B
Normas aplicables / Standards applied	UNE 21186 / IEC 62305 / IEC 62561

(1): Caracerísticas del aislador / Insulator characteristics
(2): UL tipo A / UL type A : cumplimiento con categoría QEUY2/8 (componentes para tensión hasta 1000V) / compliance with category QEUY2/8 (components with operating voltage up to 1.000V.)
UL tipo B / UL type B : cumplimiento con categoría DLAR2/8 (componentes para tensión por encima de 1000V) / compliance with category DLAR2/8 (components with operating voltage above 1.000V.)

Para cantidades mínimas de pedido es posible suministrar versiones a medida según las necesidades del cliente con diferentes mecanizados y accesorios.

For minimum order quantities it is possible to supply customized versions according to customer needs with different machining an accessories.

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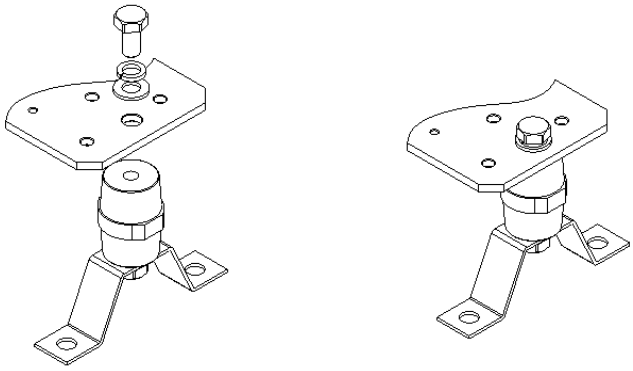
REFERENCIAS DISPONIBLES / AVAILABLE REFERENCES

Referencia Reference	Dimensiones terminal Busbaar dimensions	Conexiones (1) Connections (1)	Peso (Kg) Weight (Kg)
SCBTT-01K	50x250x5	16xM6	1,74
SCBTT-02K	50x600x5	36xM6	3,10
SCBTT-03K	100x250x5	6xM5 + 16xM6	2,36
SCBTT-04K	100x250x5	6xM5 + 16xM6	2,36
SCBTT-05K	100x300x5	18xM10	3,17
SCBTT-06K	100x300x5	12xM6 + 12xM10	3,12
SCBTT-07K	100x400x5	24xM10	3,92
SCBTT-08K	100x400x5	16xM6 + 16xM10	3,40
SCBTT-09K	100x500x5	34xM6 + 34xM10	5,46
SCBTT-10K	100x500x5	36xM10	5,09
SCBTT-11K	100x500x5	27xM10	4,55
SCBTT-12K	100x600x5	36xM10	5,53

(1) M5 con taladro roscado y tornillo DIN 7985 M5x12 – M6 con taladro pasante Ø7 y tornillo DIN933 M6x20 – M10 con taladro pasante Ø11 y tornillo DIN933 M10x30. Todos los accesorios en acero inoxidable.
M5 with threaded hole and screw DIN 7985 M5x12 – M6 with Ø7 hole and screw DIN933 M6x20 – M10 with Ø11 hole and screw DIN933 M10x30. All accessories in stainless steel.

RECOMENDACIONES MONTAJE / ASSEMBLY RECOMENDATIONS

Par de apriete máximo / Maximum tightening torque		
Soportes (ver figura) / Brackets (see drawing)	M10	13Nm
Contactos / Contacts	M5	2,5Nm
	M6	15Nm
	M10	25Nm



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SCBTT-01K

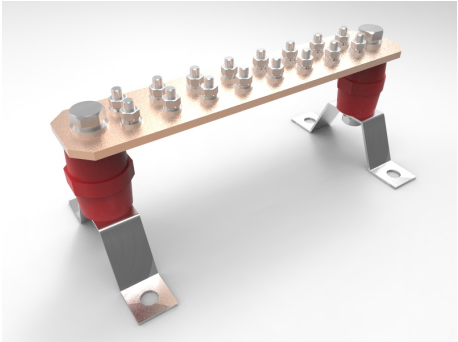


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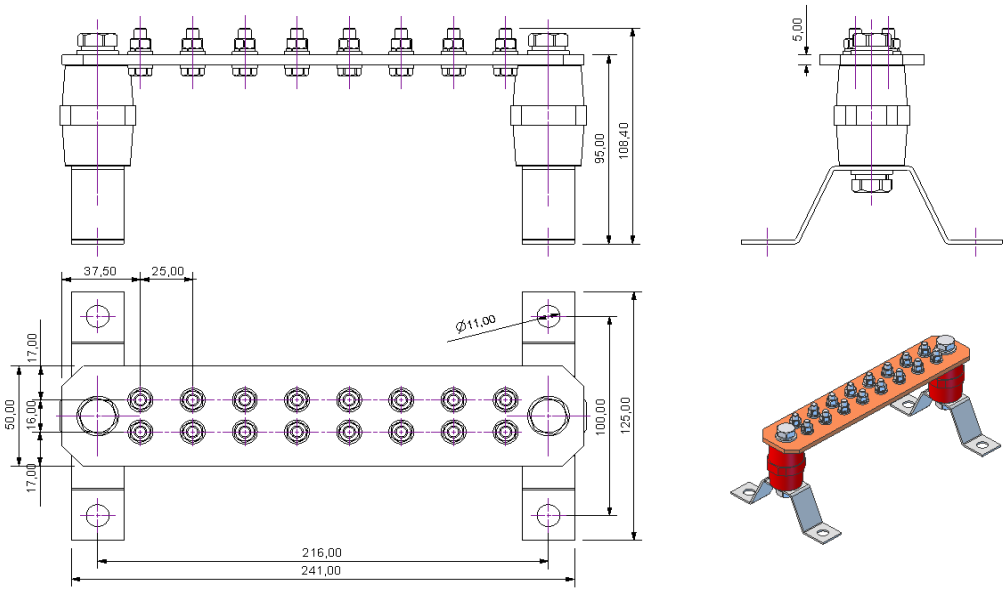
Conjunto con terminal de 50x250x5 mm y 16 conexiones de M6, soportes y accesorios incluidos.

Set with 50x250x5 mm terminal and 16 M6 connections, brackets and accessories included.

CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
32	Arandela plana DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
16	Arandela bloqueo DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
16	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
16	Tueca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2

DIMENSIONES / DIMENSIONS



All dimensions in mm

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SCBTT-02K

Conjunto con terminal de 50x600x5 mm y 36 conexiones de M6, soportes y accesorios incluidos.

Set with 50x600x5 mm terminal and 36 M6 connections, brackets and accessories included.

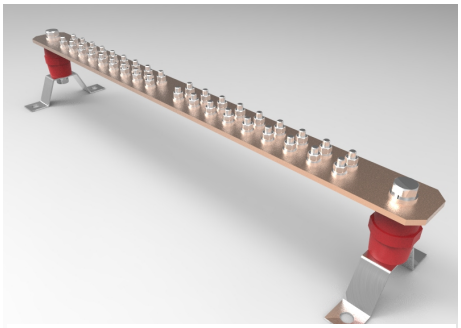
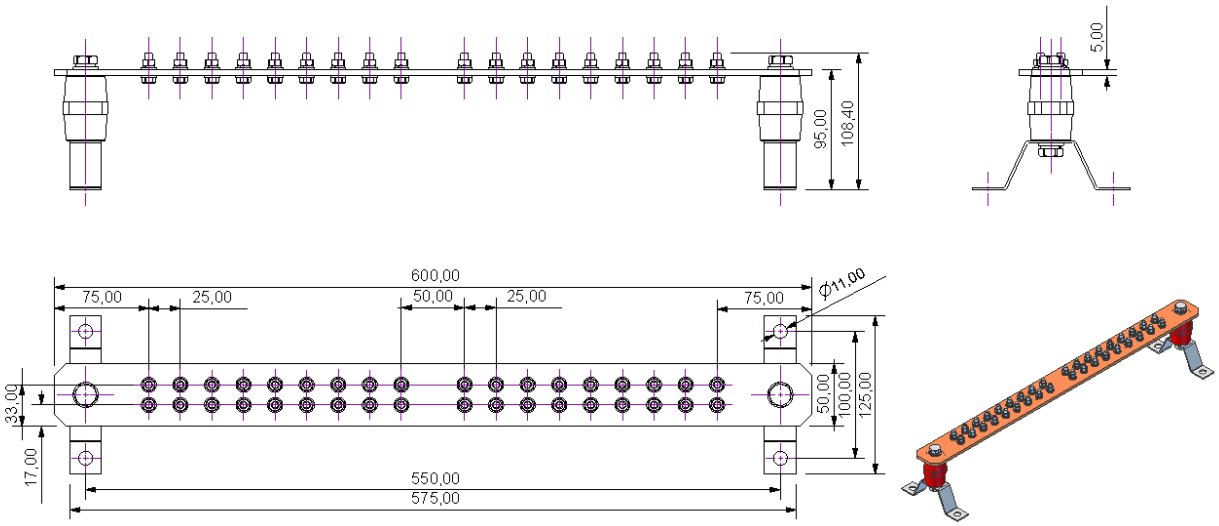


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
72	Arandela plana DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
36	Arandela bloqueo DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
36	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
36	Tuerca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

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SCBTT-03K

Conjunto con terminal de 100x250x5 mm, 6 conexiones M5 y 16 conexiones de M6, soportes y accesorios incluidos.

Set with 100x250x5 mm terminal, 6 M5 connections and 16 M6 connections, brackets and accessories included.

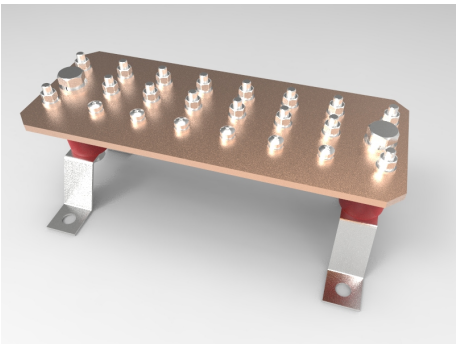
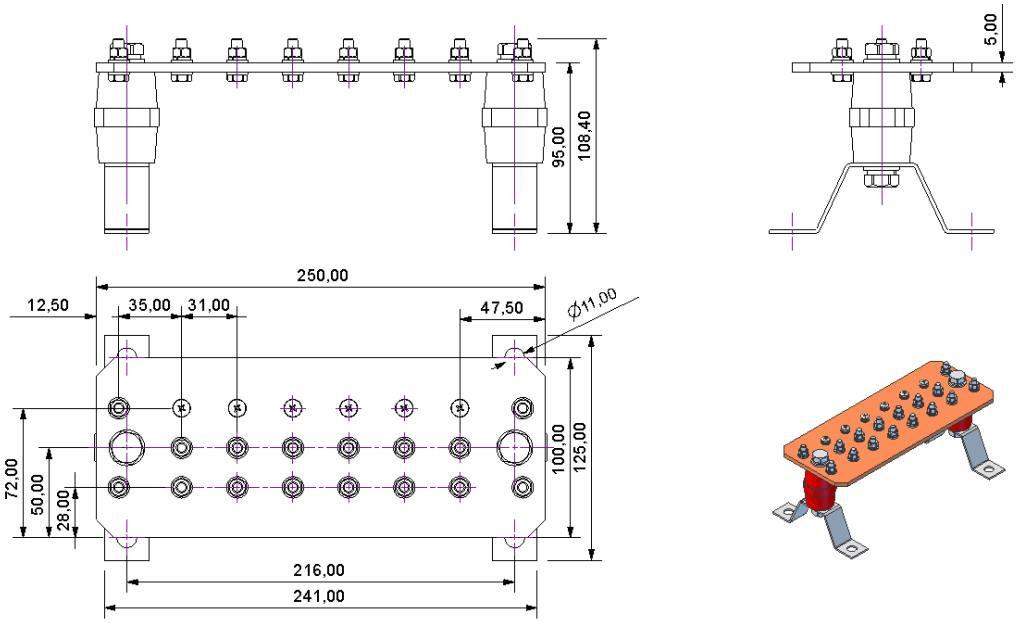


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
6	Arandela plana DIN 125 M5 INOX. A2 / Plain washer DIN 125 M5 INOX. A2
6	Arandela bloqueo DIN 7980 M5 INOX. A2 / Lock washer DIN 125 M5 INOX. A2
6	Tornillo DIN 7985 M5x12 INOX. A2 / Screw DIN 7985 M5x12 INOX. A2
32	Arandela plana DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
16	Arandela bloqueo DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
16	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
16	Tuerca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

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SCBTT-04K

Conjunto con terminal de 100x250x5 mm, 6 conexiones M5 y 16 conexiones de M6, soportes y accesorios incluidos.

Set with 100x250x5 mm terminal, 6 M5 connections and 16 M6 connections, brackets and accessories included.

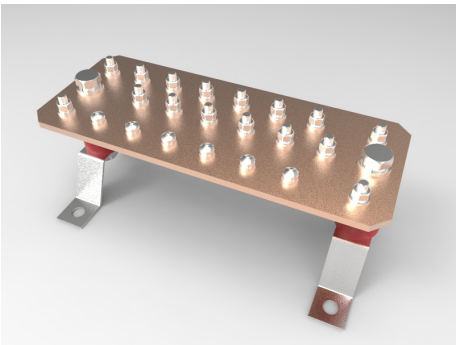
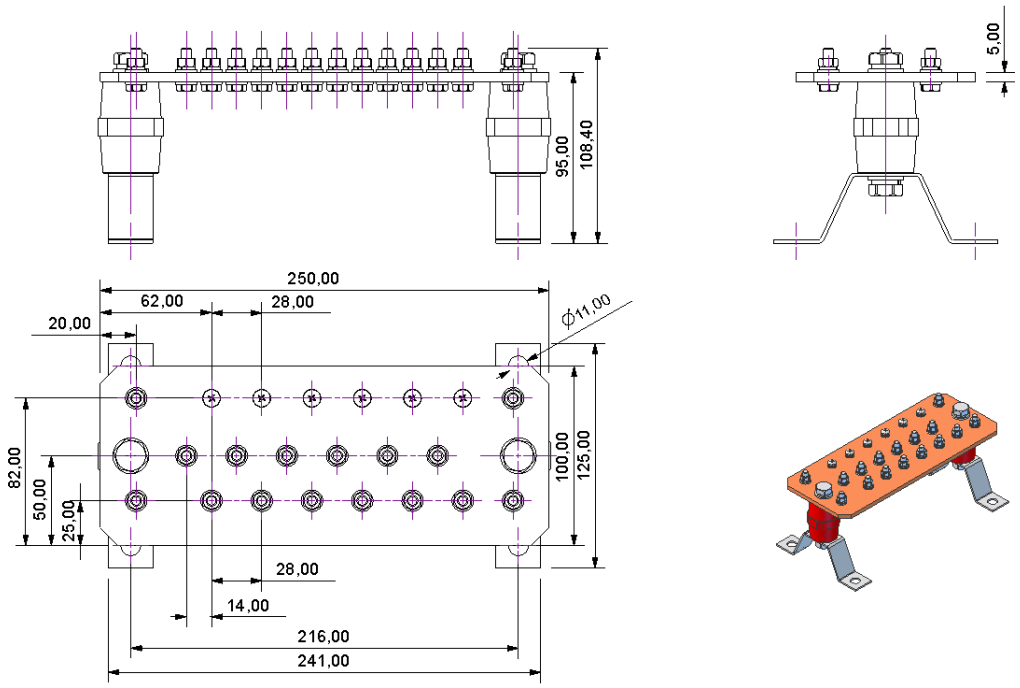


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
6	Arandela plana DIN 125 M5 INOX. A2 / Plain washer DIN 125 M5 INOX. A2
6	Arandela bloqueo DIN 7980 M5 INOX. A2 / Lock washer DIN 125 M5 INOX. A2
6	Tornillo DIN 7985 M5x12 INOX. A2 / Screw DIN 7985 M5x12 INOX. A2
32	Arandela plana DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
16	Arandela bloqueo DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
16	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
16	Tuerca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2

DIMENSIONES / DIMENSIONS



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SCBTT-05K

Conjunto con terminal de 100x300x5 mm, 18 conexiones de M10, soportes y accesorios incluidos.

Set with 100x300x5 mm terminal, 18 M10 connections, brackets and accessories included.

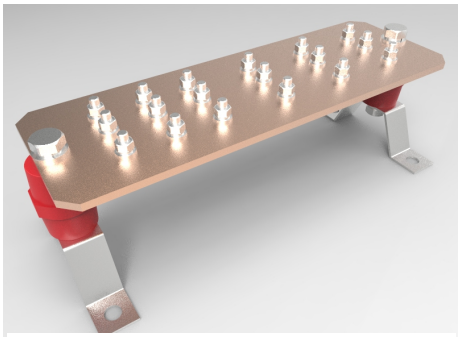
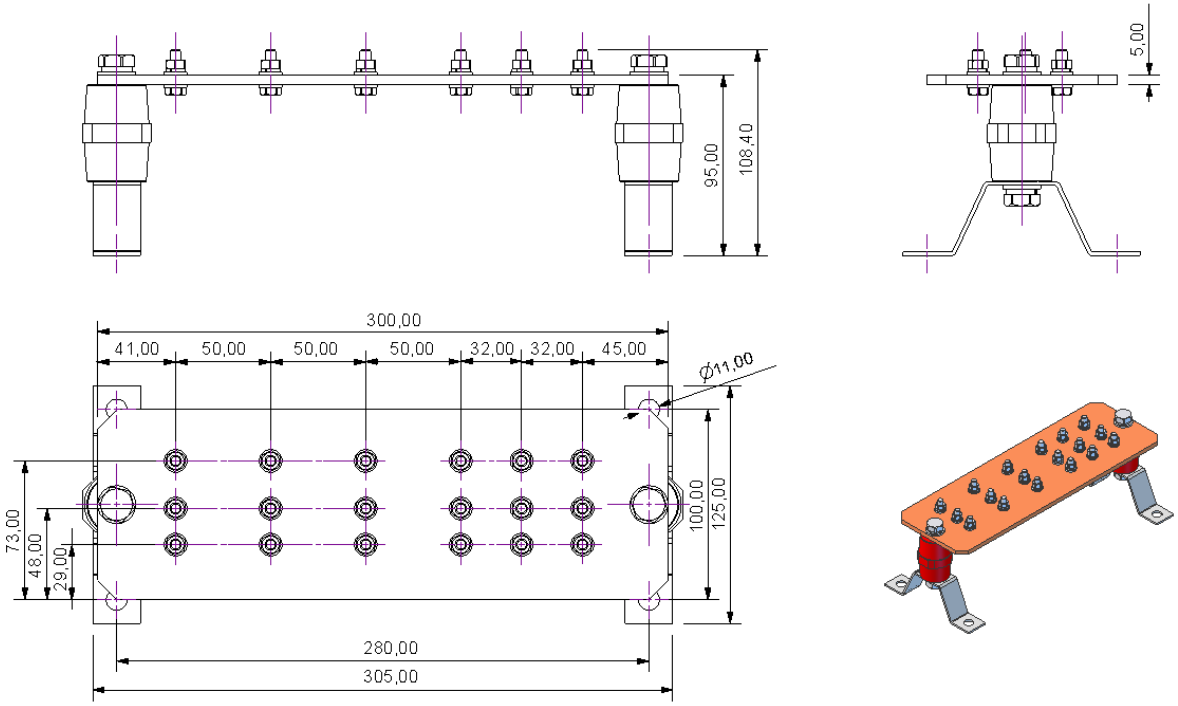


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
36	Arandela plana DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
18	Arandela bloqueo DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
18	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
18	Tuerca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSIONES / DIMENSIONS



All dimensions in mm

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SCBTT-06K

Conjunto con terminal de 100x300x5 mm., 12 conexiones M6 y 12 conexiones de M10, soportes y accesorios incluidos.

Set with 100x300x5 mm. Terminal, 12 M6 connections and 12 M10 connections, brackets and accessories included.

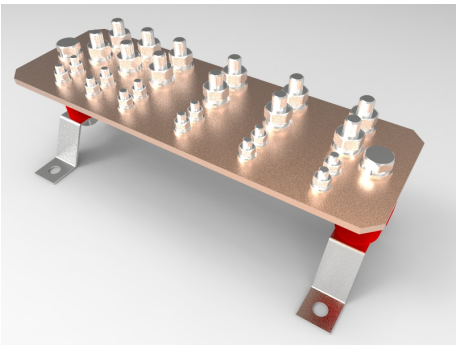
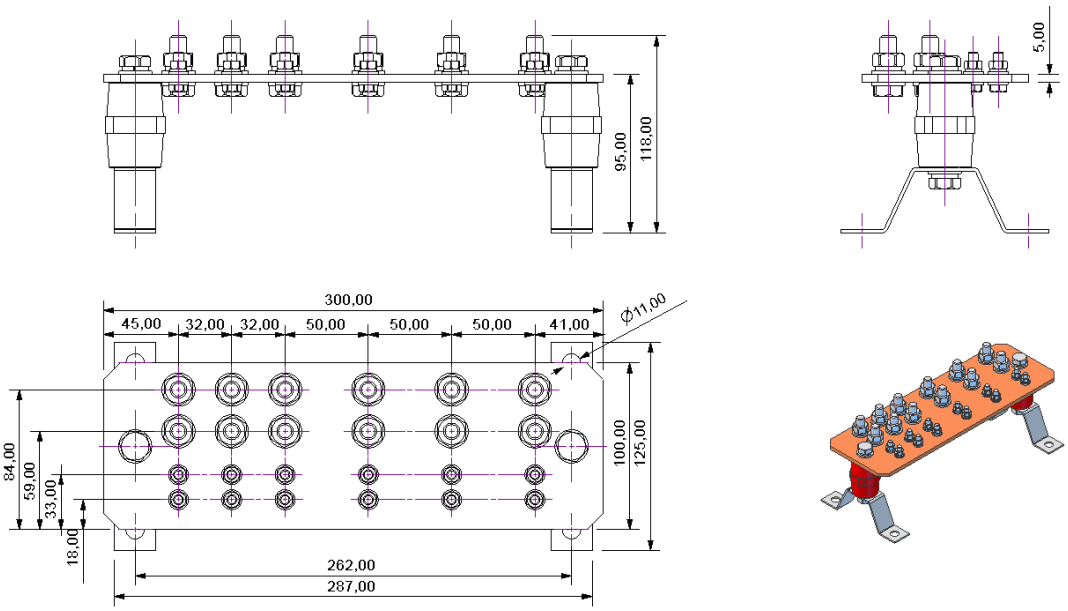


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SKTT95 (pre-ensamblados) / SKTT95 Mounting brackets (pre-assembled)
24	Arandela plan DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
12	Arandela plana DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
12	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
12	Tueca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2
24	Arandela plan DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
12	Arandela plana DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
12	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
12	Tueca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

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SCBTT-07K

Conjunto con terminal de 100x400x5 mm., 24 conexiones de M10, soportes y accesorios incluidos.

Set with 100x400x5 mm terminal, 24 M10 connections, brackets and accessories included.

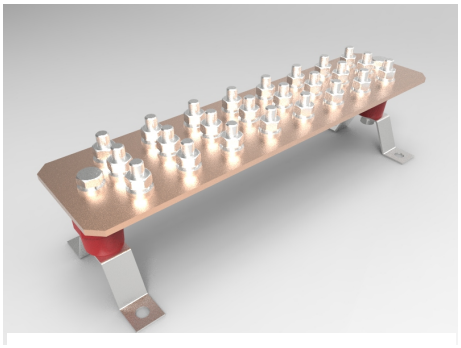
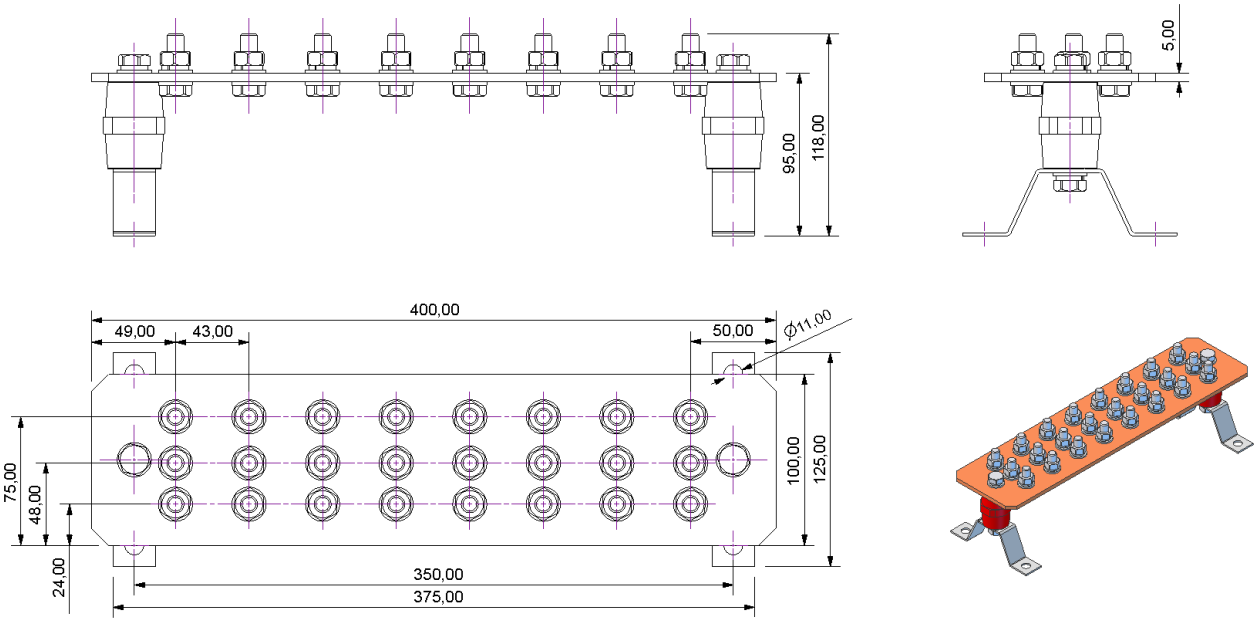


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
48	Arandela plana DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
24	Arandela bloqueo DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
24	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
24	Tuerca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSIONES / DIMENSIONS



All dimensions in mm

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SCBTT-08K

Conjunto con terminal de 100x400x5 mm., 16 conexiones M6 y 16 conexiones de M10, soportes y accesorios incluidos.

Set with 50x400x5 mm. Terminal, 16 M6 connections and 16 M10 connections, brackets and accessories included.

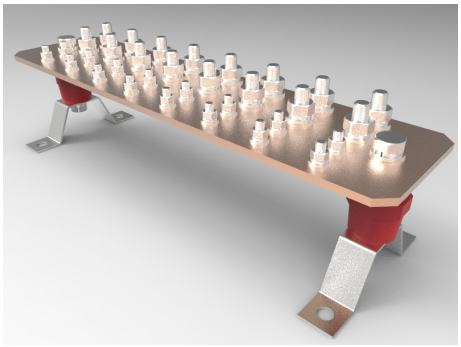
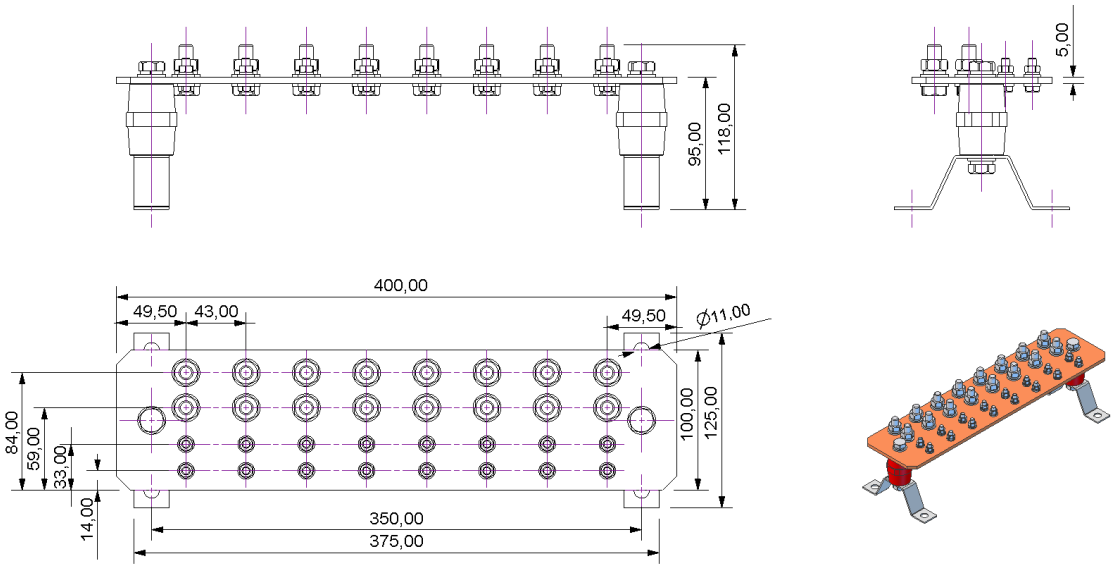


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SKTT95 (pre-ensamblados) / SKTT95 Mounting brackets (pre-assembled)
32	Arandela plan DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
16	Arandela plana DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
16	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
16	Tueca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2
32	Arandela plan DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
16	Arandela plana DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
16	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
16	Tueca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

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SCBTT-09K

Conjunto con terminal de 100x500x5 mm., 34 conexiones M6 y 34 conexiones de M10, soportes y accesorios incluidos.

Set with 100x500x5 mm. Terminal, 34 M6 connections and 34 M10 connections, brackets and accessories included.

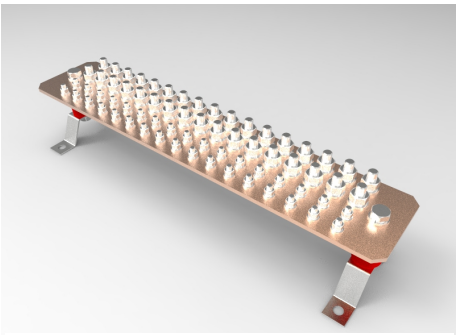
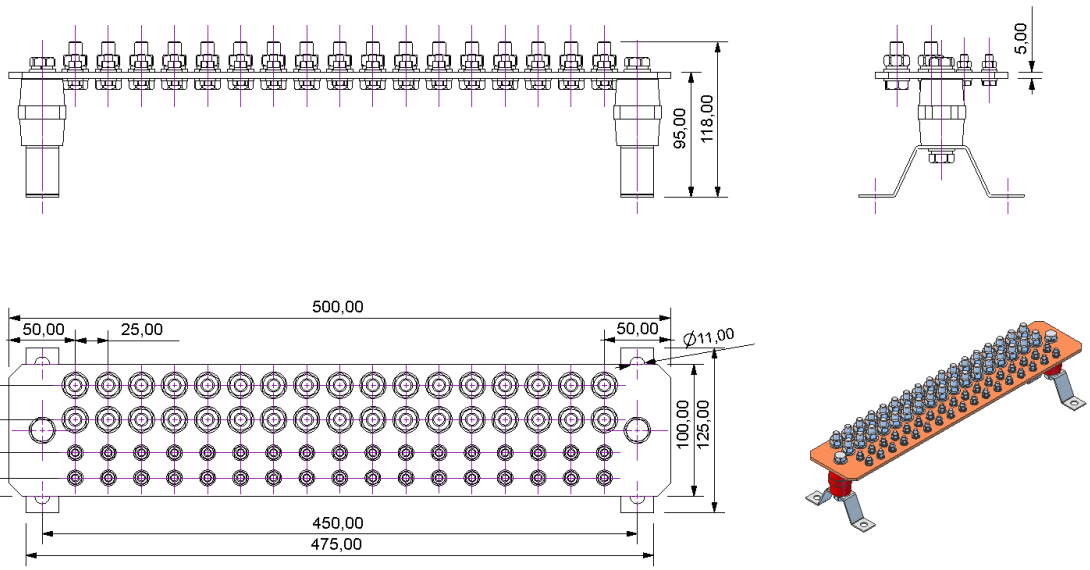


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SKTT95 (pre-ensamblados) / SKTT95 Mounting brackets (pre-assembled)
68	Arandela plan DIN 125 M6 INOX. A2 / Plain washer DIN 125 M6 INOX. A2
34	Arandela plana DIN 7980 M6 INOX. A2 / Lock washer DIN 125 M6 INOX. A2
34	Tornillo DIN 933 M6x20 INOX. A2 / Screw DIN 933 M6x20 INOX. A2
34	Tueca DIN 934 M6 INOX. A2 / Nut DIN 934 M6 INOX. A2
68	Arandela plan DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
34	Arandela plana DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
34	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
34	Tueca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

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SCBTT-10K

Conjunto con terminal de 100x500x5 mm., 36 conexiones de M10, soportes y accesorios incluidos.

Set with 100x500x5 mm terminal, 36 M10 connections, brackets and accessories included.

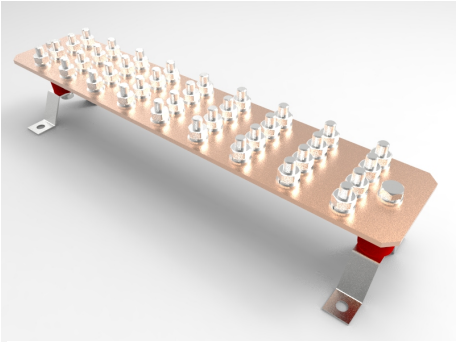
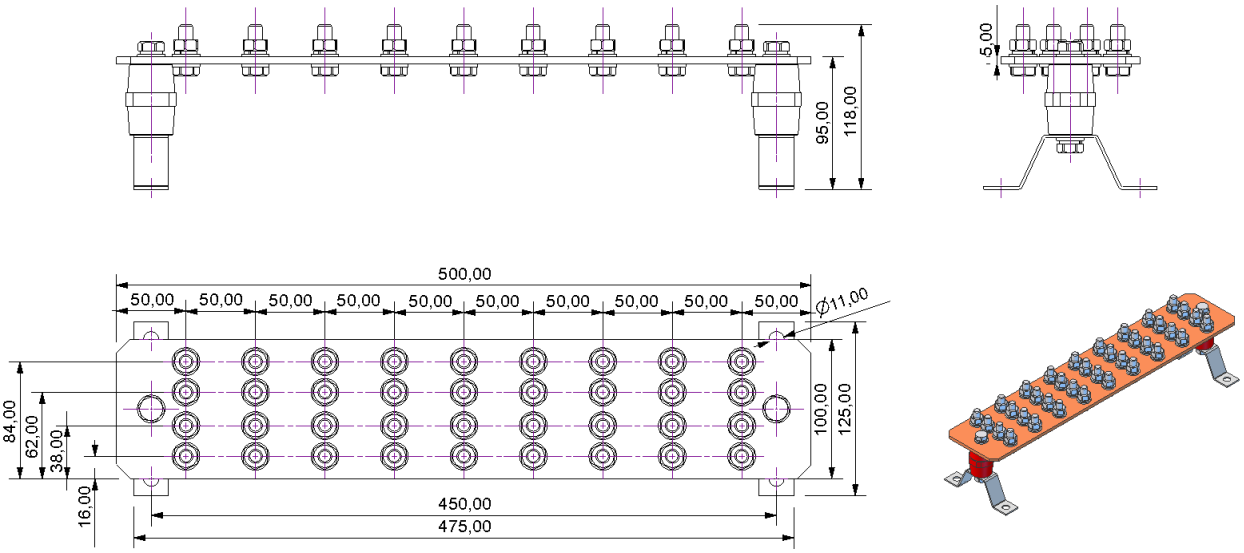


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CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
72	Arandela plana DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
36	Arandela bloqueo DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
36	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
36	Tuerca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSIONES / DIMENSIONS



All dimensions in mm

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SCBTT-11K

Conjunto con terminal de 100x500x5 mm., 27 conexiones de M10, soportes y accesorios incluidos.

Set with 100x500x5 mm terminal, 27 M10 connections, brackets and accessories included.

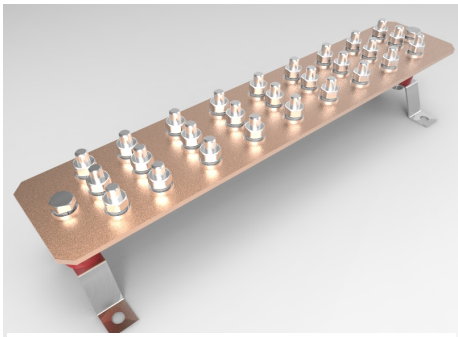
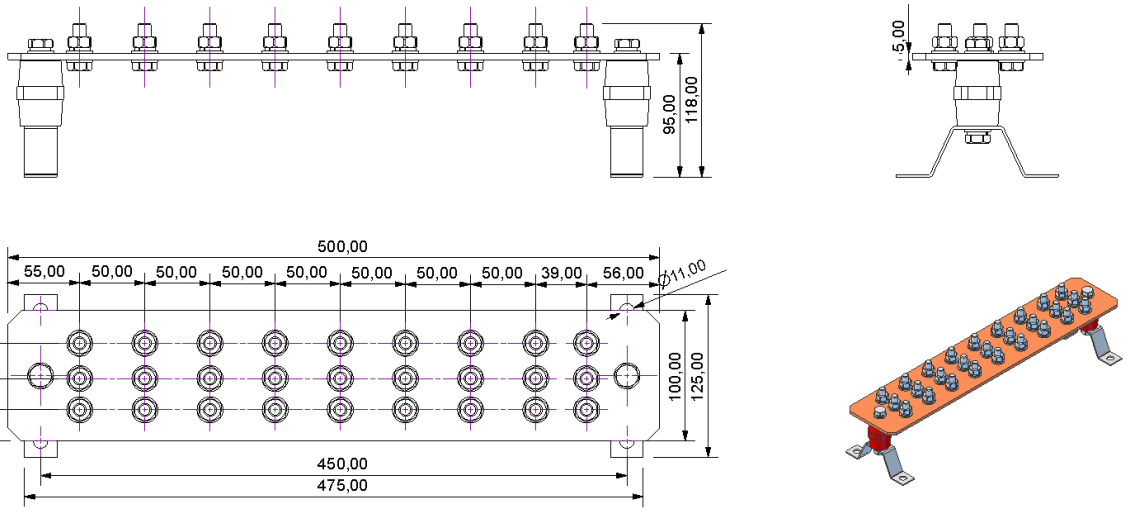


Imagen no contractual / non-contractual image

CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
54	Arandela plana DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
27	Arandela bloqueo DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
27	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
27	Tuerca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

Reserves the right to change limits, test conditions and dimensions given in this data sheet at any time without previous notice.

SCBTT-12K

Conjunto con terminal de 100x600x5 mm., 36 conexiones de M10, soportes y accesorios incluidos.

Set with 100x600x5 mm terminal, 36 M10 connections, brackets and accessories included.

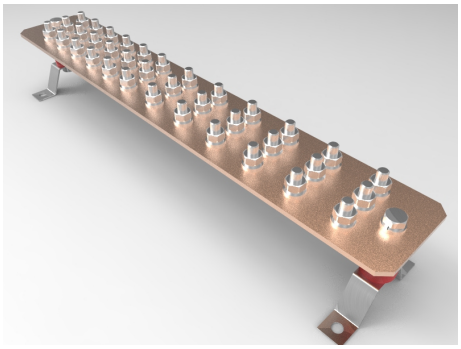
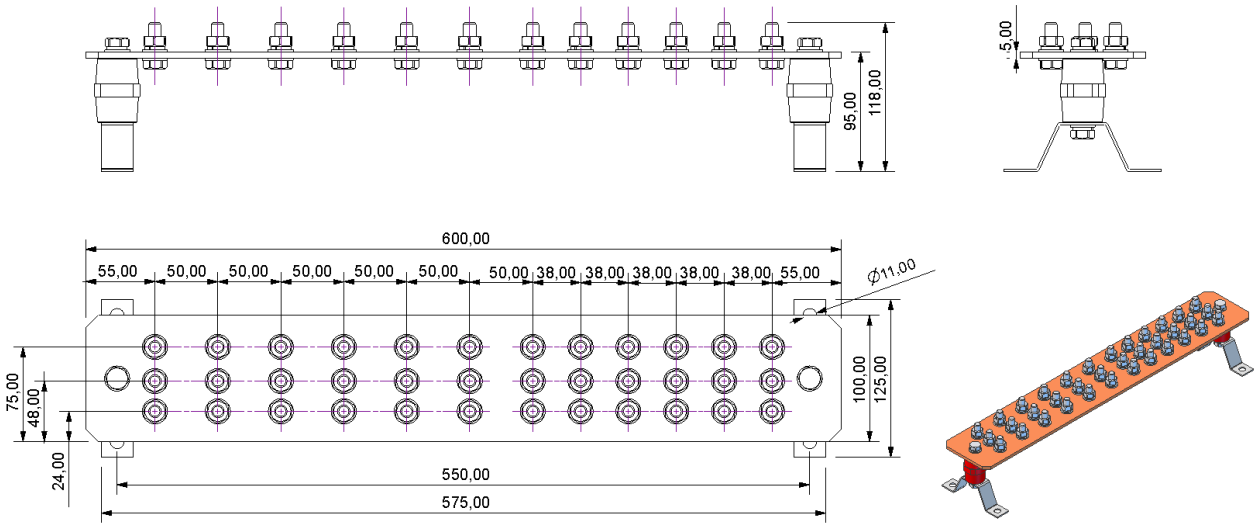


Imagen no contractual / non-contractual image

CONTENIDO / CONTENT

Cantidad Quantity	Accesorio / Accessory
2	Soportes montaje SCKTT95 (pre-ensamblados) / SCKTT95 Mounting brackets (pre-assembled)
72	Arandela plana DIN 125 M10 INOX. A2 / Plain washer DIN 125 M10 INOX. A2
36	Arandela bloqueo DIN 7980 M10 INOX. A2 / Lock washer DIN 125 M10 INOX. A2
36	Tornillo DIN 933 M10x30 INOX. A2 / Screw DIN 933 M10x30 INOX. A2
36	Tuerca DIN 934 M10 INOX. A2 / Nut DIN 934 M10 INOX. A2

DIMENSiONES / DIMENSIONS



All dimensions in mm

Reserves the right to change limits, test conditions and dimensions given in this data sheet at any time without previous notice.

Cost Effective Products

SEMICODE ELECTRONICA

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SEMICODE products include semiconductors, passive components and accessories focused in power electronics market.

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Advance Information: The product design is complete and final characterisation for volume production is well in hand.
No Annotation: The product parameters are fixed and the product is available to datasheet specification.

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