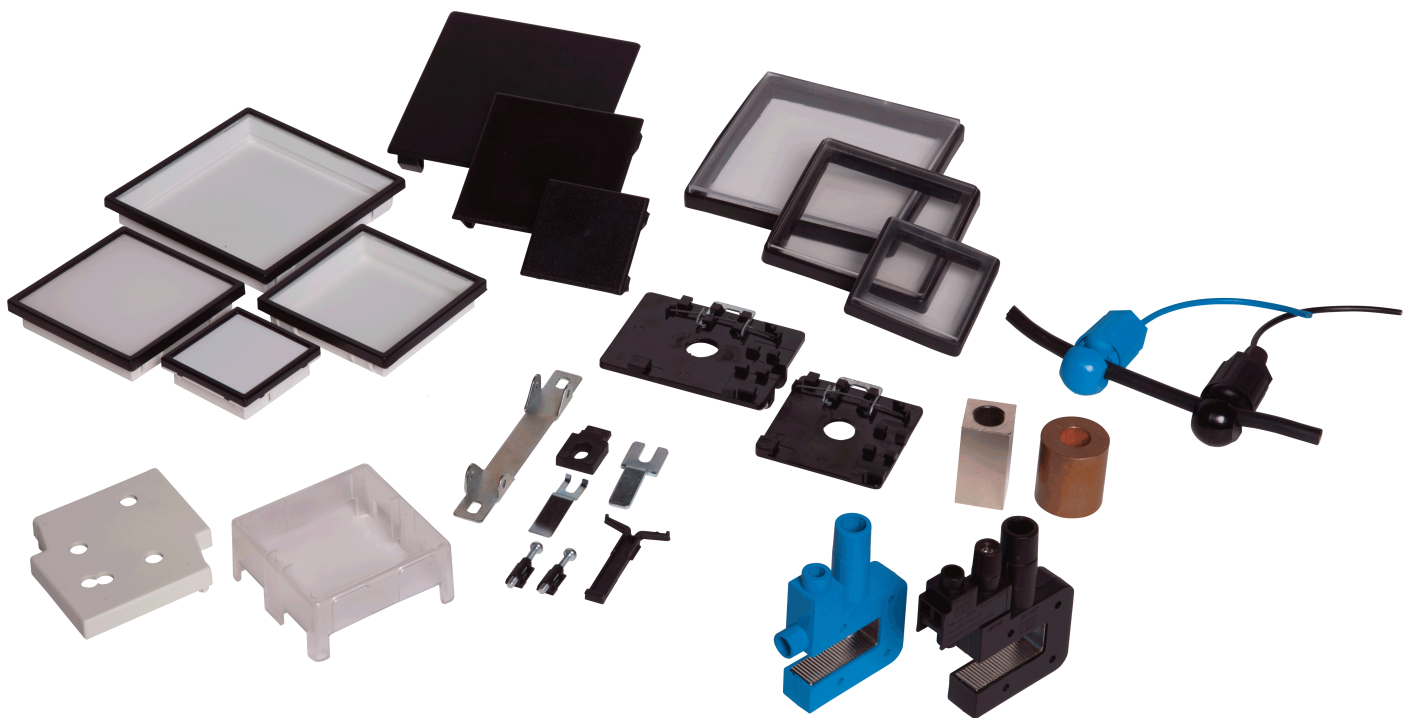




⑩ Accessories

Accessories for analogue instruments

Snap-in covers	page 10/1
Blind cover with glass	page 10/1
Mounting screws/ clips	page 10/1
Rubber gaskets	page 10/1
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Accessories for current transformers

Snap on mounting (DIN rail)	page 10/2
Mounting feet	page 10/2
Copper tubes	page 10/2

Accessories for switchboards

Power sockets	page 10/3
Connection diagram pocket	page 10/3
Pin-type insulators for indoor use	page 10/3

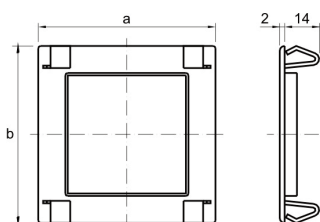
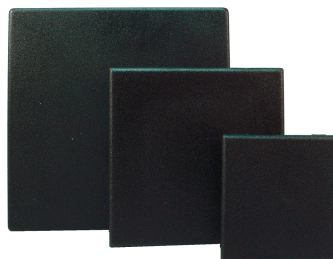
Accessories for voltage taps

Voltage taps for busbars	page 10/4
Voltage taps for round conductors	page 10/5

ACCESSORIES

ACCESSORIES FOR ANALOGUE INSTRUMENTS

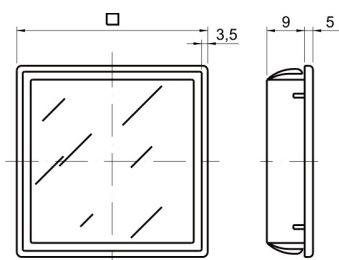
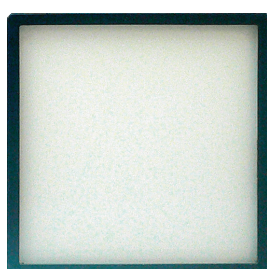
Snap-in covers



Available sizes (Dimensions in mm)

Square	
Size	Colour
48 x 48	black
72 x 72	black
96 x 96	black

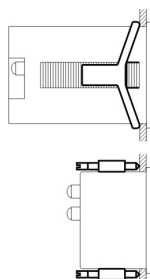
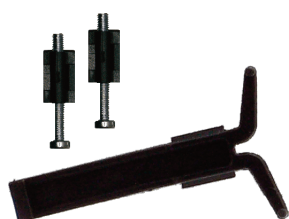
Blind cover with glass



Available sizes (Dimensions in mm)

Transparent glass		White glass	
Size	Cut - out	Size	Cut - out
48 x 48	45 x 45	48 x 48	45 x 45
72 x 72	68 x 68	72 x 72	68 x 68
96 x 96	92 x 92	96 x 96	92 x 92
144 x 144	140 x 140	144 x 144	140 x 140

Mounting screws / -Clips



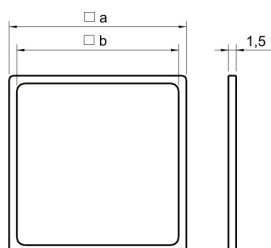
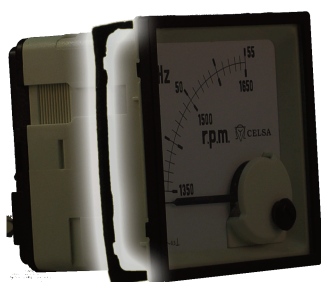
Available

Description

Plastic clips for "n" versions

Screws for "n" versions

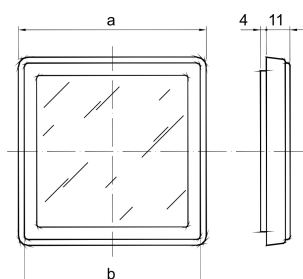
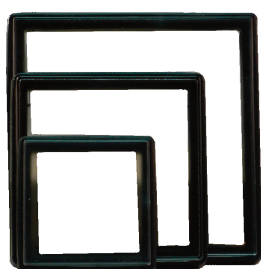
Rubber gaskets



Available sizes (Dimensions in mm)

For "n" devices (Foam rubber)	
a	b
72 x 72	68 x 68
96 x 96	92 x 92

IP65 Protection cover



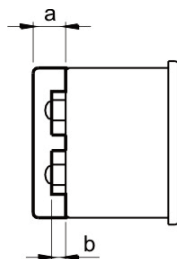
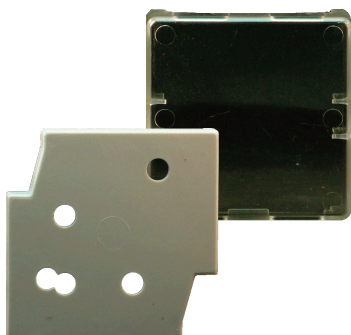
Available sizes (Dimensions in mm)

Plexiglas with rubber frame		
For standard size	a	b
48 x 48	54 x 54	50 x 50
72 x 72	78 x 78	75 x 75
96 x 96	103 x 103	99 x 99

ACCESSORIES

ACCESSORIES FOR ANALOGUE INSTRUMENTS

Terminal covers



Available sizes (Dimensions in mm)

Plastic (Clear / White)		
For standard size	a	b
48 x 48	9	-
72 x 72	22	5
96 x 96	22	5
144 x 144	9	-

ACCESSORIES FOR CURRENT TRANSFORMERS

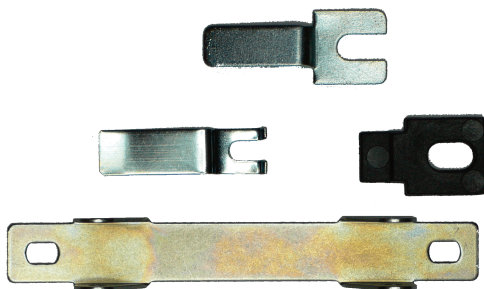
Snap on mounting (DIN rail)



Available for the following CT

IB - Serie	AST - Serie
IBA, IBP	AST...
IB, IB-50	WST40
IBG, IBG-50	SMU
IBO	SMU/I

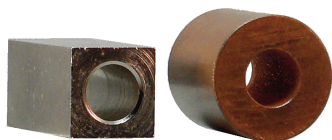
Mounting feet



Available for the following CT

IB - Serie	AST - Serie
IBA, IBP	AST...
IB, IB-50, IBG, IBG-50	WST40
IBR, IBR/1, IAP, IAM, IAG	SMK, SMK/I
IBO	SMG, SMG/I

Cooper - tubes



Available for the following CT

IB - Serie	AST - Serie
IBD-1 -> Width: 60 mm (da = 20x20 mm, di = 12,5 mm)	CU-Hülse -> Width: 32 mm (da = 28 mm, di = 12,5 mm)
IBD-2 -> Width: 40 mm (da = 20x20 mm, di = 12,5 mm)	CU-Hülse -> Width: 32 mm (da = 42 mm, di = 12,5 mm)

ACCESORIES

ACCESORIES FOR SWITCHBOARDS

DIN power sockets



Technical Data / Dimensions in mm

Execution	For snapp on DIN rail	
	standard	with green LED *
Lenght/Width/Height	87 / 44 / 61	87 / 44 / 61
Rated current	16 A	16 A
Material	PA 6	PA 6
Colour	similar RAL 7035	similar RAL 7009
Weight	97 g	97 g

* on request

Connection diagrams pockets



Available sizes (Dimensions in mm)

Type	DIN A4-02	DIN A4-05	DIN A4-06	DIN C-07
Width	264	180	140	210
Height	236	240	170	130
Deep	30	33	10	7
Material	Polystyrol	Polystyrol	Polystyrol	Polystyrol
Colour	RAL 7035	clear	clear	clear
Weight	97 g	90 g	154 g	97 g

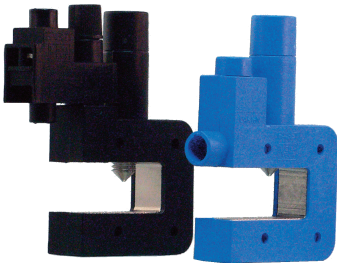
Connection diagrams pockets



Available sizes

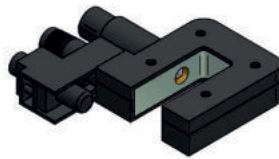
Dimensions	Creepage resistance 1 min.	Voltage force	Max. torque	Break force
M6 x 30	10 kV	3,0 kN	15 Nm	2,0 kN
M8 x 30	10 kV	5,0 kN	20 Nm	2,0 kN
M6 x 35	10 kV	5,0 kN	15 Nm	2,0 kN
M8 x 35	10 kV	5,0 kN	20 Nm	2,0 kN
M8 x 40	10 kV	7,5 kN	20 Nm	3,0 kN
M10 x 40	10 kV	7,5 kN	25 Nm	3,0 kN
M10 x 50	10 kV	10,0 kN	25 Nm	3,5 kN
M12 x 50	10 kV	10,0 kN	30 Nm	3,5 kN

VSP - Voltage taps for busbars

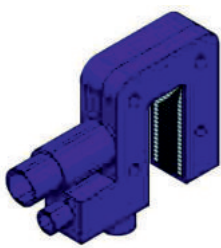


VSPL4

Terminal voltage tap for bus bar with integrated fuse

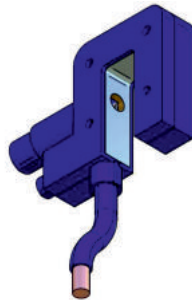


The VSP of insulated busbar terminals let you connect your instruments to live busbars. A fuse holder is an integrated part of this terminal, proving you with protection at the source. The terminal can be installed directly onto the busbar using an insulated Allen key driver. This makes the installation of this unique product a one handed exercise. The fuse holder is mounted directly on the metal that makes contact with the busbar, thereby providing a secure connection with a high short circuit rating. For connection to the Neutral bar, the model VSP provides an unfused connection.



VSPN16

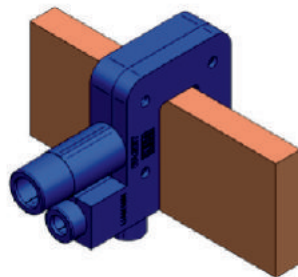
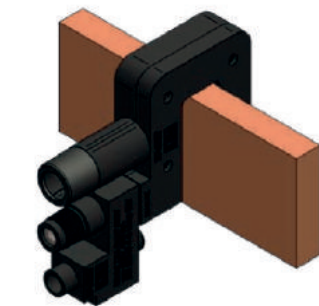
Terminal voltage tap for bus bar without fuse



VSP.. General Features

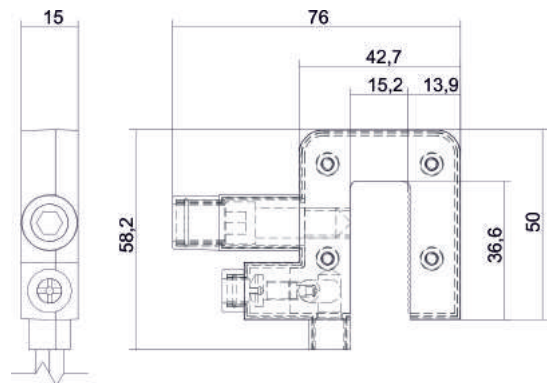
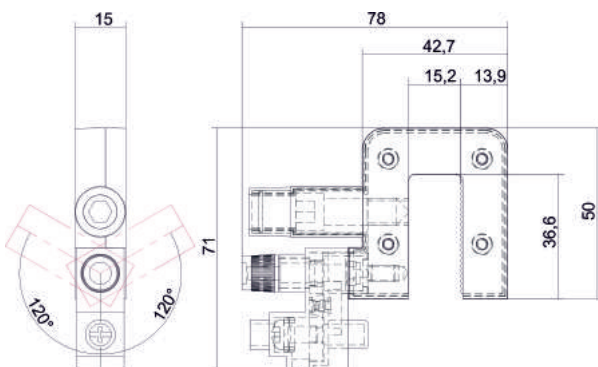
General	
Maximum voltage	690 V
Test voltage / spike	3 kV/50 Hz / 6 kV
Max. current	10 A
Isolation class	E (max 120 °C)
Fuse type	5x25 mm (with indicator) 10 A SIBA DIN 41576-2
Short circuit rating	70 kA @ 400 V/50 Hz
IP rating	IP20
Ambient temperature	-5...+40 °C ¹⁾
Temperature rise busbar	Max. 75 K ¹⁾
Busbar connection	Via Allen key bolt M8
Allen key size	Number 6
Busbar thickness	Max. 15 mm / min. 4 mm
Housing	Polyamide (PA6.6)
Material terminal	Nickel plated brass

¹⁾Max. temperature of the busbar: 120°
(Sum of the busbar temperature rise and the ambient temperature)



VSPL4

VSPN16



VSP... Executions			
Type	Description	Colour	Connection
VSPL4	Fused phase terminal	black	1,5-4mm ²
VSPL16	Phase terminal	black	0-16mm ²
VSPN16	Neutral terminal	blue	0-16mm ²

Set with 3 x VSPL4 and 1 x VSPN16

VSR6 - Voltage for round conductors



- One-handed and safe tapping of voltage for measurement purposes
- No tools needed
- Safe mounting
- Including 5x25mm, 2A fuse
- For insulated 2.5-6 mm² conductors, stranded and solid (rigid) and flexible wire

In existing installations there is rarely a fused terminal available for measurement purposes. This unique tapping clamp allows you to tap a fused voltage from an insulated wire for measurement using one hand and without the need for additional tools. The fuse is mounted directly on the primary conductor, which results in an optimum degree of safety. This unique product is a breakthrough for fast and safe measurement in existing installations. The VSR...n is available in a fused and non used version.

VSR6.. General Features

Safety conditions

CE directive Standard	Low voltage directive 2006/96/EC IEC 60998 (clamp), IEC 60947 (fuse)
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Environmental conditions

Standard	IEC 60721-3-3: 1996
Class	3K3
Operating temperature	+5°C ...+55°C
Relative humidity	5%..85%, non condensing
Operation height	0... 200m over Nm
Protection degree	IP20, basic insulation
Pollution degree	2
Measurement degree	CAT III

Application conditions (suitable for Conductors with basic insulation)

Insulation material	PVC or XLPE
Wire diameter	3 - 5mm (2,5 - 6mm ²)
VSR6 - R	Rigid wire (solid, stranded)
VSR6 - F	Flexible wire
U _{max}	400V AC

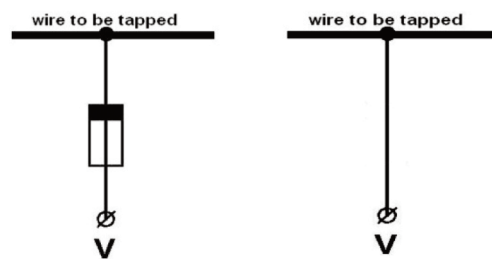
Test Voltage

I _{max}	2 A
Voltage drop	< 500m V AC
Fuse (VSR6-R)	2A, 450V, F, 70kA, 5x25mm, Keramic (SIBA Part.no. 7008913.2)
Sec. lead	1mm ² flexible, 50cm, end-sleeve
Use	Multiple use, max. 24 times
Torque	1.5 - 2.0 Nm

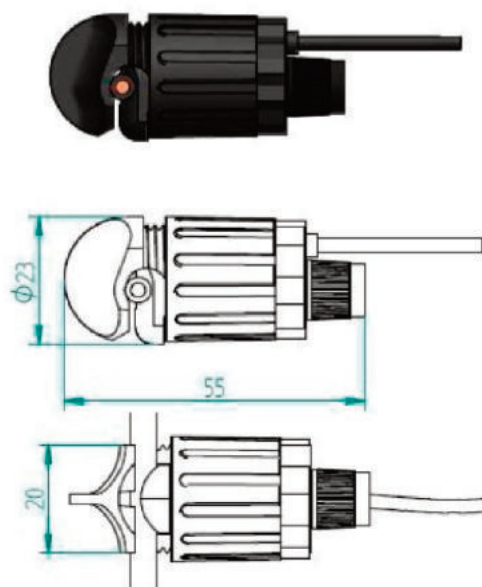
Storage

Temperature	-20°C ...+70°C
Relative humidity	5% ...85%, non condensing
Weight	28gr.
Dimensions	diameter 23mm, height 59mm
Material	PA 6.6, UL94 V2

Wiring diagrams:



Dimensions:



VSR6... Executions

Type	Cable dimension
VSR6-R	fused, for 2.5-6mm ² rigid (solid, stranded) wire
VSR6-F	Phase terminal, for 2.5-6mm ² rigid (solid, stranded) wire

Set with 3 x VSR6-F and 1 x VSR6-R



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