



ZERA

ESCBx00-ESVBx00
Product Catalogue

Doc.No: 100352723
Version from: 01.07.2021

Device



ESCB200 Electronic Compensated Standard Current Burden

The programmable electronic compensated standard current burden ESCB can be used as load for manual, semiautomatic and automatic tests of current instrument transformers. The ESCB is characterized particularly by the user-friendly menu guidance using function keys and 5,9" LCD display.

Ord.No. **101317801**



ESVB200 Electronic Compensated Standard Voltage Burden

The programmable electronic compensated standard voltage burden ESVB can be used as load for manual, semiautomatic and automatic tests of voltage instrument transformers. The ESVB is characterized particularly by the user-friendly menu guidance using function keys and 5,9" LCD display.

Ord.No. **101316301**



ESCB100 Electronic Compensated Standard Current Burden

The burdens ESCB100 is used for manual testing of instrument transformers acc. to IEC or ANSI/IEEE at fixed 3 secondary current ranges 1 A, 2 A and 5 A with **fixed burden steps at 50 Hz or 60 Hz** as load. Please see the datasheet for more information.

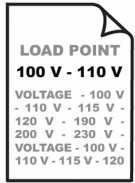
Ord.No. **101317701**



ESVB100 Electronic Compensated Standard Voltage Burden

The burdens ESVB100 is used for manual testing of instrument transformers acc. to IEC or ANSI/IEEE at 6 fixed secondary voltage ranges (to be defined) with **fixed burden steps at 50 Hz or 60 Hz** as load. Please see the datasheet for more information.

Ord.No. **101316001**



Secondary Voltage Range

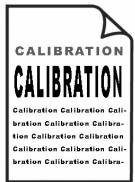
A total of 6 voltage ranges can be selected.

00=100 V, **01**=110 V, **02**=115 V, **03**=120 V, **04**=190 V, **05**=200 V, **07**=100/3 V, **08**=110/3 V, **09**=1115/3 V, **10**=120/3 V, **11**=190/3 V, **12**=200/3 V, **14**=100/√3 V, **15**=110/√3 V, **16**=115/√3 V, **17**=120/√3 V, **18**=190/√3 V, **19**=200/√3 V, **50**=100 V, 110 V, 100/√3 V, 110/√3 V, 100/√3 V, 115 V, 120 V, **51**=100 V, 100/√3 V, 110 V, 110/√3 V, 120 V, 120/√3 V,

Ord.No. **1013166xx**

xx please select the voltage range

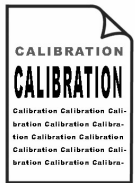
Factory Calibration for New Instrument



Factory Calibration for NEW ESCB200, 50Hz/60Hz/ANSI incl. ZERA calibration report.

Ord.No. **100007080**

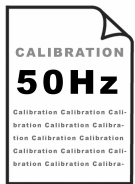
This article applies only for a purchase of new device.



Factory Calibration for NEW ESVB200, 50Hz/60Hz/ANSI incl. ZERA calibration report.

Ord.No. **100007081**

This article applies only for a purchase of new device.



Factory Calibration for NEW ESCB100, 50 Hz incl. ZERA calibration report

Ord.No. **101242314**

This article applies only for a purchase of new device.



Factory Calibration for NEW ESCB100, 60 Hz incl. ZERA calibration report

Ord.No. **101242315**

This article applies only for a purchase of new device.



Factory Calibration for NEW ESVB100, 50 Hz
incl. ZERA calibration report

Ord.No. **101242310**

This article applies only for a purchase of new device.



Factory Calibration for NEW ESVB100, 60 Hz
incl. ZERA calibration report

Ord.No. **101242311**

This article applies only for a purchase of new device.

DAkKS DKD-Calibration for Instrument



DAkKS Calibration for ESCB200, 50 Hz
incl. DKD Calibration Certificate

Ord.No. **100006880**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



DAkKS Calibration for ESCB200, 60Hz
incl. DKD Calibration Certificate

Ord.No. **100006889**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



DAkKS Calibration for ESVB200, 50 Hz
incl. DKD Calibration Certificate

Ord.No. **100006881**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.

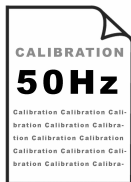


DAkKS Calibration for ESVB200, 60Hz
incl. DKD Calibration Certificate

Ord.No. **100006890**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



DAkKS Calibration for ESCB100, 50 Hz
incl. DKD calibration Certificate

Ord.No. **101173925**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.

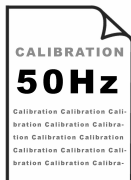


DAkKS Calibration for ESCB100, 60 Hz
incl. DKD calibration Certificate

Ord.No. **101173926**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



DAkKS Calibration for ESVB100, 50 Hz
incl. DKD calibration Certificate

Ord.No. **101173923**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



DAkKS Calibration for ESVB100, 60 Hz
incl. DKD calibration Certificate

Ord.No. **101173924**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.

Power Cords for Mains



Power cord "Class I grounded plug type E/F to IEC 60320 C13", 2.5 m

Ord.No. **M00481004**

For supply via power socket.

- 1x class I grounded plug type E/F (CEE 7/7)
- 1x socket IEC 60320 C13, angled



Power cord "Plug type B to IEC 60320 C13", 2.5 m

Ord.No. **X00006459**

For supply via power socket.

- 1x plug type B
- 1x socket IEC 60320 C13



Power cord "Plug type I to IEC 60320 C13", 2.5 m

Ord.No. **X00006460**

For supply via power socket.

- 1x plug type I (AS/NZS 3112, 3-pin)
- 1x socket IEC 60320 C13



Power cord "Plug type G (BS 1363) to IEC 60320 C13", 2.5 m

Ord.No. **X00009832**

For supply via power socket.

- 1x Plug type G (BS 1363)
- 1x socket IEC 60320 C13

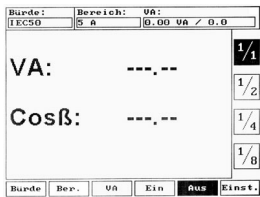


**Power cord "Plug type H"
to IEC 60320 C13", 1.8 m**
For supply via power socket.

- 1x Plug type H
- 1x socket IEC 60320 C13

Ord.No. **100929903**

Software



**Software option for integrate additional nominal
voltages**
for testing of VT
230/3 V - 230/√3 V - 230 V

Ord.No. **100078820**

Standard Accessories (see also Special Accessories)

Set - Fuse 1,6 A / time-lag Type
10 pcs.

Ord.No. **101393500**



Set - Fuse 3,15 A /semi time-lag Type
10 pcs.

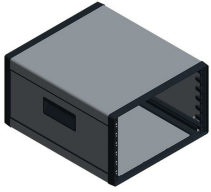
Ord.No. **101393600**



High voltage protection box HVP100
Please see datasheet HVP100_MAN_EXT_EN_V100.pdf
for more information.

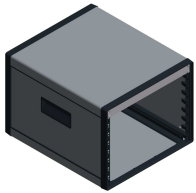
Ord.No. **101304900**





Desktop case for ESVB100/200
 Desktop case for ESVB100 or ESVB200, rear side open

Ord.No. **101435500**



Desktop case for ESCB100/200
 Desktop case for ESCB100 or ESCB200, rear side open

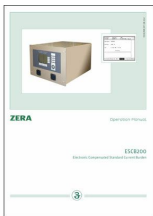
Ord.No. **101435600**

Documentation



Complete documentation as pdf files on USB Stick

Ord.No. **100090716**



Documentation ESCB200
 01 Operation manual (german) 100369000
 01 Interface description (english) 100369061

Ord.No. **100369100**



Documentation ESVB200
 01 Operation manual (german) 100369010
 01 Interface description (english) 100369061

Ord.No. **100369110**

**Documentation ESCB200**

1 Operation manual (english)
1 Interface description (english)

100369001
100369061

Ord.No. **100369101**

**Documentation ESVB200**

1 Operation manual (english)
1 Interface description (english)

100369011
100369061

Ord.No. **100369111**

**Operation manual ESCB100 (german)**

Ord.No. **100369120**

**Operation manual ESCB100 (english)**

Ord.No. **100369121**

**Operation manual ESVB100 (german)**

Ord.No. **100369130**



Operation manual ESVB100 (english)

Ord.No. **100369131**

Readjustment (only for Service)



Adjustment of ESCB200

Ord.No. **100033880**

Note: Calibration and Calibration report are not included.

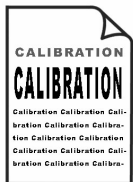


Adjustment of ESVB200

Ord.No. **100033881**

Note: Calibration and Calibration report are not included.

Factory Calibration (only for Service)

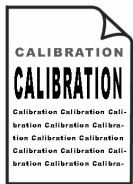


**Factory Recalibration for ESCB200,
50 Hz / 60 Hz / ANSI**
incl. ZERA calibration report.

Ord.No. **100890825**

Load points according to ZERA regulations.
Summary of used load points can be downloaded at www.zera.de.

Additional load points are subject to charges.

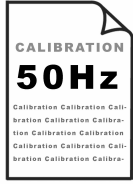


**Factory Recalibration for ESVB200,
50 Hz / 60 Hz / ANSI**
incl. ZERA calibration report.

Ord.No. **100890826**

Load points according to ZERA regulations.
Summary of used load points can be downloaded at www.zera.de.

Additional load points are subject to charges.



Factory Recalibration for ESCB100, 50 Hz
incl. ZERA calibration report

Ord.No. **101242316**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



Factory Recalibration for ESCB100, 60 Hz
incl. ZERA calibration report

Ord.No. **101242317**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



Factory Recalibration for ESVB100, 50 Hz
incl. ZERA calibration report

Ord.No. **101242312**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.



Factory Recalibration for ESVB100, 60 Hz
incl. ZERA calibration report

Ord.No. **101242313**

Load points according to ZERA regulations.
Summary of used load points
can be downloaded at www.zera.de.

Additional load points are subject to charges.

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Notes on using the product catalogue

When ordering, always state the order number.

Pictures can differ from original product.

We follow ZVEI terms of delivery, see on www.zera.de