



TYPE

Phao 4.5/182/1

07.03.2023

Rev 0

Artikel:

5961-56924-01

NOMINAL RATINGS

Rated output	Qn	182,00 kvar
Rated voltage	Un	4,50 kV rms
Capacitance	Cn	28,61 μ F
Rated current	In	50,6 A
Frequency	fn	50 Hz
Isolation level	Ui	28/75 kV BIL
Internal fuse		YES
Pressure switch		NO
Discharge resistor		600sec/75V
Installation		indoor
Connection	I	single phase

BUSHING**D-401**

Number	2
Material	Porcelain
Flash over distance	163 mm
Creepage distance	317 mm
Terminal	M 16

Standard

IEC60871-1

OPERATING TEMPERATURE

Minimum ambient:	Tmin	-25 °C
Maximum ambient:	Tmax	+50 °C

STORAGE TEMPERATURE (>3 month)

	In original packing	Unpacked
Tmin	-30 °C	-30 °C
Tmax	+40 °C	+50 °C

TECHNOLOGY

TECHNOLOGY	Allfilm
Dielectric	Polypropylene
Filling material	C101
Quantity of filling mat.	6,7 l

DESIGN DATA

Weight	31 kg
Casing material	Stainless steel ED
Painting	RAL 2004
Mounting position	vertical *)
Dimensions	345*110*475 mm

ROUTINE TEST

Test voltage	
Terminal/Terminal	9.000 VAC,10s
Terminal/Terminal	18.000 VDC,10s
Terminal/Case	28.000 VAC,10s

DRAWING

ME-725-212-001	HT	750 mm
	HB	235 mm
	H	475 mm
	A	150 mm
	M	16 mm

*) From electrical perspective, ESTA Capacitors can be erected vertically as well as horizontally

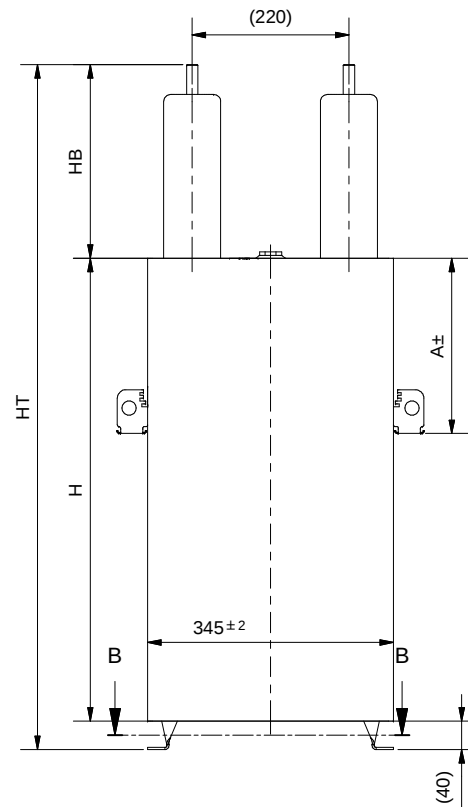
Vishay Electronic GmbH, Dr.-Felix-Zandman-Platz 1, D-95100 Selb, Amtsgericht/County Court Hof, HRB 1895
Geschäftsführer/Managing Directors: Werner Gebhardt, Torsten Müllner, Günther Volkmann
Vorsitzender des Aufsichtsrats/Chairman of the Supervisory Board: Erich Schädlich

www.vishay.com[Please click here for ZVEI safety instructions](#)

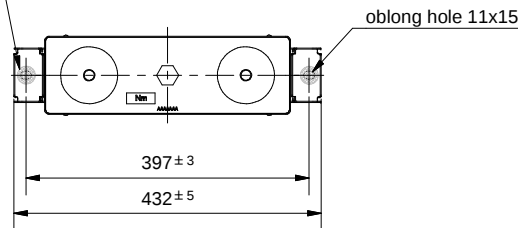
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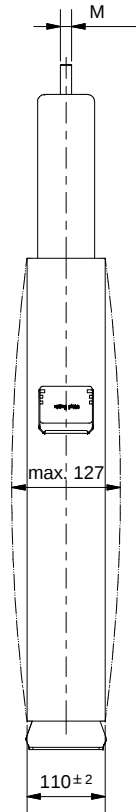
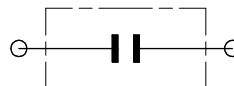
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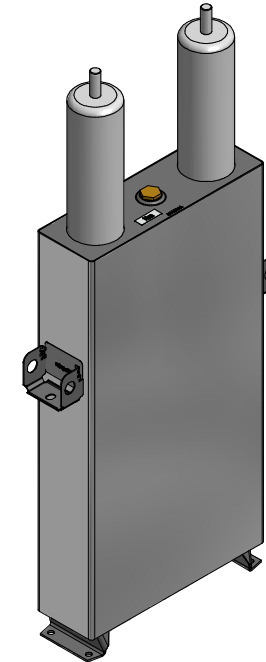
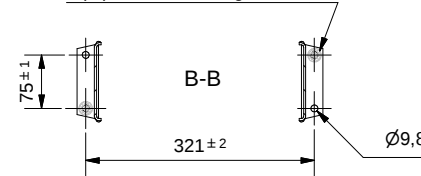
without paint on both sides
equipotential bonding 2x Ø25



Circuit diagram:



without paint on both sides
equipotential bonding 2x Ø19



**PRELIMINARY DRAWING
FOR INFORMATION ONLY**
Entwurfszeichnung - nur zur Information

PERMISSIBLE TOLERANCES ISO 2768: c					
APPLICATION FOR:					
DIMENSIONS IN: mm	SCALE: 1 : 7,5 A3				
MODEL: ME-725-212-001e-A2 - Stammpause.iam					
SPECIFICATION No.:		INDEX	REVISION		DATE NAME
DRAWN: 21.09.2015	MATERIAL:	DESIGNATION: Capacitor Type: Phao			
sgerstl	WEIGHT: -				
CHECKED: 31.08.2016	SUBST. FOR:				
pschmidt	SUBST. BY:	REMARK: ME-725-212-001			
 DIN ISO 128-30	STATUS:				
Hofmark-Aich-Str. 36 84030 Landshut Germany		VISHAY ESTA Capacitors Division		DWG-No.: SAP: XXXX-XXXXX ME-725-212-001e-A2 EDV-No.: ME-725-212-001e-A2 - Stammpause.dwg	
					