



TYPE

Phafo 12.7/616.67/1

10.07.2017

Artikel:

5961-62984-01

NOMINAL RATINGS

Rated output	Qn	616,67 kvar
Rated voltage	Un	12,70 kV rms
Capacitance	Cn	12,17 μ F
Rated current	In	48,6 A
Frequency	fn	50 Hz
Isolation level	Ui	50/125 kV BIL
Internal fuse		YES
Pressure switch		NO
Discharge resistor		600sec/75V
Installation		outdoor
Connection	I	single phase

BUSHING

D-404

Number	2
Material	Porcelain
Flash over distance	193 mm
Creepage distance	472 mm
Terminal	M 16

Standard

IEC60871-1

OPERATING TEMPERATURE

Minimum ambient:	Tmin	0 °C
Maximum ambient:	Tmax	+45 °C

STORAGE TEMPERATURE (>3 month)

Ambient	Tmin	-30 °C
Ambient	Tmax	+40 °C

TECHNOLOGY

Dielectric	Allfilm
Filling material	Polypropylene
Quantity of oil	C101
	15,8 l

DESIGN DATA

Weight	80 kg
Casing material	Stainless steel ED
Painting	RAL 7033
Mounting position	vertical *)
Dimensions	345*175*840 mm

ROUTINE TEST

	<i>Test voltage</i>	
Terminal/Terminal		25.400 VAC,10s
Terminal/Terminal		50.800 VDC,10s
Terminal/Case		50.000 VAC,10s

DRAWING

ME-723-212-001	HT	1145 mm
	HB	265 mm
	H	840 mm
	A	246 mm
	M	16 mm

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

Vishay Europe Sales GmbH

Dr.-Felix-Zandman Platz-1, D-95100 Selb, Germany

Amtsgericht/County Court Hof HRB 2894,

Geschäftsführer/Managing Directors:

Stefan Fischer, Werner Gebhardt, Arnold Rohr

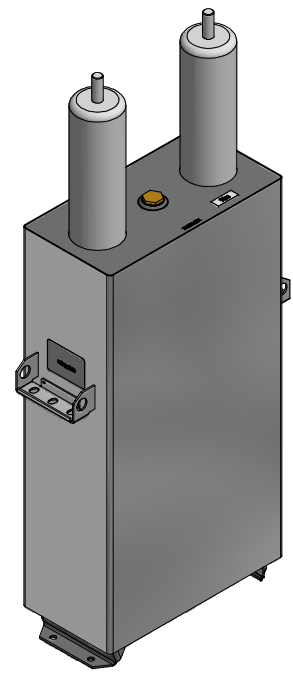
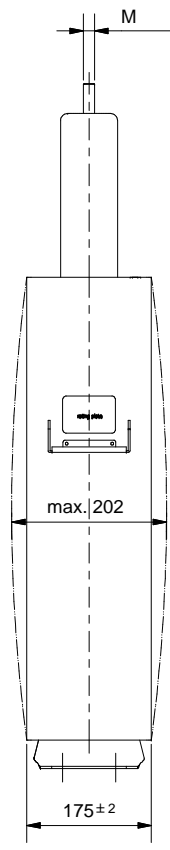
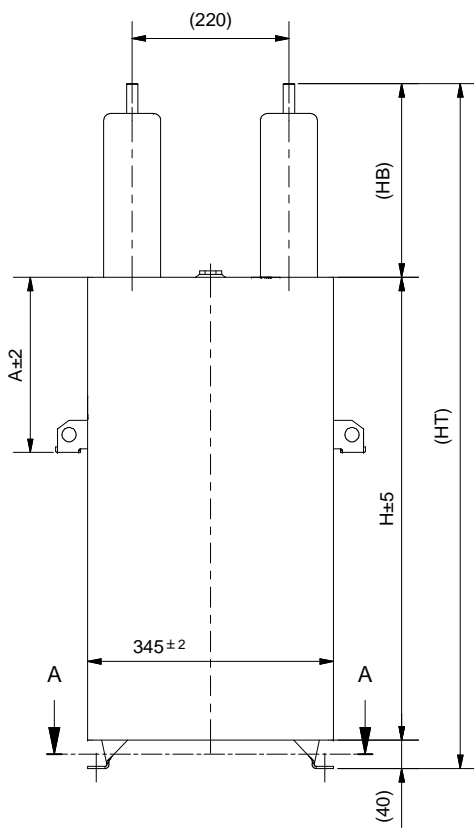
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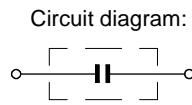
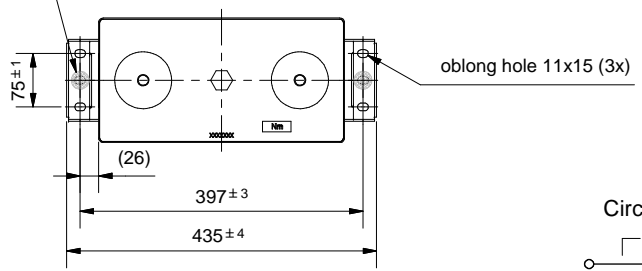
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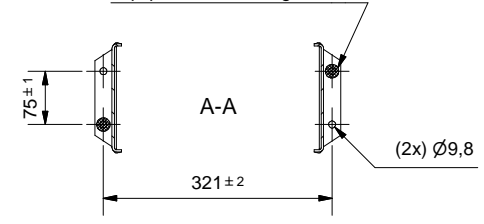
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without paint on both sides
equipotential bonding Ø25



without paint on both sides
equipotential bonding 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-723-212-001e-A9 - Stamppause.iam					
SPECIFICATION No.:		INDEX	REVISION	DATE	NAME
DRAWN: 01.09.2015	MATERIAL: sgerstl	DESIGNATION: Capacitor Type: Phao			
	WEIGHT: -	REMARK: ME-723-212-001			
CHECKED: 11.08.2016	SUBST. FOR: pschmidt	DWG-No.: SAP: XXXX-XXXX			
	SUBST. BY:	ME-723-212-001e-A9			
DIN ISO 128-30	STATUS:	EDV-No.: ME-723-212-001e-A9 - Stamppause.dwg			
Hofmark-Aich-Str. 36 84030 Landshut Germany		VISHAY ESTA Capacitors Division		VISHAY.	