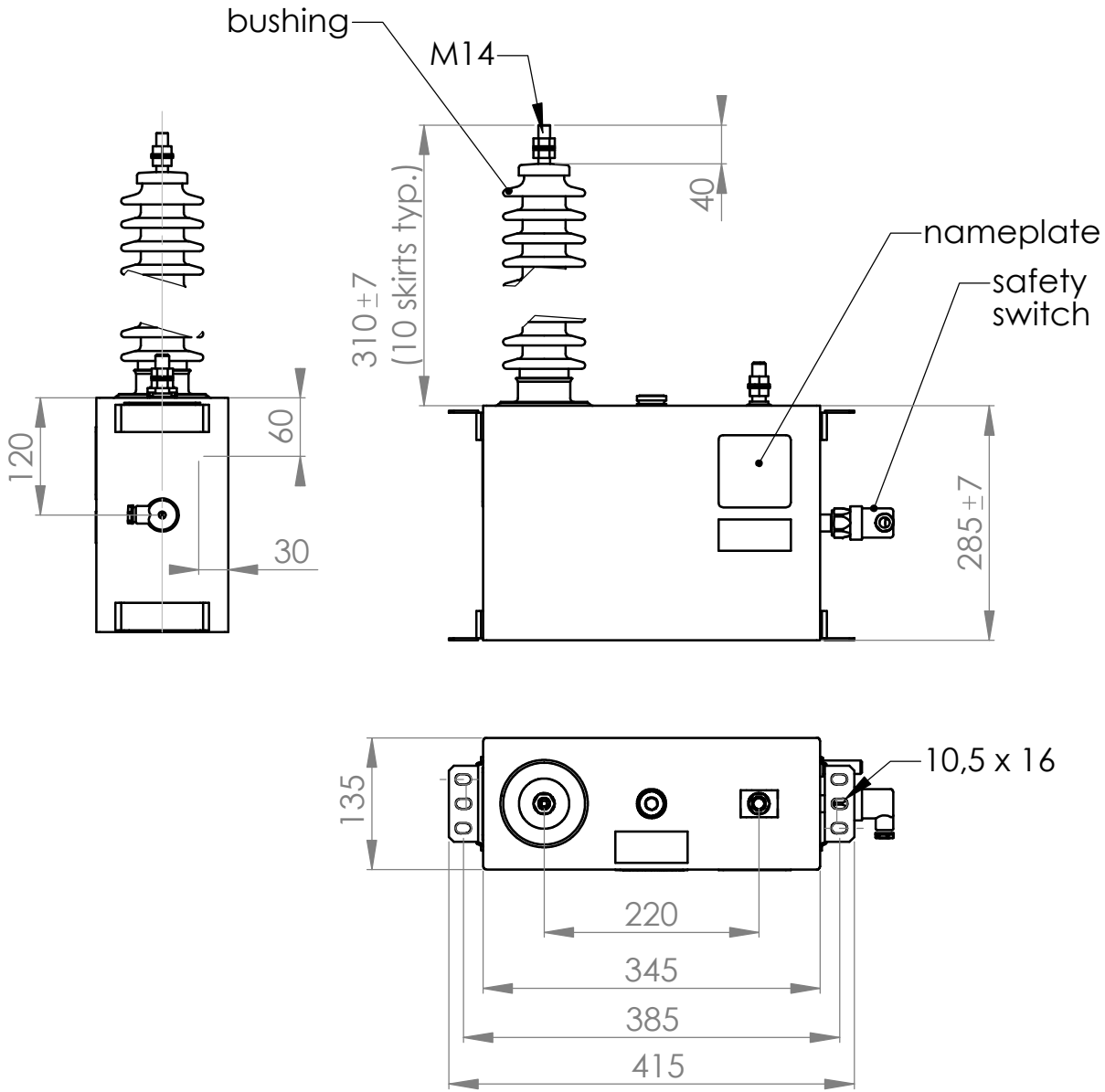
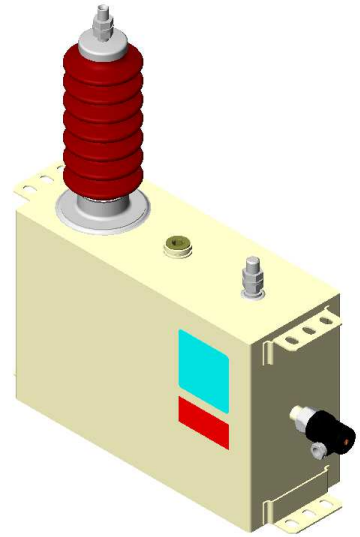




www.ntsa.co.za

Phone: +27117873787

Type: IEC	PROTEC Z HV		M1-15,5-SSW		
USA	PZ-MM1 - 10 kV SSW				
Qn		kvar	Discharge res.		NO
Un	13,8/√3 – 17,1/√3	kV		R	30 Ω
fn	50/60	Hz	Connection		I
Cn	0,15	µF	Fluid	M/DBT (NON-PCB)	
C/Cn		%	Ser. No.		
Temp.cat.	-40/D		Mfg.year		

IEC 60871-1:2005 VDE0560 Teil 4

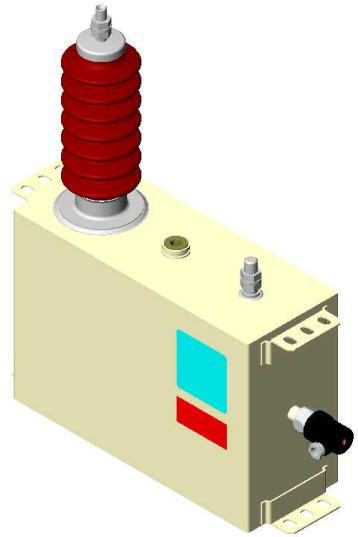
NEMA CP 1-2000 IEEE Std 18-2002

Made in EU

NTSA DEFINED POWER PROTECTION

Northern Technologies SA
411 Jan Smuts Avenue Blairgowrie 2024 South Africa
PO Box 413142 Craighall 2024 Johannesburg, Gauteng South Africa
Contact: Dr. Roger Billiet (General Manager)
Tel: +27 (0)11 7873787 - Fax: +27 (0)11 7873287 -
Cell: +27 (0)832298382 E-Mail: roger@ntsa.co.za
Web: www.ntsa.co.za Skype: rogemtsa

TECHNICAL DATA



Standard:		IEC 60871-1
Type: IEC		PROTEC Z HV M1-15,5 SSW
USA		PZ-MM1-10kV SSW
Identification No:		
Cn:	(μF)	**0,15**
Un:	(kV)	13,8/√3 - 17,1/√3
Resistor / phase:		2 parallel in series with 2 parallel, 30Ω, 70 x 100 mm
Varistor / phase:		5 x V1100S40
Safety switch (SSW)		YES
BIL:	(kV)	125
fn:	(Hz)	50/60
Tolerance C:	(%)	-10/+10
tg δ:		*< 20 * 10 $^{-4}$*
Dielectric:		polypropylene
Connection:		single
No of bushings:		1
Bushing - technical data:		
- impulse	(kV)	125
- test voltage 50 Hz, 1 min, dry test	(kV)	50
- test voltage 50 Hz, 1 min, wet test	(kV)	50
- creepage distance min.	(mm)	600
Temperature category:		-40/D (-40/+55°C)
Impregnating oil:		NON-PCB
Oil content:	*(l)*	*6,5*
Container:		stainless steel
Painting:		PUR finish RAL 7032
		on epoxy primer
Installation:		outdoor
Weight (approx.):	(kg)	22
Fusing:		External

Routine tests per IEC 60871-1

- Sealing test	
- Voltage test term-term, 10 s :	33,3 kV AC
- Voltage test term-case, 10 s :	33,3 kV AC
- tg delta measurement	
- Capacitance measurement	

NTSA
DEFINED POWER PROTECTION