



		www.ntsa.co.za	
		Phone: +27117873787	
Type: IEC	PROTEC Z HV PM3 (5-13,8kV) SSW		
USA	PZ - PM3 - 13,8kV SSW		
Qn	kvar	Discharge res.	NO
Un	5 - 13,8 kV	R	30 Ω
fn	50/60 Hz	Connection	I
Cn	3 x 0,2 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			

TECHNICAL DATA

Standard:	IEC 60871-1	
Type: IEC	PROTEC Z HV PM3 (5-13,8kV) SSW	
USA	PZ - PM3 - 13,8kV - SSW	

Identification number:		
Rated capacitance:	(μ F)	3 x 0,2
Rated voltage:	(kV)	5 - 13,8
Resistor / phase:		1 x 30 Ω , 70 x 100 mm
Varistor / phase:		2 x V1100S40
Safety switch (SSW)		Yes
BIL:	(kV)	95
Rated frequency:	(Hz)	50/60
Capacitance tolerance:	(%)	-10/+10
tg δ :		20 * 10 ⁻⁴ tip.
Dielectric type::		all-film
Connection:		YN
Bushing quantity:		3
Bushing characteristics:		
- impulse test voltage:	(kV)	95
- dry test voltage 50 Hz, 1 min	(kV)	38
- wet test voltage 50 Hz, 1 min	(kV)	28
- creepage distance min.	(mm)	305
Temperature category.		-40/D (-40/+55°C)
Fluid type:		M/DBT (NON-PCB)
Fluid volume:	(l)	6
Container		stainless steel
Finish:		PUR finish RAL 7032
		on EPOXY primer
Installation:		indoor
Weight (approx.):	(kg)	22
Fusing:		External

Routine tests per IEC 60871-1: 2005

- Sealing test		
- Voltage test term-term, 10 s:		53,8 kV d.c.
- Voltage test term-ground, 10 s:		26,9 kV a.c.
- tg delta measurement		
- capacitance measurement		