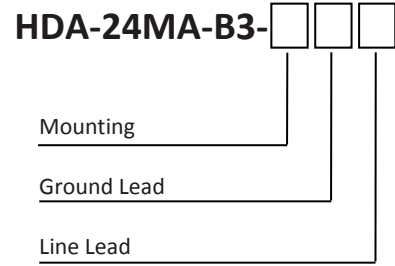
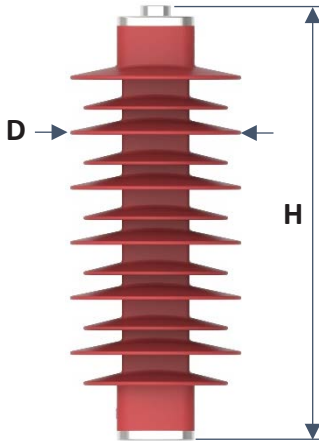


HDA U_c Voltage Range	2.4 – 41 kV	Continuous operating voltage
HDA U_R Voltage Range	3 – 51.5 kV	U_c : 24.0 kV
Polymeric Housing		Rated voltage
IEC 60099-4: 2014 Ed 3.0		U_R : 30.0 kV
Nominal discharge current (I_n)	10 kA	
Surge arrester class	DH	
Rep. charge transfer rating Q_{RS}	0.5 C	Short circuit rating:
High current impulse (4/10 μ s)	100 kA	Rated short-circuit (I_s , 0.2s) 40 kA
Thermal charge transfer rating	1.1 C	Low short-circuit current 600 A
Directly moulded cage design.		Safe non-shattering design.



Dimensions (mm)



Arrester Housing

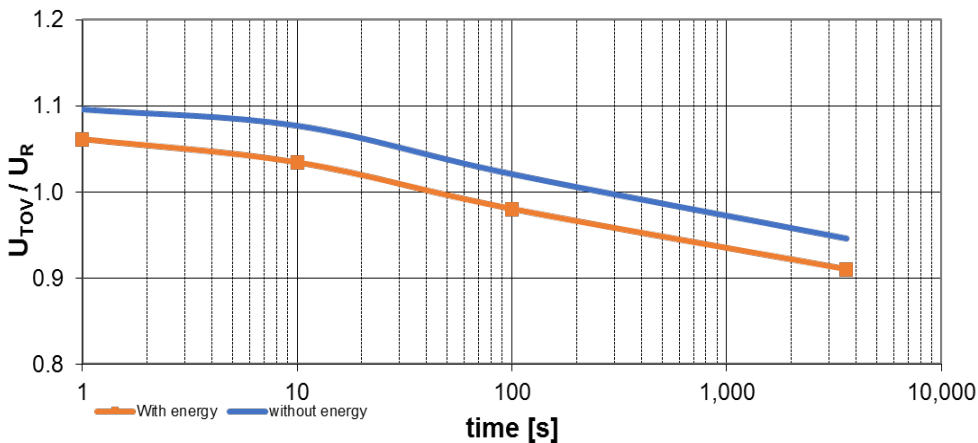
Impulse voltage 1.2/50 μ s	kV	190
Power frequency voltage	-wet: kV	93
Overall length, (H)	mm	316
Overall diameter (large shed), (D)	mm	122
Flashover distance	mm	310
Creepage Length	mm	830
Weight	kg	3.25
No of Sheds		12
Cantilever strength SSL	Nm	350
Cantilever strength SLL	Nm	350
Pull strength	N	2000
Max. Torque M12	Nm	50

Residual Voltages (kV)

Lightning current impulse 8/20 μ s			Steep lightning current impulse 1/20 μ s	Switching current impulse 30/60 μ s	
5 kA	10 kA	20 kA	10 kA	125 A	500 A
73.8	78.5	86.9	86.0	59.1	62.5

Temporary Overvoltage Capability (TOV)

1 Sec. TOV: 32.0 kV
 10 Sec. TOV: 31.0 kV



Marking

Raychem

HDA-24MA
 U_c : 24.0 kV
 U_R : 30.0 kV
 MO Surge Arrester
 50/60 Hz
 IEC 60099-4
 I_s 40 kA
 I_n 10 kA DH
 Manufacturing Year

MVSA-780-22/18-0-000

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