

LVA415-5

Low Voltage Arrester

The LVA415-5 surge protection device utilises proven metal oxide technology and is designed for use on AC or DC supply lines as an effective means of providing protection against lightning and switching induced overvoltages.



Specifications	
Maximum Continuous Operating Voltage U_c	415Vrms
Rated Voltage U_r	500Vrms
Temporary Overvoltage U_{tov}	500 Vrms minimum
Energy Withstand (E)	600J 10/1000µs Impulse
Nominal Discharge Current I_n	5kA 8/20µs Impulse
Residual Voltage at Nominal Discharge Current I_n	1.8kV
Residual Voltage at 10kA	1.9kV
Leakage Current at U_c	<0.1mA
Maximum Discharge Current I_{max}	30kA 8/20µs Impulse
Reference Voltage U_{ref}	>670V at 1mA _{dc}
High Current I_{hc}	65kA 4/10µs Impulse
Supply Frequency	48 - 62Hz
Creepage	80mm
Mass	≈320g
Housing Material	UV Stable ABS
Mounting	Interior – Any Orientation
Terminations	Brass M8
Tightening Torque	TBA
Part Code:	LVA415-5

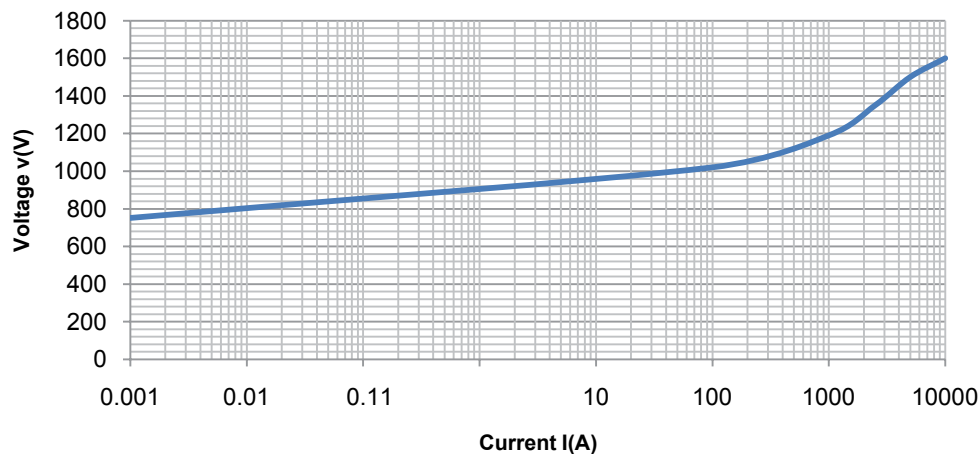
To complement the above, the LVA series can be supplied in a variety of Continuous Operating Voltages - details available on request.

TOP and BOTTOM FIXING ACCESSORIES - A range of fixing accessories are available to suit most applications - details available on request.

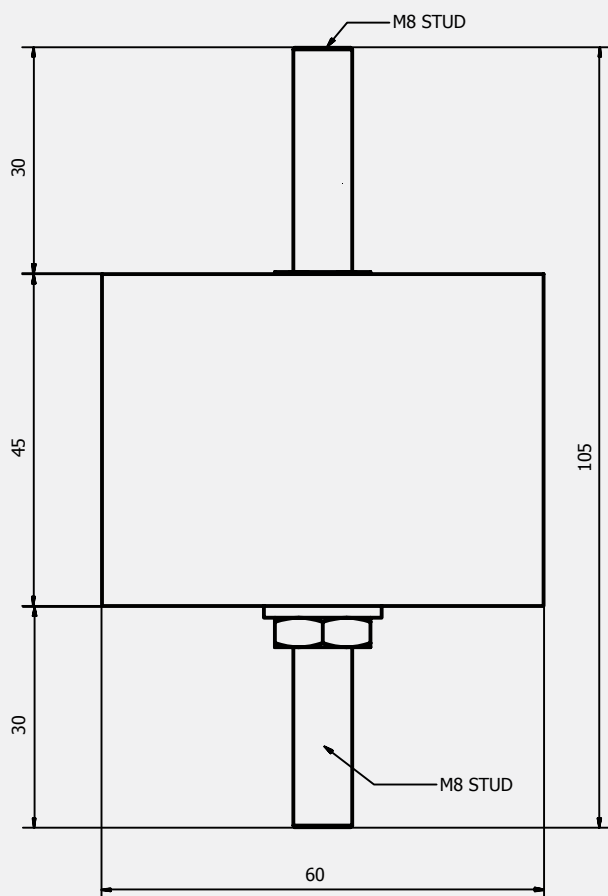
Standard References - IEC61643-11 and IEC60099-4:2004 + A2:2009.

VI Curve

Typical VI characteristics for the LVA415-5 Arrester



Overall Dimensions





Thank you for reading this data sheet.

For pricing or for further information, please contact us at our UK Office, using the details below.



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Please note - Product designs and specifications are subject to change without notice. The user is responsible for determining the suitability of this product.