

# 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 10/1000 $\mu$ s Impulse
Nominal Discharge Current $I_n$	5kA 8/20 $\mu$ s 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 8/20 $\mu$ s Impulse
Reference Voltage $U_{ref}$	>670V at 1mA <sub>dc</sub>
High Current $I_{hc}$	65kA 4/10 $\mu$ s 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:	<b>LVA415-5</b>

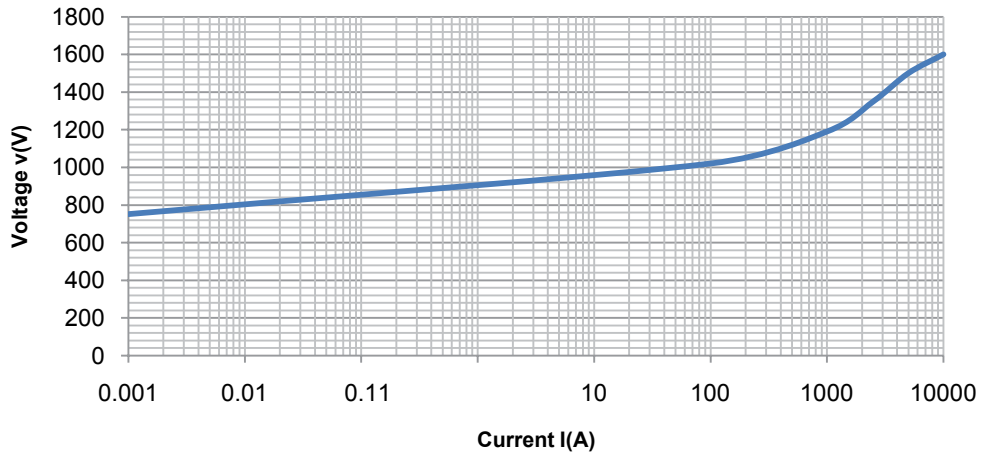
To complement the above, the LVA series can be supplied in a variety of Continuous Operating Voltages - details available on request.

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

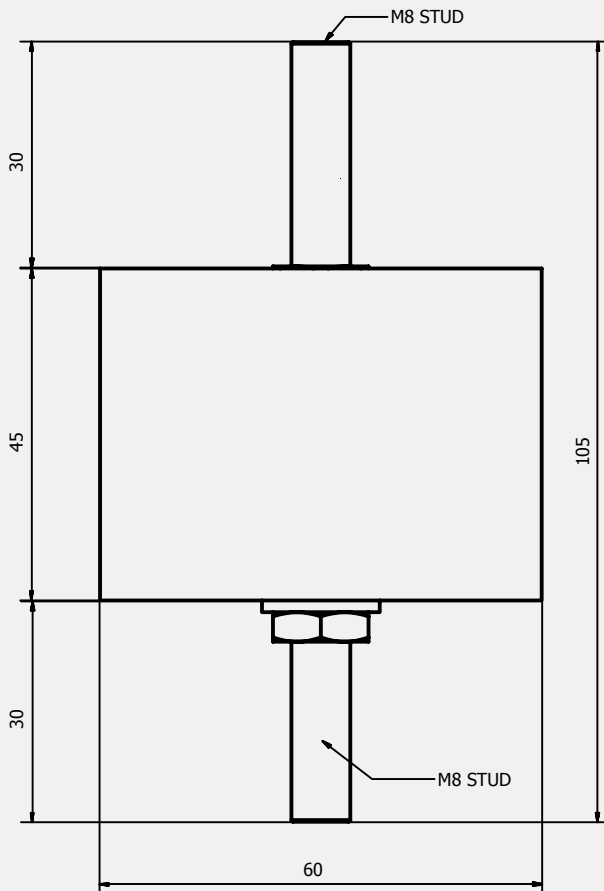
**Standard References** - IEC61643-11 and IEC60099-4:2004 + A2:2009.

**VI Curve**

Typical VI characteristics for the LVA415-5 Arrester



**Overall Dimensions**



All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct and reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance of any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for these products is set forth in our standard terms and conditions of sale.