

JLF8-63PVS DC Fuse



General

The **JLF8-63PVS** fuse is engineered for use in high-voltage DC circuits, particularly within solar photovoltaic installations and energy storage systems. It supports a rated voltage of up to **1500V DC**, a continuous current of **up to 50A**, and a high interrupting capacity of **50kA**. This fuse provides robust protection against both overload and short-circuit conditions across DC distribution networks.

It is especially suited for safeguarding photovoltaic modules, battery packs, and other sensitive DC components such as semiconductor devices. The compact cylindrical design facilitates integration into combiner boxes and ESS units where space, reliability, and performance are critical.

Manufactured according to international standards to ensure operational reliability in harsh electrical environments.

Applicable Standards: IEC60947-1 and IEC60947-2

Product Details

Technical data

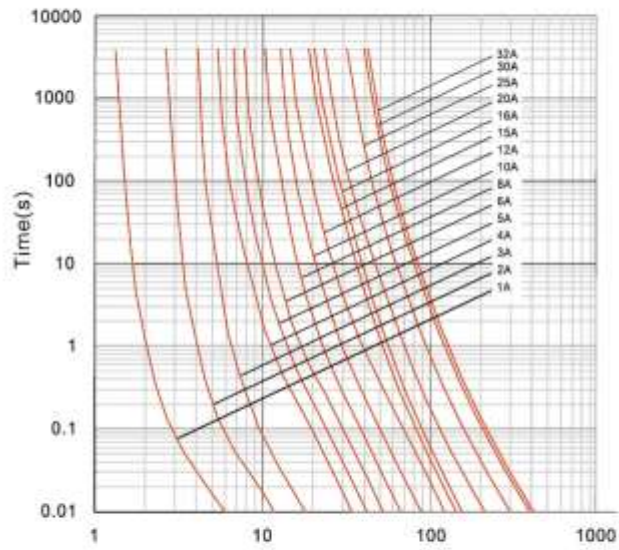
Model	JLF8-63PVS	
Standard	IEC60947-1 and IEC60947-2	
Fuse size(mm)	10×85	14×85
Pole	1P	
Rated working voltage Ue(V)	DC 1500V	
Rated insulation voltage Ui(V)	DC 1500V	
Short-Circuit Breaking Capacity	20KA	
Protection Grade	IP20	
Connection	2.5-10mm ²	
Operation Ambient Temperature	-40℃ to +80℃	
Resistance and Damp Hot	Class 2	
Elevation	≤2000	
Installation Way	TH35-7.5/ DIN35 Rail Installation	
RH (relative air humidity)	when +20℃, not exceed 95%; when +40℃, not exceed 50%	
Pollution Class	3	
Installation Environment	the place of no obvious vibrate impact	
Installation Class	III	
Dimension	134×22.5×65 mm	

Fuse Adapters & Selection Table

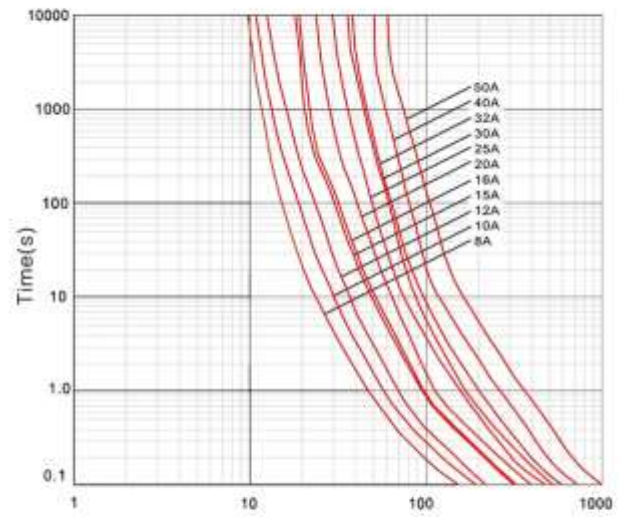
Fuse Base Model	Fuse Link Model	Fuse Size (mm)	Current Rating (A)	Rated Voltage (VDC)
JLF8-63PVS DC1500	JLF8-1085	1085:10x85	,16 ,15 ,10 ,8 ,6 ,5 ,4 ,3 ,2 32 ,30 ,25 ,20	DC1500V
	JLF8-1485	1485:14x85	50 ,45 ,40 ,35 ,30	



Curve



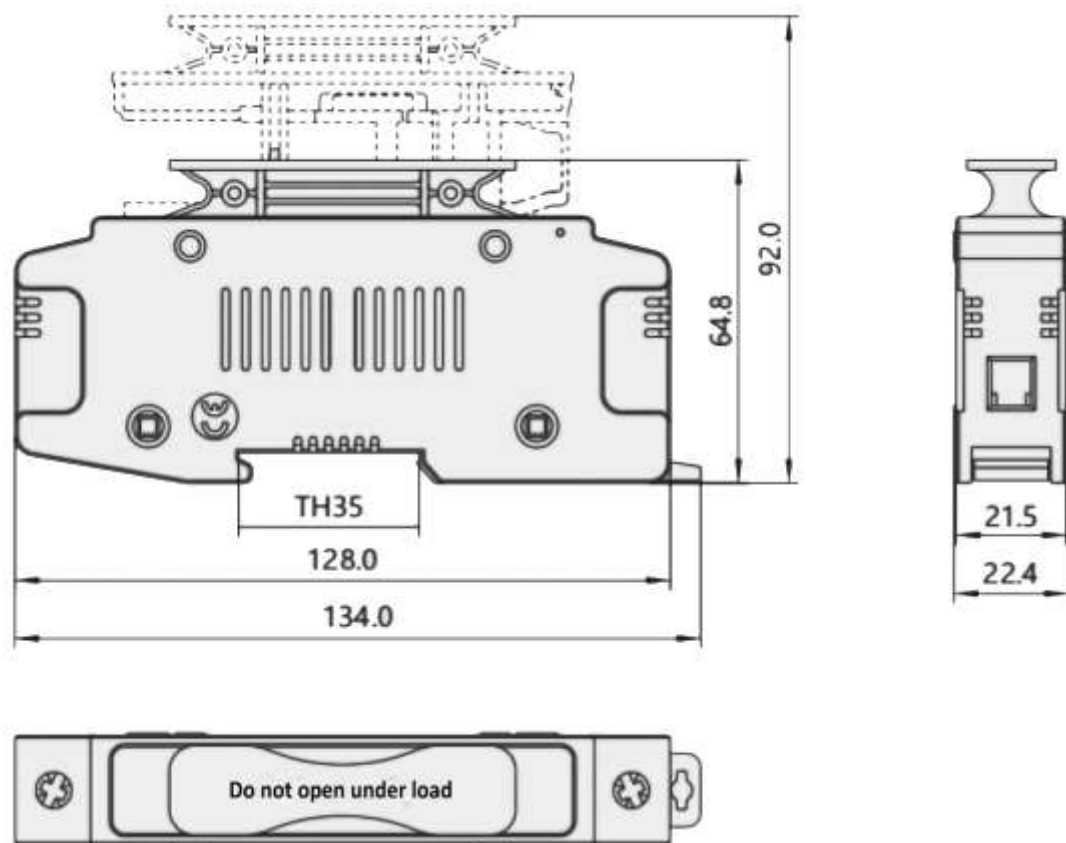
JLFH8-1085 Characteristic Curve (A RMS)



JLFH8-1085 Characteristic Curve (A RMS)

Overall and mounting dimensions(mm)

Base



Link

