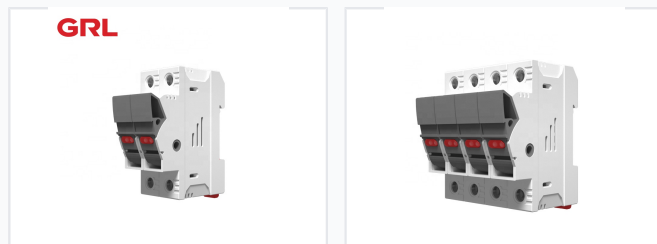


1000V DC Solar Photovoltaic Cylindrical Fuse Holder

This fuse holder is designed for 1000V DC solar photovoltaic applications. It provides overcurrent protection for sensitive components in solar power systems and accommodates cylindrical fuses.



ADDITIONAL IMAGES



Product Overview

High-Performance DC Protection

This 1000V DC cylindrical fuse holder is specifically engineered for solar photovoltaic systems, providing essential overcurrent and short-circuit protection. Designed to accommodate 10x38mm fuse links, it ensures the safety of sensitive electronic components and solar panels in low-voltage, high-current environments. Its robust construction and DIN rail mounting compatibility make it a reliable choice for professional B2B solar installations.

Electrical Performance

Key Electrical Ratings

1000 V DC
Rated Voltage

32 A
Max Rated Current

33 kA
Breaking Capacity


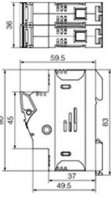
Operating Class

gPV • gG

Technical Specifications

Rated Insulation Voltage (Ui)	800 V
Rated Impulse Withstand Voltage (Uimp)	6 kV
Compatible Fuse Size	10 x 38 mm

Installation & Design

	Part no DNS6111		
	Model	RT18-32	
	Model&Meaning	Standard construction zero line on the right side	
	Pole	1 Pole + N	
	Installation	DIN mounting guide	
	Connecting lead	0.75-25mm ²	
	Molten core size	10*38	
	Rated Current Ie	32A(500VAC)/25A(690VAC)	
	Rated Voltage Ue	500VAC/690VAC	
	Rated Insulation Voltage Ui	800V	
	Rated Impulse Withstand Voltage Uimp	6 kV	
	Ability to segment with fuse	100A(500VAC)/50A(690VAC)	
	Working class as determined with fuse	gG	
	IP Grade	IP20	
	Suitable for fuses	IEC 60269-2 GB/T 13539.2	

IP Rating

IP20

Installation Method

DIN rail mounting guide

Connecting Lead Range

0.75 - 25 mm²

Compliance & Standards

International Standards

IEC 60269-1, IEC 60269-6, IEC 60269-2, GB/T 13539.2, CE Certified

Product Variants

RT18 series fuse holders		
	Part no DNS6110	
	Model	RT18-32
	Model&Meaning	Standard construction without rail lines
	Pole	1 Pole
	Installation	DIN mounting guide
	Connecting lead	0.75-25mm ²
	Molten core size	10*38
	Rated Current Ie	32A(500VAC)/25A(690VAC)
	Rated Voltage Ue	500VAC/690VAC
	Rated Insulation Voltage Ui	800V
	Rated Impulse Withstand Voltage Uimp	6 kV
	Ability to segment with fuse	100A(500VAC)/50A(690VAC)
	Working class as determined with fuse	gG
	IP Grade	IP20
	Suitable for fuses	IEC 60269-2 GB/T 13539.2

Configuration Options

Pole Configuration	Zero Line Position	Max Voltage
1 Pole	None	1000V DC / 690V AC
1 Pole + N	Right Side	690V AC
2 Pole	None	690V AC
3 Pole + N	Right Side	690V AC