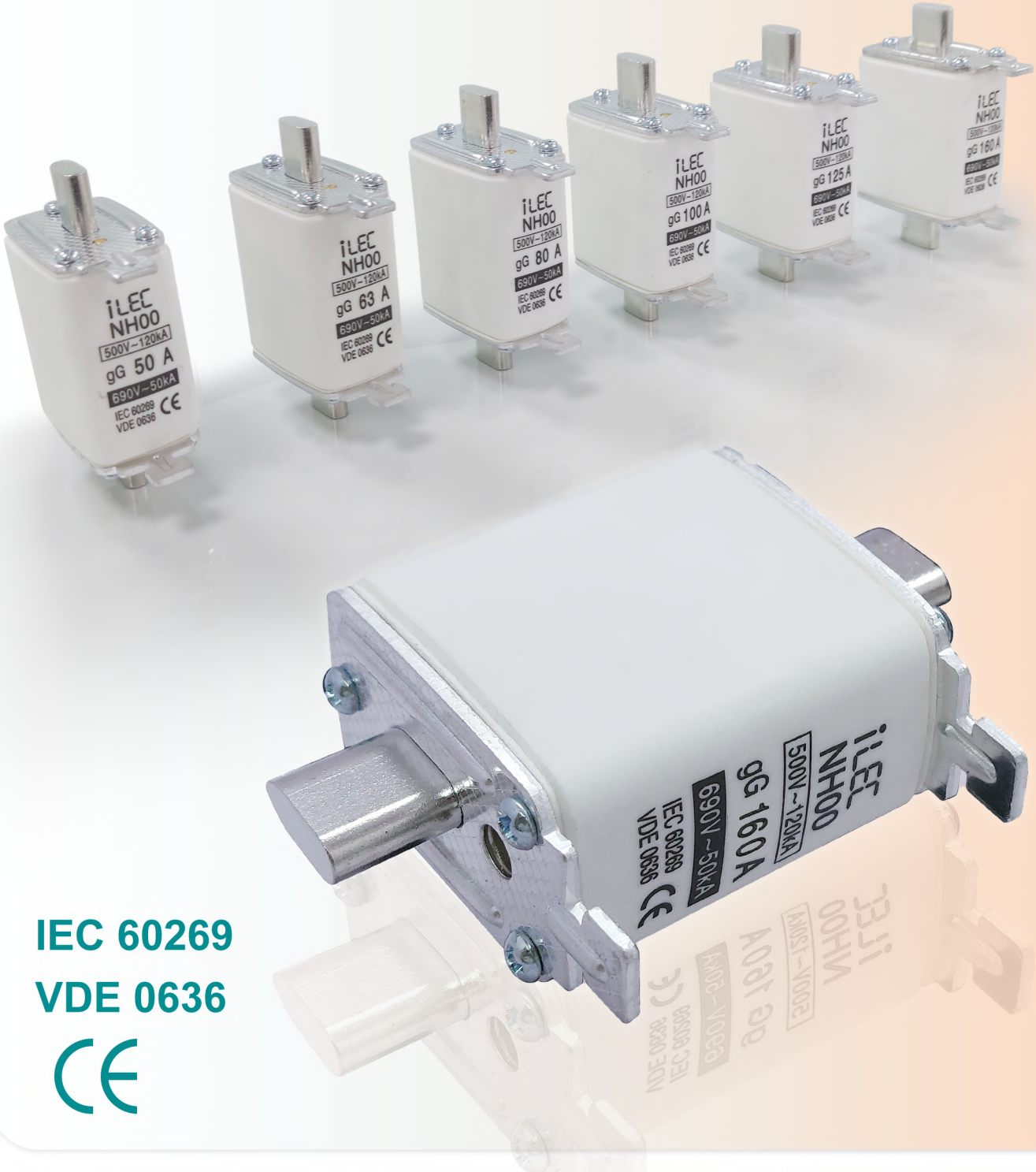
PRODUCT CATALOGUE

NH00 FUSE LINK

with knife contacts



IEC 60269

VDE 0636

CE

PRODUCT CATALOGUE

INTRODUCTION

- iLEC NH00 fuse links are low-voltage square body fuses with knife contacts, designed to provide full-range protection for electrical systems.
- The product features a sealed construction made of high-quality insulating materials with effective arc-quenching capability, ensuring reliable protection for cables, conductors, and electrical equipment against overload and short-circuit conditions.
- iLEC NH00 fuse links are suitable for use in industrial switchboards and power distribution systems.
- Typical applications include industrial switchboards, power distribution panels and electrical protection systems.
- Compliant with international standards IEC 60269, VDE 0636 and CE.



PRODUCT CATALOGUE

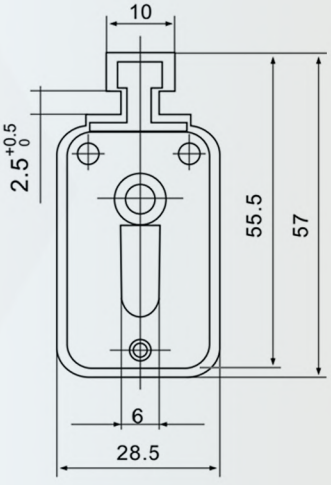
Technical Information

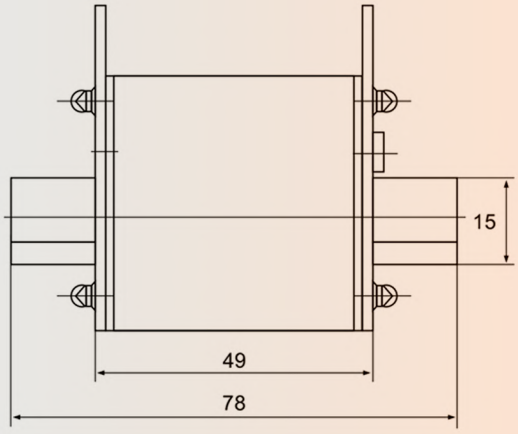
Technical Data

Models	NH00-50A / 63A / 80A / 100A / 125A / 160A
Standard	IEC 60269, VDE 0636, CE
Dimensions/Mounting	According to DIN VDE 43 620 and VDE 43 623
Operating classes	gG, aM *(short-circuit protection only)*
Rated voltage	AC 500V / 690V~
Rated breaking capacity	AC 500V – 120kA / AC 690V – 50kA
Mounting position	Optional, preferable vertical
Operating temperature	-30ºC to +50ºC
Relative Humidity	At 95% RH, non-condensing
Apllication	Cable protection, Motor protection

Dimension Drawing





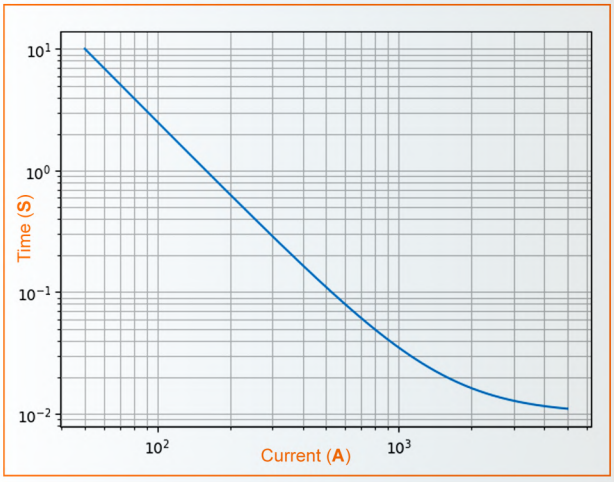


PRODUCT CATALOGUE

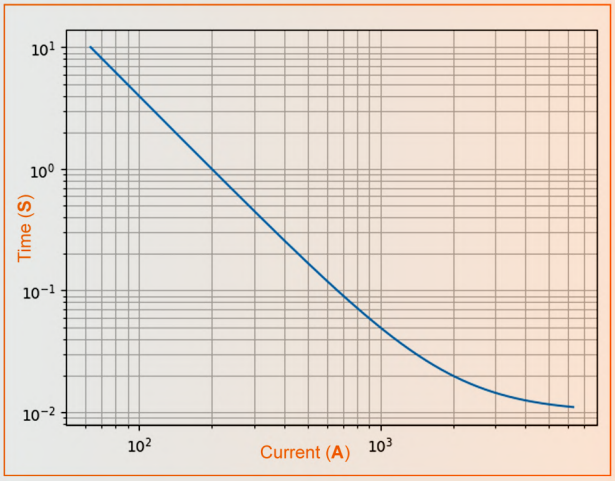
Type gG Fuse Time-Current Characteristic

(IEC 60269 - illustrative)

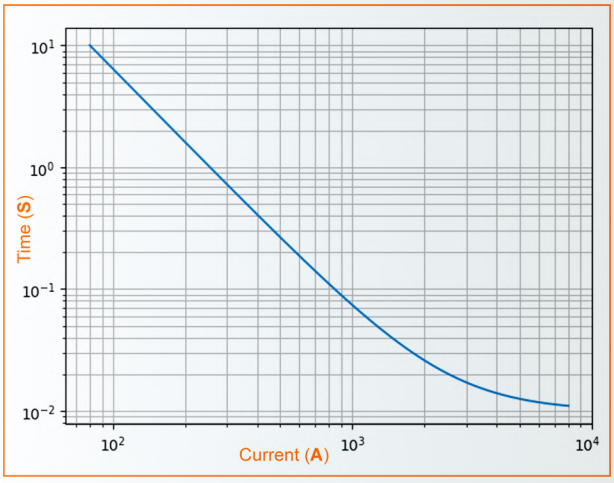
Model NH00-50A



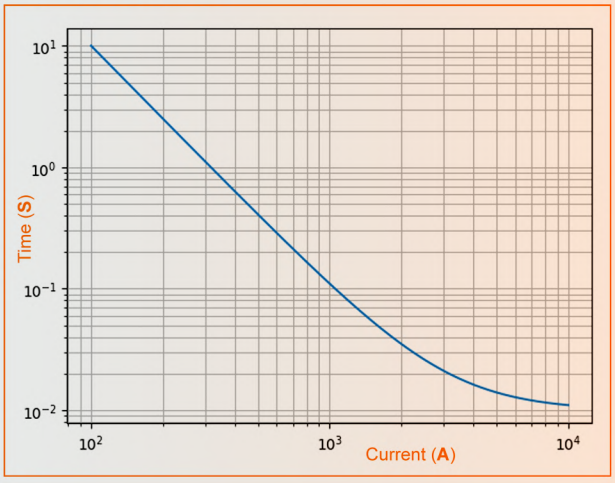
Model NH00-63A



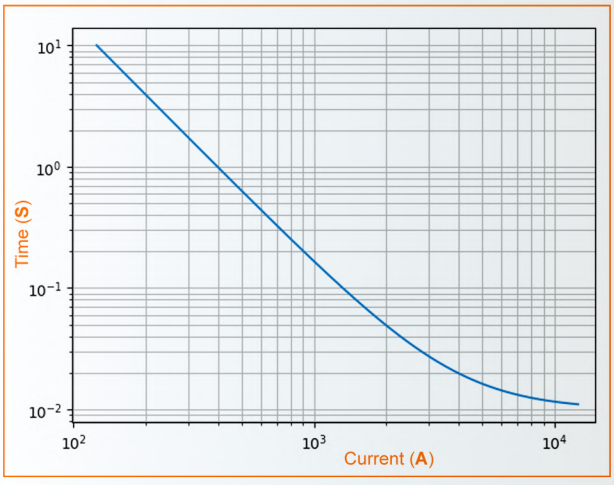
Model NH00-80A



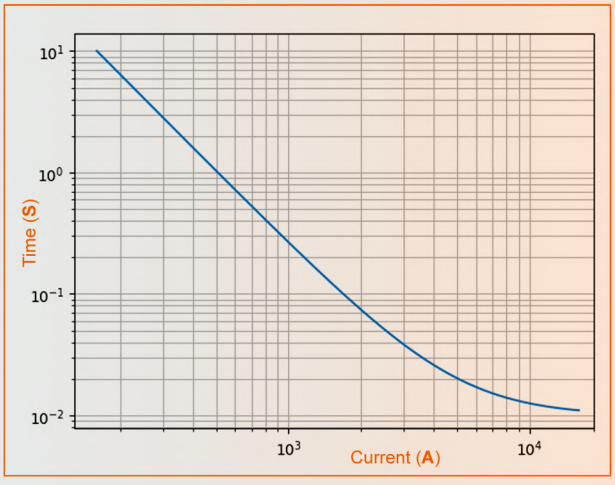
Model NH00-100A



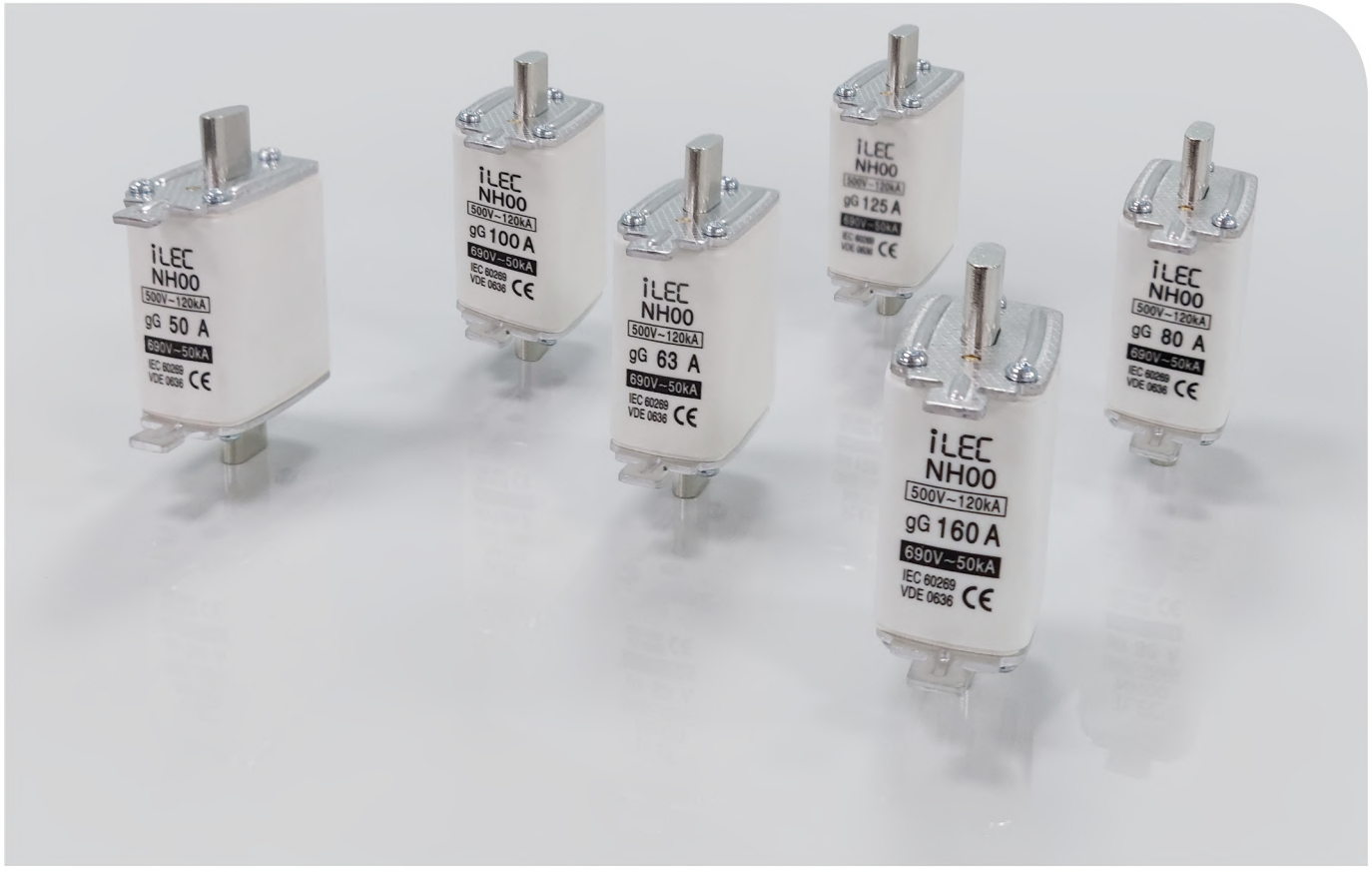
Model NH00-125A



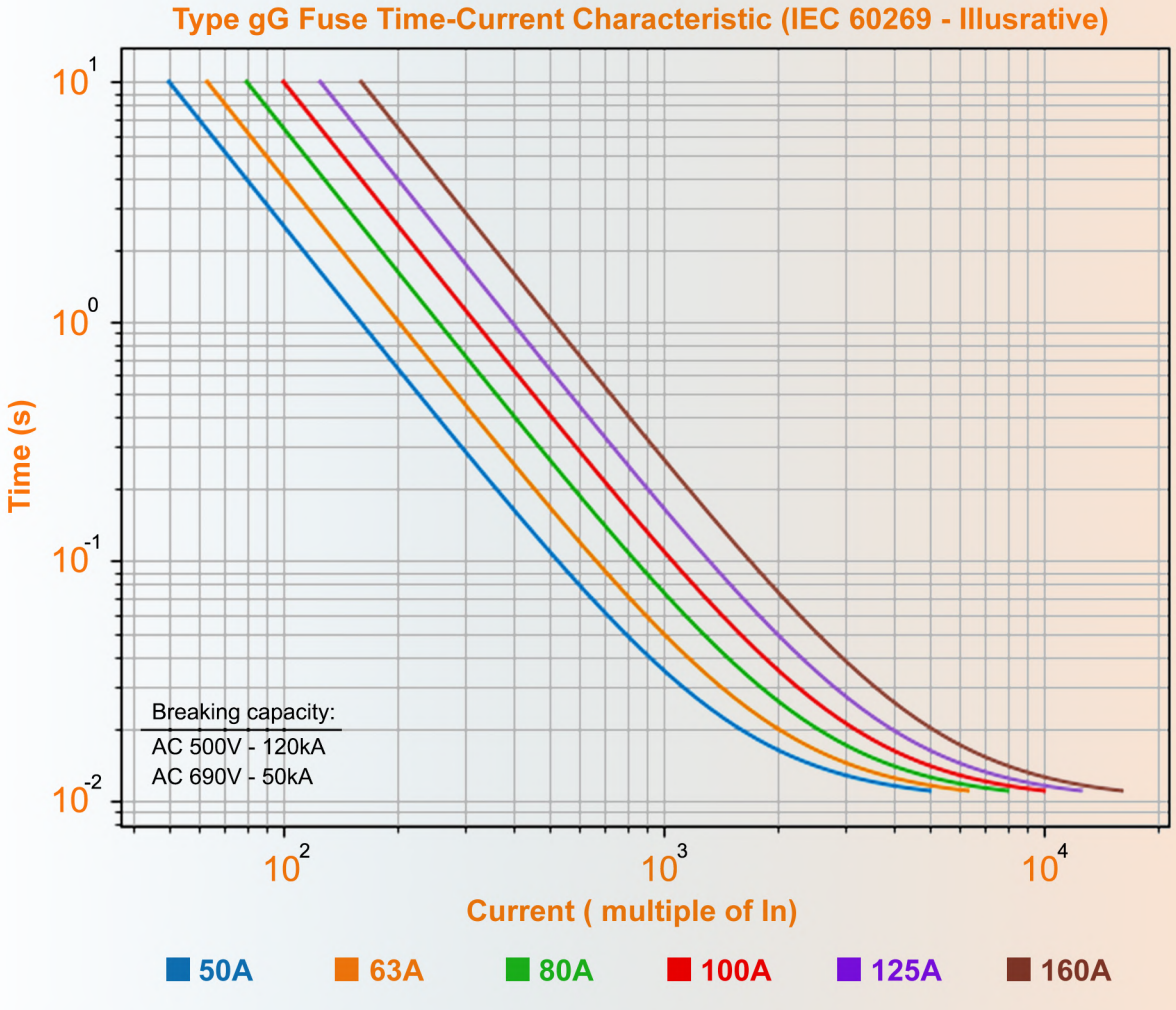
Model NH00-160A



PRODUCT



CATALOGUE



PRODUCT CATALOGUE

THREE-PHASE FUSE SWITCH DISCONNECTOR
DNH7-160-3P

Overview

- The Fuse Box Base, also known as a Fuse Switch Disconnector or Three-Phase Fuse Disconnect Switch, is designed to securely hold and accommodate high-capacity fuse links in three-phase electrical systems.
- The enclosure is made of high-quality engineering plastic, providing excellent flame resistance, electrical insulation and heat resistance.
- The unit features top and bottom input/output terminals, allowing safe switching under load.
- It can be connected to electrical equipment through knife-blade contacts with arc-extinguishing capability.
- Designed for applications with high short-circuit currents, it supports rated voltages of up to 660V AC at 50/60Hz.

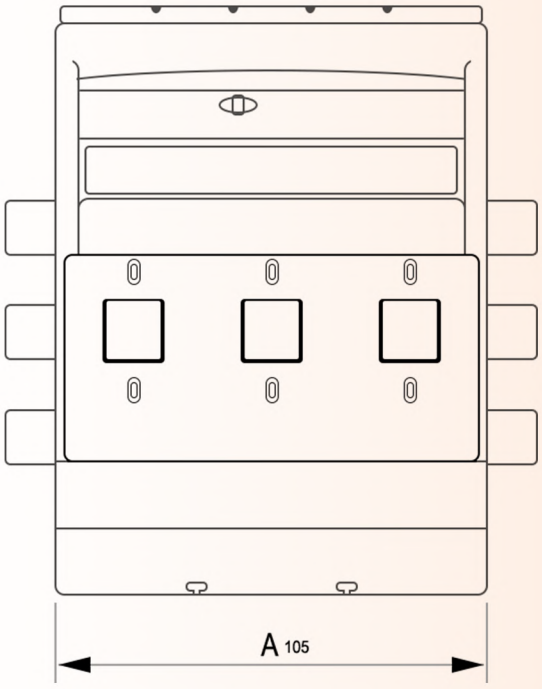
Apllications

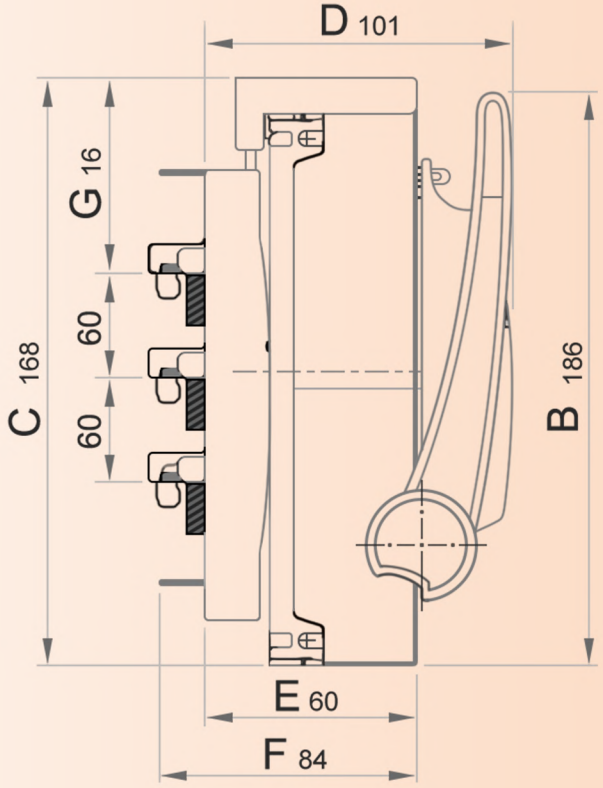
- Installed in industrial electrical cabinets to protect circuits against overload and short circuits.
- Suitable for use as a power switch, isolation switch, or emergency switch.

Specifications

Model	DNH7-160-3P
Standard	IEC 60947-3, AC-23B
Rated operational voltage (Ue)	400V
Number of poles	3P
Rated frequency (fn)	50/60Hz
Rated current (Ie)	160A
Rated insulation voltage (Ui)	1000V
Rated impulse withstand voltage (Uimp)	8kV
Fuse protected short circuit making	50kA/ms
Power loss at Im without fuse-link/phase	12W
Electrical durability	200 times
Mechanical durability	1400 times
Degree of protection	IP20 (Open) – IP30 (Close)
Dimension	105 x 184 x 88 (mm)

Dimension





	Overall (mm)					Installation (mm)		
Model	A	B	C	D	E	a	b	c
DNH7-160	105	184	88	160	43	73	25	Ø7







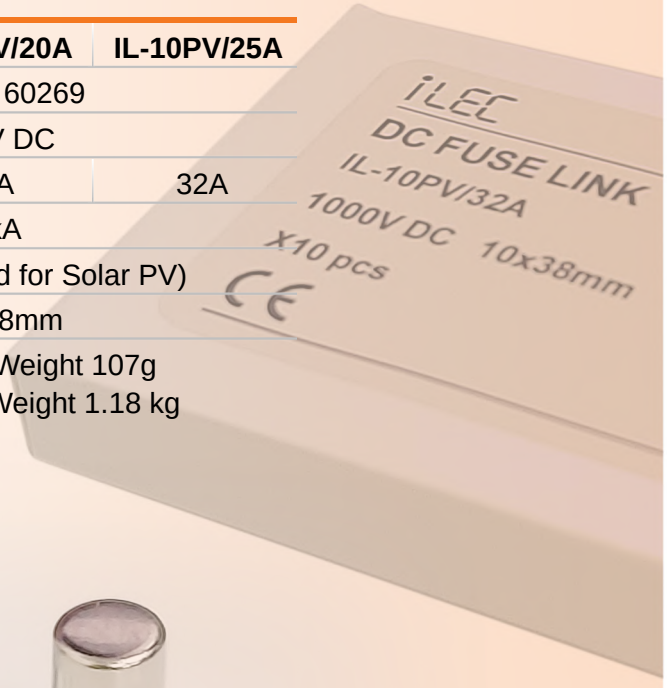
DC FUSE LINK
IL-10PV Series

Key Features

- **Optimized Protection:** Specialized DC fuse link designed to provide maximum protection for direct current (DC) circuits.
- **Premium Construction:** Featuring a cylindrical design made from high-strength insulating materials with excellent heat resistance and long-term durability.
- **Easy Replacement:** Replaceable fuse link design, ensuring quick and effortless installation into DC fuse holders/bases.
- **Reliable Circuit Interruption:** Safely disconnects the circuit and interrupts power during overload or short-circuit events.
- **Rapid Arc Quenching:** Fast arc-extinguishing capability to effectively prevent explosions and safeguard the entire system.
- **Versatile Solar Application:** Widely utilized in combiner boxes and distribution panels of solar photovoltaic (Solar PV) systems.

Thông số kỹ thuật

Model	IL-10PV/32A	IL-10PV/20A	IL-10PV/25A
Standard	CE, IEC 60269		
Rated voltage	1000V DC		
Rated current	20A	25A	32A
Rated insulation voltage	20kA		
characteristics	gPV (Specialized for Solar PV)		
Dimension	Ø10x38mm		
Packaging	10 pcs/box – Weight 107g 100 pcs/box – Weight 1.18 kg		





PRODUCT CATALOGUE

FUSE BASE
FB-NH00-1P

Key Features

- **Robust & Aesthetic Design:** Sleek, modern appearance combined with a heavy-duty, robust structure.
- **Premium Insulation:** Manufactured from high-grade thermoset insulating materials, ensuring superior heat resistance and exceptional durability.
- **Optimized Conductivity:** High-performance contacts guarantee stable electrical conductivity while minimizing heat generation.
- **Effortless Maintenance:** User-friendly design allows for convenient installation, easy removal, and rapid fuse replacement.
- **Compact Footprint:** Space-saving dimensions for flexible and optimized layout inside electrical enclosures and power distribution systems.
- **Advanced Circuit Protection:** Specifically engineered for DC circuits to provide reliable overcurrent and short-circuit protection.

Typical Applications

- Low-voltage switchboards and electrical distribution panels.
- DC power systems and Solar Photovoltaic (PV) installations.
- Industrial control circuits and general automation applications.

Specification

Model	FB-NH00-1P
Standard	CE, IEC 60269
Rated operating current (Ie)	Max. 160A
Rated operating voltage (Ue)	Max. 690V
Rated insulation voltage (Ui)	1000V
Dimension	118 x 58 x 30 (mm, ±1)
Weight	390 g
Packaging	3 pcs/box















ILEC ELECTRIC EQUIPMENT CO., LTD

Address: 76 street No. 20, Tan Binh Industrial Park Expansion, Binh Hung Hoa Ward, HCMC.

Tax code: 0313550072 - Tel: (84-28) 37657746

Email: admin@ilec.com.vn - Website: ilec.com.vn - Facebook: ilec.com.vn