An alternative approach to electrical protection

Fuse device offer

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The essentials of electrical protection

Schneider Electric is committed to bringing you the most flexible and comprehensive fuse device offer on the market. We bring you essential functions combined with advanced features such as measurement and turnable hooks to deliver a "best in class" solution that guarantees electrical protection for your industrial applications with single and double breaking switch fuses.

Fuse devices are designed to perform the three essential functions of electrical protection:
• Switch function for circuit on-load control
• Fuse function against short-circuits and overloads
• Isolation from the power circuit.

A complete solution
Schneider Electric offers complete electrical protection for distribution systems including fuse devices that fully integrate in Schneider’s functional and universal enclosures (Prisma P and G, Prisma iPM), and busbar trunking systems (Canalis KSA, KSB).

Simple and flexible
• Easy to install and flexible in terms of footprint, cable connections, and product position. Includes mounting plates or can be mounted directly onto busbars or DIN rail.
• Easy to operate and simple to maintain.

Designed for safety
Interlocking to prevent access to fuses when the switch is in closed position, high IP and IK level.

Fully compatible
Fusegear solutions have been designed to be used with all fuse-links and complying with standard:
• IEC 60269-1 and -2

Fully certified
Fuse offer complies with international standards, certifications and markings:
• IEC 60947-1 and -3
• CCC certificates
• EAC certificates

Double breaking offer:
Switch disconnector fuses
Functions:
• Short-circuit and overload protection
• Isolation
• On-load switching of circuits

• High level of safety thanks to upstream and downstream double breaking
• Fast opening and closing
• Opening and closing operations occur independently of the operator’s action

Fupact INF
32 to 800 A

Components that work great together by design

All Schneider Electric components, from electrical devices and busbars, to splitter blocks and switchboards, work together for optimal performance. Their electrical and mechanical functions and communications features integrate seamlessly.

Our range of fuse devices ensure:
• People and property safe are protected
• Energy quality and availability
• Performance and high uptime
• Easy operation, thanks to standard operating process and simple maintenance.

Combine efficiency and intelligent control thanks to the fuse monitor

Available for the complete Fupact ranges, the fuse monitor is more than just an accessory. Its protection and monitoring functions makes it indispensable:
• A common monitoring solution for the complete range
• Automatic reset of the fuse monitor once blown fuse is replaced
• Auxiliary contacts for different functions: alarm, tripping of a remote device
• No need for striker fuses, leading to a significant cost reduction
Fupact ISFT devices are evolving!

The new Fupact ISFT generation helps you remain competitive in today’s market. Its new features offer more flexibility in terms of mounting and cabling. ISFT also has the smallest product of the market at just 53 mm width for NH 000 fuse-links (100A).

Fuse switch disconnectors can be mounted and fixed effortlessly!

- **Less stock**: new ISFT range includes turnable hooks to enable downstream or upstream distribution with the same product.
- **Save time**: less assembling steps. The product can be fixed very quickly for a faster mounting.
- **More safety**: the product offers optimized user protection against arc flash.

Fupact ISFT and ISFL combine efficiency and intelligent control and reduce costs:

- The fuse monitor ensures:
  - Precise location and fast correction of short-circuit and overload faults
  - No need of striker-type fuses
  - Auxiliary contacts for different functions: alarm, tripping of a remote device, etc.
  - Automatic reset of the fuse monitor after blown fuse is replaced

Fupact ISFL is available in two different versions

- 1-pole switchable dedicated to 185mm busbars
- 3-pole switchable available for 60/100/185 mm busbars

More flexibility with Fupact ISFL

Fupact ISFL is one of the most efficient vertical fuse switch disconnectors ever designed with compact form and a modular system. Thanks to its size, Fupact ISFL doesn’t require extra space for current transformer installation. Its interface is standardized for all types of measurement devices.

**Measuring device**

- Energy consumption control is feasible by the easy installation of a measuring device

**Easy to hook**

- Turnable contact hooks available for ISFL 160 A 3-pole (60 mm busbars)
- Fast mounting with reduced manual operations
- Adapted to all busbar systems: 60/100/185 mm, present in main switchboards

**Fuse monitor**

- Precise location and fast correction of short-circuit and overload faults

**Designed for main switchboards**

- Fast connection with variable box terminals

Fupact ISFL is available in two different versions

- 1-pole switchable dedicated to 185mm busbars
- 3-pole switchable available for 60/100/185 mm busbars
High performance ensured with Fupact INF

Fupact INF offer provides reliable protection for personnel thanks to its double isolation, upstream and downstream when switch is open. It also ensures high system availability in buildings, infrastructure and even in industrial plants. It is compatible with fuse-links BS, NFC and NH.

A complete fuse-link offer

Schneider Electric provides a fuse-link offer with NH fuses to ensure a complete solution for our customers. All fuse-links are provided under 500V and 690V, from 25A to 800A.

We offer fuse-links with different curves, available with and without strikers:

- **Fuse-links type aM**
  - Ensure the protection of equipment with current peaks like motor applications.

- **Fuse-links type gG**
  - Offers protection of circuits without significant electrical distribution current peaks.

Most of fuse-links are delivered without strikers because Fupact offer includes Fuse monitor devices which offer significant cost reductions.

Ensure your power distribution with Fupact INF

- Distribution switchboards.
- Disconnection, isolation, locking and primary control of incoming circuits.
- Categories AC21/AC22 for electrical distribution, AC23 for motor feeders.

Power and control your industrial motors with Fupact INF

- Motor starters: DOL, Star-Delta, softstarters.
- Variable speed starters with frequency converters.
- Machine types: HVAC units, industrial cranes, hoists.
- Industries: paper, steel, ports, automotive, power, mining, rail, oil & gas.