

Alarm fuses

Daito Communication Apparatus Co., Ltd.

Alarm fuses have been used over a long period of time in communication devices (e.g., telephone switchboards), industrial equipment (e.g., machine tools) and plant control systems (e.g., nuclear power plants) that require high reliability.































Daito alarm fuses display indications when they are blown. They can also issue alarms via internal contacts. In this way, they achieve the required high reliability.

By utilizing the above described features, it is possible to notify the center, via alarm contact outputs, of blown fuses in systems at unmanned stations. On site, blown fuses display white indications so that they can be noticed quickly. In addition, easy handling with dedicated holders makes their replacement much easier. This contributes to the early recovery of systems.

Application examples

- Routers/Switches
- Portable radio base stations
- Disaster prevention radio communication equipment/Fire alarm systems (for rolling stock)
- Industrial robots
- Manufacturing equipment
- Traffic control equipment
- Rolling stock/Terrestrial equipment
- Uninterruptible power supply units, etc.

Product lineup

Item name	Image	Dimensions	Rated current	Rated breaking capacity	Safety standards
P4/PL4		32×10×35mm	0.3~5A	AC220V 2,500A DC250V 1,500A	
			7.5, 10A	AC125V 2,500A DC125V 1,500A	
			15A	AC/DC 125V 1,000A	
SP4 Time lag		32×10×35mm	0.1~2A	AC220V 2,500A DC250V 1,500A	
			3, 3.5A	AC220V 1,500A DC250V 300A	
			5A	AC/DC 125V 1,000A	
P4L/PL4L		32×10×35mm	0.4~7.5A	AC125V 10,000A DC125V 1,500A	
			10, 15A	AC/DC 125V 100A AC/DC 60V 200A	
SP4L Time lag		32×10×35mm	0.3~3.5A	AC/DC 250V 200A AC125V 10,000A	
P4H		32×10×35mm	0.4~5A	AC/DC 250V 1,500A AC125V 10,000A	 
			7.5, 10A	AC/DC 250V 200A AC125V 10,000A	
MP		17.2×5.5×19mm	0.32~7.5A	AC/DC 125V 100A	  
SDP Time lag		17.2×5.5×19mm	1~7.5A	AC125V 100A DC125V 50A	  
HP		30.3×8×20mm	0.32~5A	AC/DC 250V 1,500A AC125V 10,000A	 
			6.3A	AC/DC 250V 200A AC125V 10,000A	
EP		30×8×25.5mm	8~20A	AC/DC 125V 200A	
GP		32×11.5×20.5mm	0.32~5A	AC/DC 250V 1,500A AC125V 10,000A	  
			7.5~15A	AC/DC 250V 750A AC125V 10,000A	
UP		32×25×37mm	7.5~30A	AC125V 10,000A DC125V 1,500A AC250V 2,500A	 
			40, 50A	AC125V 10,000A DC125V 1,000A AC250V 2,500A	
UPK		32×25×37mm	60, 70A	AC 125V 10,000A AC250V 1,500A DC125V 1,000A	

* The descriptions in this leaflet are true and accurate at the time of printing but are subject to change without prior notice.

* Please feel free to contact us for more detailed information about the variation of the rated currents and the terminal shapes of tubular fuses.

Manufacturer



Daito Communication Apparatus Co., Ltd.

Address: 2-17-7, Shimomeguro, Meguro-ku, Tokyo, Japan

Phone: +81-3-3495-6711

Fax: +81-3-3495-5722

E-Mail: sales@daitotusin.co.jp

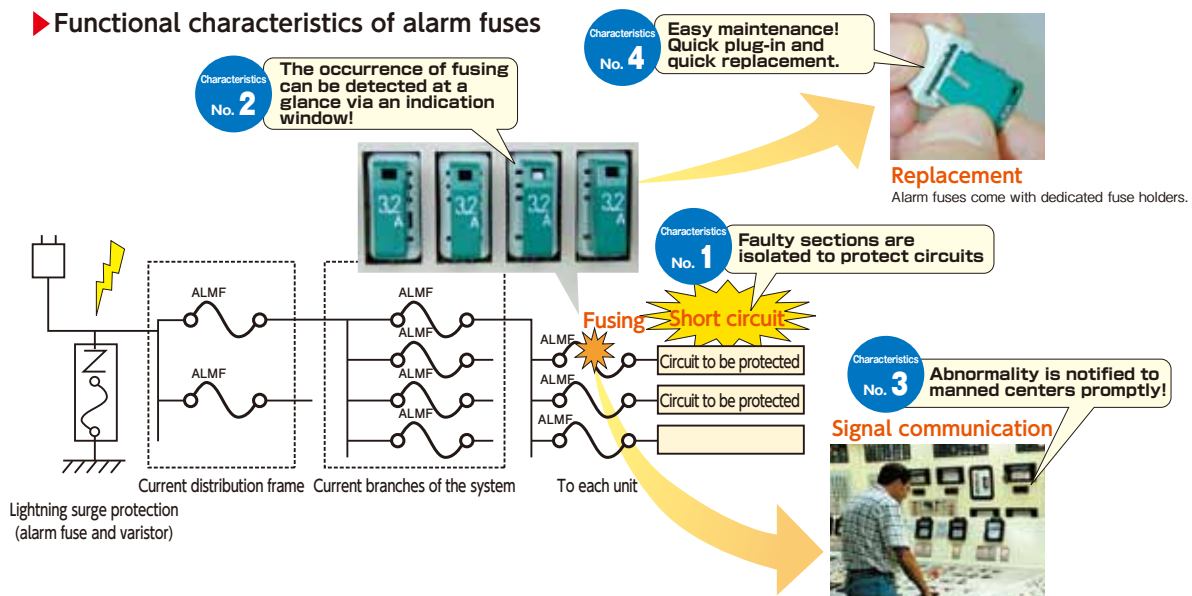
Website: <http://www.daitotusin.co.jp/english/index.htm>

Distributor

Alarm fuses indispensable for the early recovery of systems

Blown fuse indication and quick notification to remote centers via internal alarm contacts are possible. On-site work efficiency will be much improved.

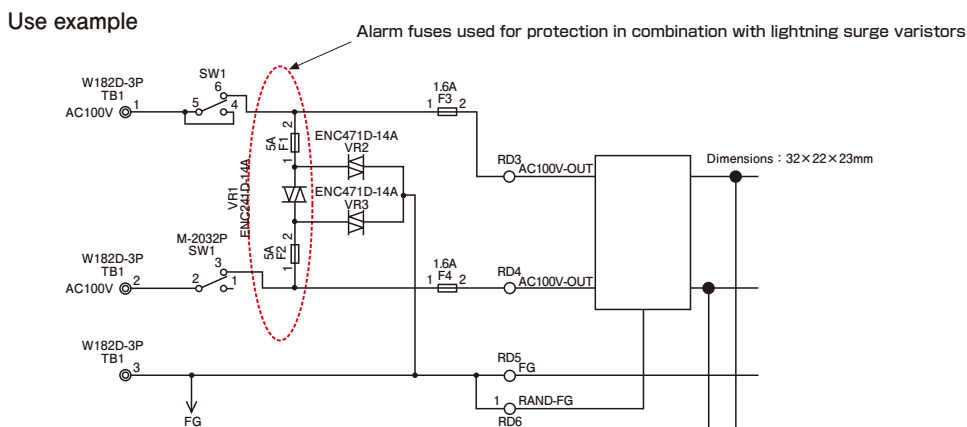
1. Main functions of alarm fuses



● Operation example

1. As their fundamental function, fuses isolate the protected section by fusing when abnormal currents are detected.
2. If fusing occurs and, consequently, the fuse is blown, an indication is displayed. It can be detected at a glance even if multiple alarm fuses are installed in a row.
3. Alarm fuses contain internal contacts. Via those contacts, fuse blow can be notified to remote centers.
4. The plug-in structure enables safe and easy recovery of systems.

2. Alarm fuses that can also be used for lightning protection



Advantages of the use of alarm fuses in combination with lightning protection products

- Degradation or failure of lightning protection products can be detected via contacts.
- The mounting method with dedicated holders enables easy removal of fuses. Lightning protection products can be replaced safely after removing the fuses.

Alarm fuses have been used over a long period of time in communication devices, industrial equipment and plant control systems that require high reliability. Daito alarm fuses can achieve that requirement.