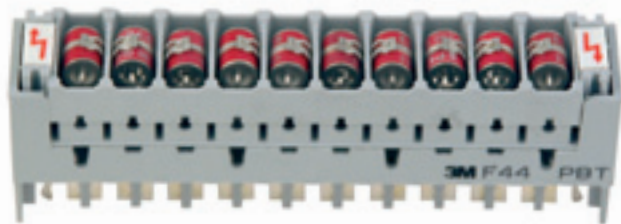


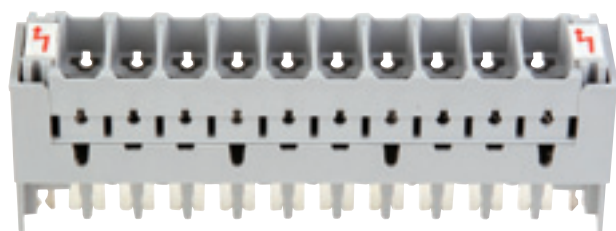
**3M**

**QSA**

# Overvoltage protection magazine 3-pole



10 pair OVP magazine with 3-pole arresters with fail-safe



10 pair OVP magazine for 3-pole arresters

The QSA 3-pole overvoltage protection magazine can be inserted on QSA/ LSA-PLUS® modules for the overvoltage protection of all pairs. An additional earthing bar is not required.

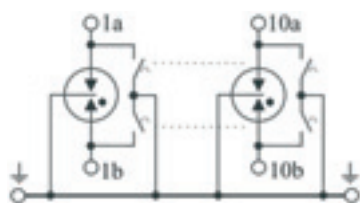
The magazine is available either already equipped with arresters (2x 5 kA with fail-safe) or as an empty version.

The empty magazine can be equipped with 3-pole arresters with or without fail-safe.

The characteristic dimensions for the gas discharge tubes are:

- Distance of the pins 4.4 mm
- Diameter of the pins 1.0 mm
- Diameter of the body 8.0 mm
- Length of the body max. 15.0 mm

For power crossing the gas discharge tubes are equipped with fail-safe device.



Circuit diagram of OVP magazine (only 2 positions shown)

## Features

- Pluggable on disconnection modules and connection modules
- Gas discharge tubes with fail-safe device available

## Benefits

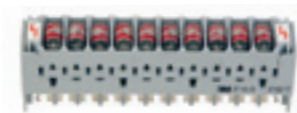
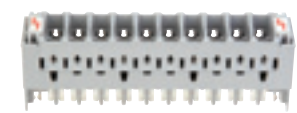



- Extensive protection of the system
- Protection against power crossing

# Specification

Performance	(Typical values)	Materials
Insulation resistance:	More than $5 \times 10^4 \text{ M}\Omega$	Housing: PBTP, self extinguishing UL94 V-0
Impulse current capability (8/20 $\mu$ s):	up to 10 kA (Connection Module) up to 5 kA (Disconnection Module)	Colour: light grey
		Contact: special brass alloy, silver plated
		Dimension (L x W x D) (OVP magazine) 112 x 22 x 43 mm

## Ordering information

## Ref. No.

	<b>Quante™ QSA 10 pair OVP magazine with 3-pole arresters with fail-safe</b> 230 V, 2 x 5 kA, 2 x 5A	<b>38126-508 00</b>
	<b>Quante™ QSA 10 pair OVP magazine for 3-pole ar-resters</b>	<b>38126-502 40</b>
	<b>3-pole surge arrester with integrated fail-safe, 230V, 2x10 kA</b> 230 V, 2 x 10 kA, 2 x 10 A	<b>05-661-02800</b>
	<b>3-pole surge arrester without fail-safe, 230 V, 2x10 kA</b> 230 V, 2 x 10 kA, 2 x 10 A	<b>39081-728 00</b>
	<b>3-pole surge arrester with integrated fail-safe, 230 V, 2x5 kA</b> 230 V, 2 x 5 kA, 2 x 5A	<b>05-661-02600</b>

### 3M is a trademark of 3M.

#### Important Notice

Buyer and/or user of this 3M product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject - in accordance with the prevailing law - to the Terms of Sale of the selling 3M subsidiary. 3M is trademark of the 3M company.  
© LSA-PLUS is trademark of ADC Krone company.



#### 3M Telecommunications

Europe, Middle East & Africa  
c/o 3M Deutschland GmbH  
Carl-Schurz-Straße 1  
41453 Neuss · Germany

Tel.: ++49 (0)2131 / 14-5999

Fax: ++49 (0)2131 / 14-5998

Internet: [www.3MTelecommunications.com](http://www.3MTelecommunications.com)

Rights reserved to make technical alternations.  
Dr.Nr. 07-404-80700/04.2007