



## FLASHTRAB compact Ingeniously simple – simply ingenious

FLASHTRAB compact are surge protection combinations Type 1+Type 2 (previously arrester classes B+C). Convenient installation blocks are available for all the usual applications. FLASHTRAB compact stands out due to a wide range of features which offer incomparable benefits to the user. Our ideas and experience, coupled with the demands encountered in practice, laid the foundation stone for FLASHTRAB compact. Get ready to be impressed.



Phoenix Contact

Pluggable lightning arresters  
- Low line follow current  
- Encapsulated  
- Autonomous operation  
- Testing to VDE V 0185-3

World's first ever pluggable total spark gap

Common floating remote indicator contact for all plugs

Labeling of each individual plug possible



Can be used worldwide in acc. with IEC 61643

Optical status display, mechanical

Pluggable high-performance surge arrester  
- Autonomous operation  
- Testing to VDE V 0185-3

Labeling of entire module possible

Variable installation thanks to reversible base element

Convenient connection via double terminal points up to 35 mm<sup>2</sup>

Mechanical coding to prevent incorrect plugging

### Space-saving solutions ...



**FLT-CP-1S-350**  
... for 3-wire networks  
Order No.: 28 59 73 8



**FLT-CP-3C-350**  
... for 4-wire networks  
Order No.: 28 59 72 5



**FLT-CP-3S-350**  
... for 5-wire networks  
Order No.: 28 59 71 2

Phoenix Contact

## Fax

I would like to receive information on FLASHTRAB compact.

I would like to receive further information on:

Please send your newsletter to the e-mail address below.

I would like a personal consultation without obligation.

Name \_\_\_\_\_

Company \_\_\_\_\_

Department \_\_\_\_\_

Address/P.O. Box \_\_\_\_\_

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Simply ingenious ...  
... pluggable to perfection

FLASHTRAB compact are surge arrester combinations comprising fully encapsulated pluggable lightning arresters and high-performance fully functional pluggable surge arresters. All the inserted arresters realize their complete performance capability autonomously. Universal pluggability, which for the first time includes the total spark gap, ensures unsurpassed convenience. After installation, two fingers are all that is really needed in the line of tools – that's how easy life is with FLASHTRAB compact.



FLASHTRAB compact



**Your benefits:**

- Service tasks, such as insulation measurement, without the need for disconnection and intervention in the installation
- Efficient inexpensive replacement in the event of an overload
- Autonomously operating lightning and surge arresters

Ingeniously simply ...  
... whichever way you turn it

Installation convenience is largely dependent on the conditions at the site of installation. If the bulky feed line comes from below, terminal points at the top present a major hurdle to installation. If the feed line comes from above, the same applies to terminal points at the base. FLASHTRAB compact comes into its own here with its practice-oriented flexibility. Just disconnect the plug, turn the base element, insert the plug again and that's it. No need for headstands. FLASHTRAB compact adapts itself to the installation.



FLASHTRAB compact

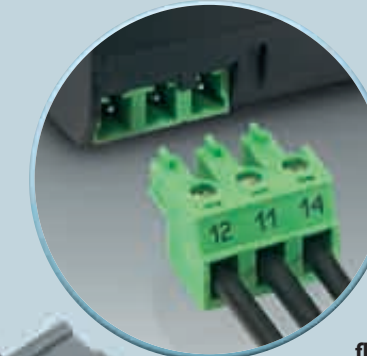


**Your benefits:**

- A choice of installation direction
- It adapts to installation conditions
- Labels can be read in any position.

Ingeniously simply ...  
... the status at a glance

Surge protection means safety. FLASHTRAB compact visualizes this safety. All the relevant plugs are equipped with status signaling. The principle relies solely on mechanics and does not use any electrical energy. All the mechanisms affect a floating PDT contact. This enables remote indication with a free choice of transmission signal – and without any additional space requirements. For anyone who wants more than digital information, both the surge arresters and the lightning arresters can now be tested accurately for the first time. Ask for the CHECKMASTER.



Integrated floating PDT contact for remote signaling

FLASHTRAB compact



Mechanical status display of the spark gap

**Your benefits:**

- Local function check of all plugs possible
- Signaling without consumption of electrical energy
- Integration of status signaling in your system control without needing additional space

Simply ingenious ...  
... the new standard in technology

FLASHTRAB compact shines thanks to its innovative technology. These pluggable lightning arresters are based on encapsulated spark gap technology and designed to ensure a low line follow current. Line follow current means stress for the entire installation. The availability of whole plant sections is frequently lost because it causes so many fuses to be triggered – this is simply not an issue with FLASHTRAB compact. Thanks to a rated surge arrester voltage of 350 V AC, this high-performance product fulfills all the TOV specifications in accordance with EN 61643-11. As a result, FLASHTRAB compact is at home all over the world. System protection in the event of lightning strikes up to 200,000 A is nothing to boast about for Flashtrab.



FLASHTRAB compact



**Your benefits:**

- Protection against lightning strikes up to 200,000 A
- No additional back-up fuse required below 315 A
- Even the smallest of fuses remain unaffected (low line follow current)
- Can be used all over the world

