

## DEHNcap/MDS Interface Modules

### Nominal voltages up to 45 kV / 50 Hz

- Three-pole cable set
- Saline fog tested
- For use as HR or LRM measuring point (measuring socket) incl. frame and socket cover
- Adapted to existing, capacitive coupling electrodes
- Separate coupling and front panel unit

The **front panel unit** consists of a measuring point (measuring sockets), frame with socket cover and coaxial connecting cable.

The **coupling unit** consists of a connecting cable for coupling electrodes, integrated voltage-limiting device with earth connection and terminal for connecting cables (coaxial cable gland) to the front panel unit.

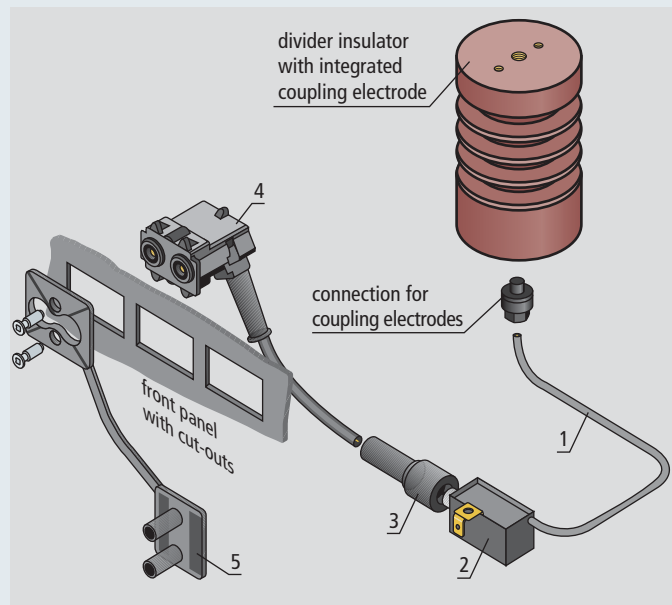
DEHNcap/MDS interface modules can be adapted to all types of devices that have capacitive coupling electrodes, e.g. divider insulators, voltage transformers, bushings as well as internal and external cone-type cable connectors.

#### Please specify the following data when placing your order:

- Type of measuring point (measuring socket): \_\_\_\_\_ HR system  
or \_\_\_\_\_ LRM system
- Length of the connecting/coaxial cable to the front panel unit (if more or less than 4500 mm are required): \_\_\_\_\_ mm
- Value of existing coupling capacitance: \_\_\_\_\_ pF
- Nominal voltage of the installation: \_\_\_\_\_ kV

## SAFETY EQUIPMENT VOLTAGE DETECTING SYSTEMS

EN/IEC 61243-5 (DIN VDE 0682 Part 415)



DEHNcap/MDS interface module (single-pole unit)

#### DEHNcap/MDS coupling unit

- 1 Connecting cable for coupling electrodes
- 2 Circuit with integrated voltage-limiting device and earth connection
- 3 Coaxial cable gland

#### DEHNcap/MDS front panel unit

- 4 Measuring sockets (HR/LRM interface) with coaxial connecting cable
- 5 Frame with socket cover



Type	Design	Distance between measuring sockets	Cable length	Packing unit	Part No.
<b>A DEHNcap/MDS-HR</b>					
FPE DCA HR	front panel unit	19 mm	4500 mm	3 pc(s).	<b>767 815</b>
AKE DCA HR	coupling unit		200 mm	3 pc(s).	<b>767 816</b>
<b>B DEHNcap/MDS-LRM</b>					
FPE DCA LRM	front panel unit	14 mm	4500 mm	3 pc(s).	<b>767 825</b>
AKE DCA LRM	coupling unit		200 mm	3 pc(s).	<b>767 826</b>