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C14



70° C

### Description

- Panel mount:  
Screw-on version from front side
- 4 Functions:  
Connector Protection class I, Line switch 2-pole, Fuseholder for fuse-links 5 x 20 mm 1-pole, Line-filter in standard version
- Quick connect terminals 6.3 x 0.8 mm
- Alternative: Fuseholder 2-pole [FKI](#)

### Characteristics

- Compact design with optimal shielding
- All single elements are already wired
- The fuseholder is accessible from the equipment front  
Plug removal necessary for fuse-link replacement
- Qualified for use in equipment according IEC/EN 60950

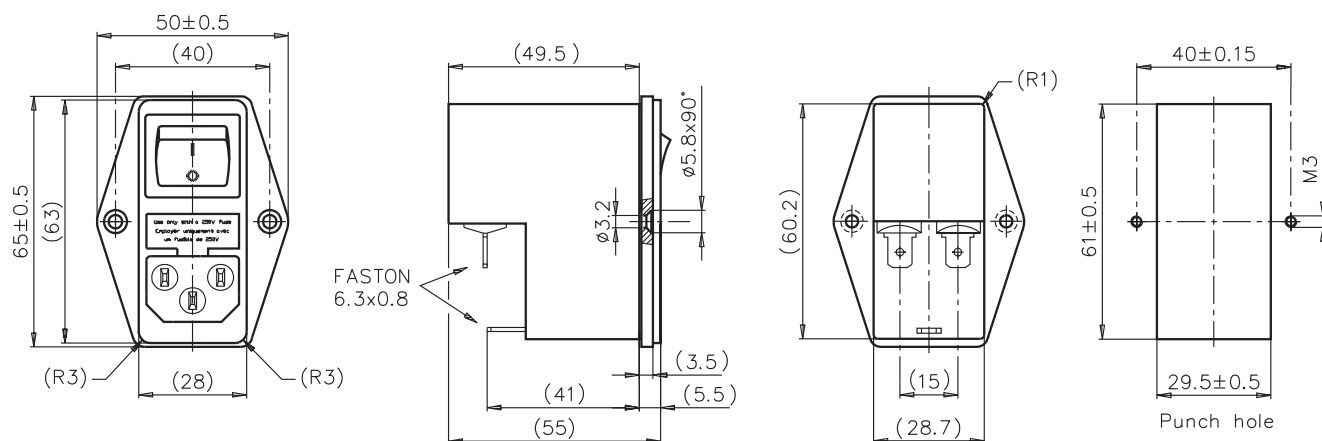
### Technical data

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Ratings IEC               | 1 - 10 A @ Ta 40 °C / 250 VAC; 50 Hz                                        |
| Ratings UL/CSA            | 1 - 10 A @ Ta 40 °C / 125 VAC; 60 Hz                                        |
| Leakage current           | standard < 0.25 mA (250 V / 60 Hz)                                          |
| Dielectric strength       | > 1.7 kVDC between L-N<br>> 2.7 kVDC between L/N-PE<br>Test voltage (2 sec) |
| Allowable operation temp. | -25 °C to 85 °C                                                             |
| Climatic category         | 25/085/21, IEC 60068-1                                                      |
| Degree of protection      | from front side IP40 acc. to IEC 60529                                      |
| Protection class          | Suitable for appliances with protection class I acc. to IEC 61140           |
| Terminals                 | Quick connect terminals 6.3 x 0.8 mm                                        |
| Panel thickness s         | Screw-on: max 8 mm<br>Mounting screw torque max 0.5 Nm                      |
| Materials: Housing        | Thermoplastic, black, UL 94V-0                                              |

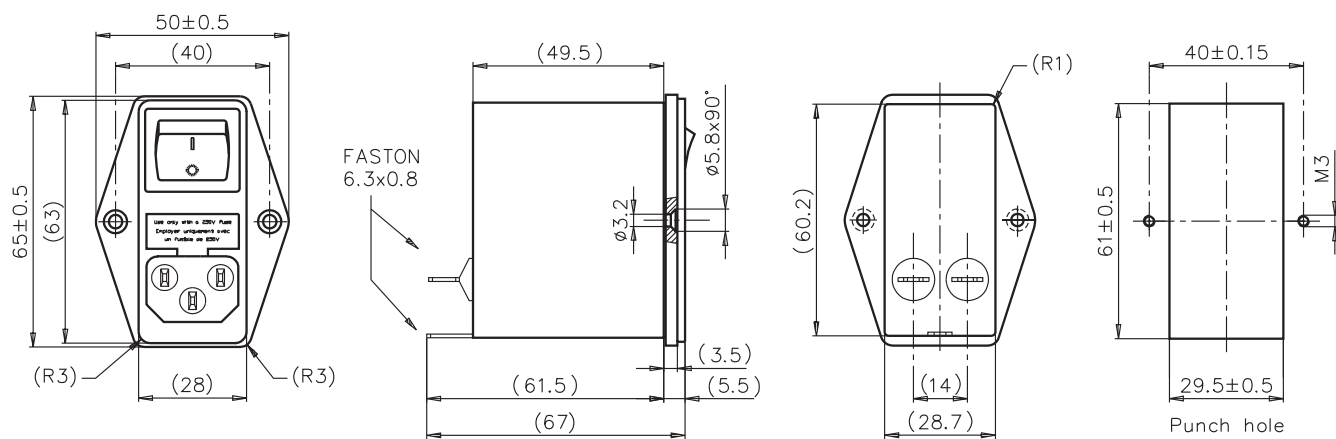
|                              |                                                                                                                                                         |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appliance-inlet /-outlet     | C14 acc. to IEC/EN 60320-1, UL 498, CSA C22.2 no. 42 (for cold condition) pin-temperature 70 °C, 10 A, Protection class I                               |
| Fuseholder                   | 1-pole, Shocksav category PC2 acc. to IEC/EN 60127-6, for fuse-links 5 x 20 mm                                                                          |
| Power acceptance @ Ta > 23°C | Admissible power acceptance at higher ambient temperature see derating curves. Take note of the information <a href="#">GENERAL PRODUCT INFORMATION</a> |
| Line switch                  | Rocker switch 2-pole, non-illuminated, acc. to IEC 61058-1<br>Technical details <a href="#">GENERAL PRODUCT INFORMATION</a>                             |
| Line filter                  | Standard Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8<br>Technical details <a href="#">GENERAL PRODUCT INFORMATION</a> |

## Dimensions

## Case 50



## Case 45

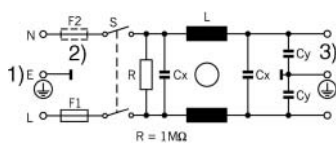


## Technical data of filter-components

| Rated current<br>[A] | Filter-Type      | Inductances<br>L [mH] | Capacitance<br>CX [nF] | Capacitance<br>CY [nF] | R [MΩ] |
|----------------------|------------------|-----------------------|------------------------|------------------------|--------|
| 1                    | Standard Version | 2 x 10                | 68                     | 2.2                    | 1      |
| 2                    | Standard Version | 2 x 4                 | 68                     | 2.2                    | 1      |
| 4                    | Standard Version | 2 x 1.5               | 68                     | 2.2                    | 1      |
| 6                    | Standard Version | 2 x 0.8               | 68                     | 2.2                    | 1      |
| 10                   | Standard Version | 2 x 0.3               | 68                     | 2.2                    | 1      |

## Diagrams

## Standard Version



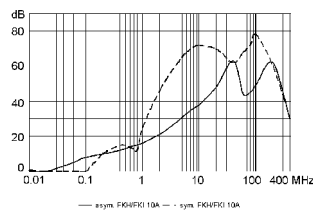
- 1) Line
- 2) only FKI
- 3) Load

## Attenuation loss

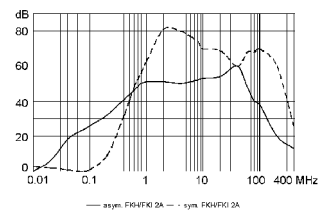
- - - differential mode    — common mode

## Standard version

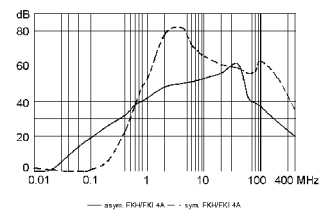
## 1 A



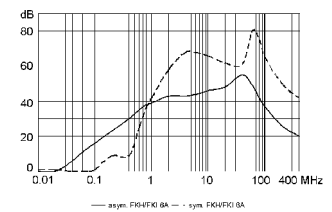
## 2 A



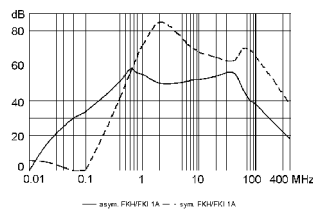
## 4 A



## 6 A

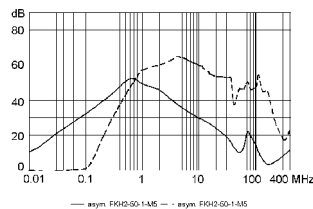


## 10 A

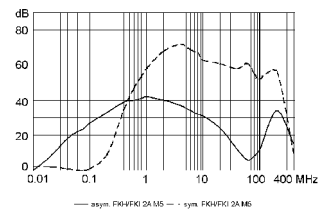


## Medical version

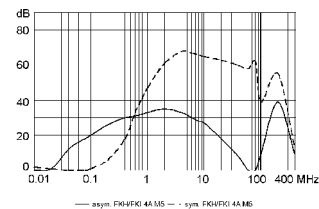
## 1 A



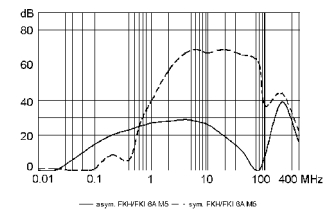
## 2 A



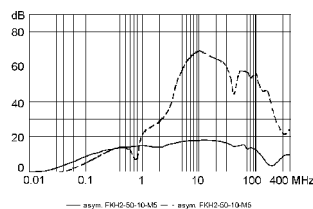
## 4 A



## 6 A



## 10 A



## Variants

## Socket and fuse drawer

| Order Number | Type | Rated current<br>[A] | Filter-Type      | Fuseholder | Line switch | Case | Materials: Housing  |
|--------------|------|----------------------|------------------|------------|-------------|------|---------------------|
| 4304.4041    | FKH  | 1                    | Standard Version | 1-pole     | 2-pole      | 45   | Aluminum            |
| 4304.4042    | FKH  | 2                    | Standard Version | 1-pole     | 2-pole      | 45   | Aluminum            |
| 4304.4043    | FKH  | 4                    | Standard Version | 1-pole     | 2-pole      | 45   | Aluminum            |
| 4304.4044    | FKH  | 6                    | Standard Version | 1-pole     | 2-pole      | 45   | Aluminum            |
| 4304.4045    | FKH  | 10                   | Standard Version | 1-pole     | 2-pole      | 45   | Aluminum            |
| 4304.4001    | FKH  | 1                    | Standard Version | 1-pole     | 2-pole      | 50   | Nickel plated steel |
| 4304.4002    | FKH  | 2                    | Standard Version | 1-pole     | 2-pole      | 50   | Nickel plated steel |
| 4304.4003    | FKH  | 4                    | Standard Version | 1-pole     | 2-pole      | 50   | Nickel plated steel |
| 4304.4004    | FKH  | 6                    | Standard Version | 1-pole     | 2-pole      | 50   | Nickel plated steel |
| 4304.4005    | FKH  | 10                   | Standard Version | 1-pole     | 2-pole      | 50   | Nickel plated steel |

## Packaging unit

10 Pcs