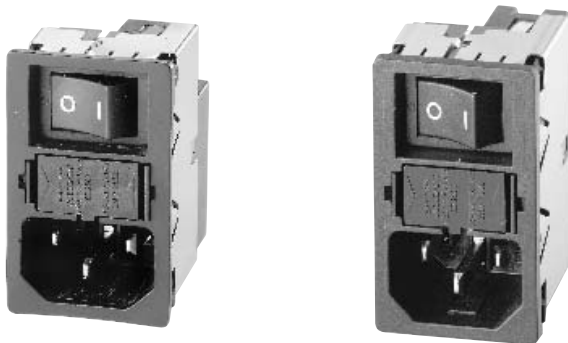


Power Entry Module Types KM, KMF

- Panel mount: snap-in, front-side
- 4 functions: appliance inlet, fuseholder for fuses 5 x 20 mm, line switch and line filter



KMF: with shield and line filter / mit Abschirmung und Netzfilter  
KM: only with shield, without line filter / nur mit Abschirmung, ohne Netzfilter

Characteristics

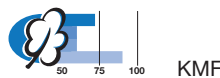
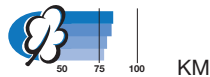
- Ultra-compact design. Small dimensions in front of and behind the panel
- Innovative EMC-shielding with flexible steel segments for an excellent contact
- All single elements are already wired
- For added safety "Extra-Safe" fuse drawers are available. Extra-safe fuse drawers satisfy international standards for medical equipment. The drawer can only be removed with the aid of a tool.
- The fuseholder is accessible from the equipment front
- Qualified for use in equipment according to IEC/EN 60950

Technical data

|                                                                  |                                                                                                                                                                            |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Rated voltage                                                    | 125/250 VAC; 50/60 Hz                                                                                                                                                      |
| Rated currents                                                   | 1-10 A; @T <sub>a</sub> 40 °C                                                                                                                                              |
| Leakage current, Standard                                        | < 0,5 mA (250 V/60 Hz)                                                                                                                                                     |
| Medical                                                          | < 5 µA (250 V/60 Hz)                                                                                                                                                       |
| Test voltage (2 sec)                                             | 1,7 kVDC between L-N/<br>2,7 kVDC between L/N-PE                                                                                                                           |
| Allowable ambient air temperatures T <sub>a</sub>                | -25 °C at +85 °C                                                                                                                                                           |
| Climatic category                                                | 25/085/21 acc. to IEC/EN 60068-1                                                                                                                                           |
| Degree of protection (front side)                                | IP 40 acc. to IEC 60529                                                                                                                                                    |
| Protection class                                                 | suitable for equipment with prot. cl. I, acc. to IEC 61140                                                                                                                 |
| Terminals                                                        | quick-connect 4,8 x 0,8 mm                                                                                                                                                 |
| Panel thickness s                                                | only one snap-in version suitable for s = 1/1,5/2/2,5 mm                                                                                                                   |
| Materials: Housing                                               | Thermoplastic, black, UL94 V-0                                                                                                                                             |
| Appliance-inlet                                                  |  acc. to IEC/EN 60320-1/C14, Protection class I, pin-temperature 70 °C (cold condition) |
| Fuseholder                                                       | 1- or 2-pole, shocksafe category PC2 acc. to IEC/EN 60127-6, for fuse links 5 x 20 mm                                                                                      |
| Rated power acceptance at ambient air temp. T <sub>a</sub> 23 °C | 2 W (1-pole), 1,4 W (2-pole) per pole                                                                                                                                      |
| Admissible power acceptance at higher T <sub>a</sub>             | see derating curves. Take note of the information on page 193                                                                                                              |
| Line switch (Rocker switch)                                      | 1- or 2-pole, non-illuminated, acc. to IEC/EN 61058-1<br>Technical details see page 198                                                                                    |
| Line filter, standard and medical                                | acc. to IEC 60939, EN 133 200, UL 1283, CSA C 22.2 no. 8<br>Technical details see page 200                                                                                 |

Gerätestecker-Kombielement Typen KM, KMF

- Einbau in Platten: Schnappbefestigung, frontseitig
- 4 Funktionen: Gerätestecker, Geräte-Sicherungshalter für Einsätze 5 x 20 mm, Netzschalter und Netzfilter



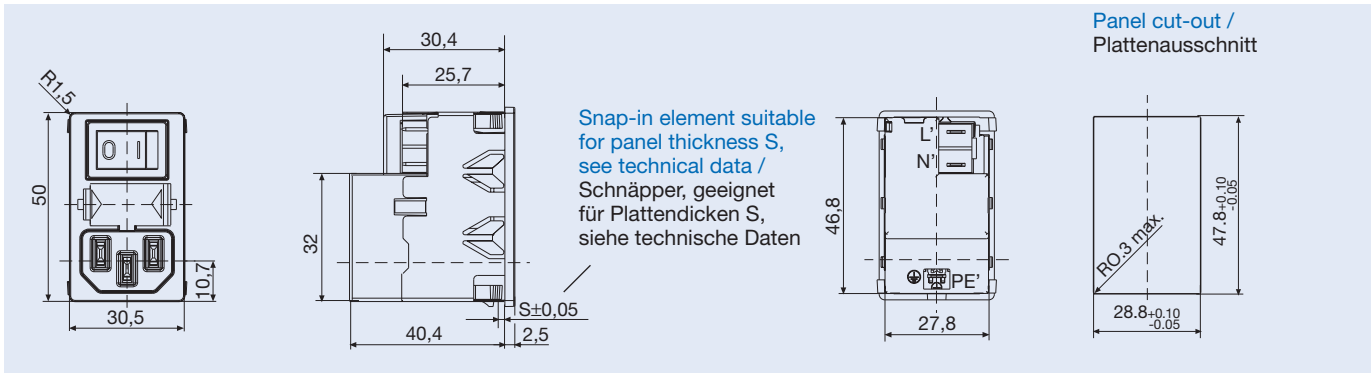
Merkmale

- Äusserst kompakte Bauweise und geringe Abmessungen bringen Platzersparnisse auf und hinter der Gerätewand
- Innovative EMV-Abschirmung mit flexiblen Lamellen für optimale Kontaktierung
- Die einzelnen Modul-Komponenten sind bereits verdrahtet
- Zusätzliche Sicherheit durch den Einsatz der «Extra Safe»-Schubladen. Sie erfüllen Anforderungen internationaler Normen für Geräte der Medizin-Technik. Die Schublade kann nur mit Hilfe eines Werkzeuges entriegelt werden.
- G-Sicherungshalter von der Geräte-Aussenseite zugänglich
- IEC/EN 60950 konform

Technische Daten

|                                                                  |                                                                                                                                                                            |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Nennspannung                                                     | 125/250 VAC; 50/60 Hz                                                                                                                                                      |
| Nennströme                                                       | 1-10 A; @T <sub>a</sub> 40 °C                                                                                                                                              |
| Ableitstrom, Standard                                            | < 0,5 mA (250 V/60 Hz)                                                                                                                                                     |
| Medizinal                                                        | < 5 µA (250 V/60 Hz)                                                                                                                                                       |
| Testspannung (2 sek)                                             | 1,7 kVDC zwischen L-N/<br>2,7 kVDC zwischen L/N-PE                                                                                                                         |
| Zulässige Umgebungstemperaturen T <sub>a</sub>                   | -25 °C bis +85 °C                                                                                                                                                          |
| Klimakategorie                                                   | 25/085/21 nach IEC/EN 60068-1                                                                                                                                              |
| Schutzgrad von Frontseite                                        | IP40 nach IEC 60529                                                                                                                                                        |
| Schutzklasse                                                     | geeignet für Geräte der Schutzklasse I nach IEC 61140                                                                                                                      |
| Anschlüsse                                                       | Steckanschlüsse 4,8 x 0,8 mm                                                                                                                                               |
| Plattendicken s                                                  | nur eine Schnappvariante geeignet für s = 1/1,5/2/2,5 mm                                                                                                                   |
| Material: Gehäuse                                                | Thermoplast, schwarz, UL94 V-0                                                                                                                                             |
| Gerätestecker                                                    |  gemäss IEC/EN 60320-1/C14, Schutzklasse I, Stifttemperatur 70 °C (Kaltgerätestecker) |
| Geräte-Sicherungshalter                                          | 1- oder 2-polig, Berührungsschutz Kategorie PC2 gemäss IEC/EN 60127-6, für G-Si-Einsätze 5 x 20 mm                                                                         |
| Nennverlustleistung des G-Sicherungshalters T <sub>a</sub> 23 °C | 2 W (1-polig), 1,4 W (2-polig) pro Pol                                                                                                                                     |
| Zul. Leistungsaufnahme bei höheren T <sub>a</sub>                | siehe Derating-Kurven. Beachten Sie die Informationen auf Seite 193                                                                                                        |
| Netzschalter (Wippenschalter)                                    | 1- oder 2-polig, unbeleuchtet, gemäss IEC/EN 61058-1<br>Technische Details siehe Seite 198                                                                                 |
| Netzfilter, Standard und Medizinal                               | nach IEC 60939, EN 133 200, UL 1283, CSA C 22.2 Nr. 8<br>Technische Details siehe Seite 200                                                                                |

Dimensions / Abmessungen KMF



Dimensions KM with shield / Abmessungen KM mit Abschirmung

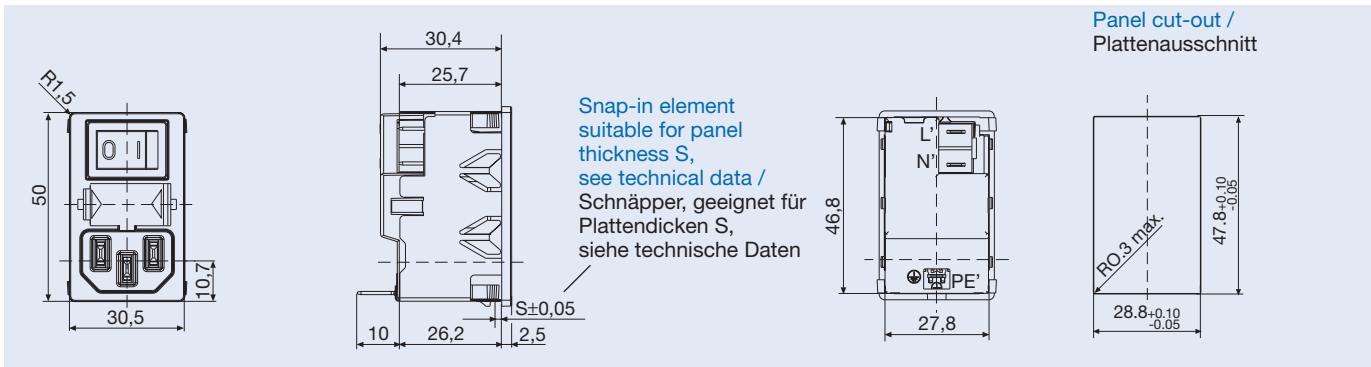
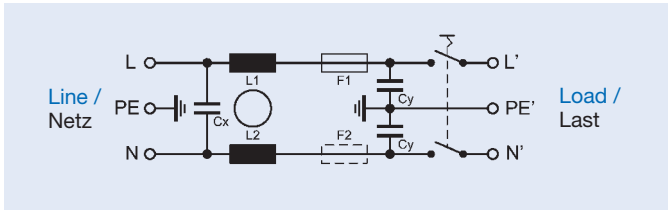


Diagram KMF / Schaltbild KMF

Standard version / Standard Version



Medical version / Medizinal Version

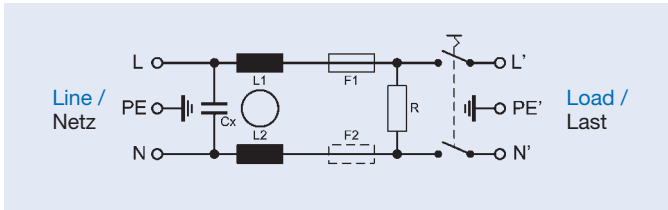
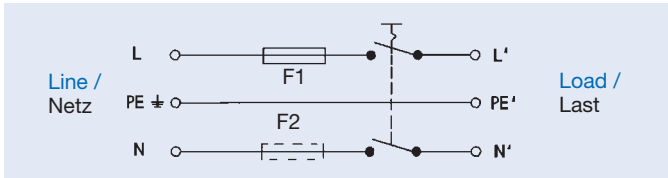
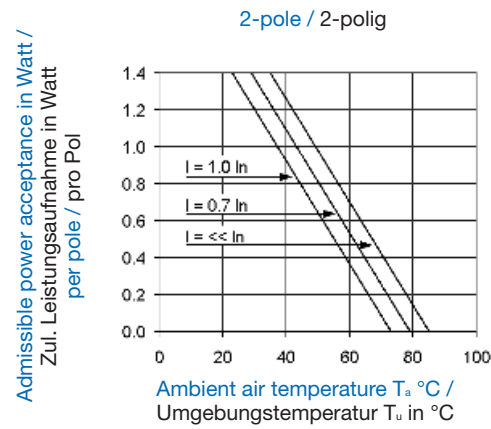
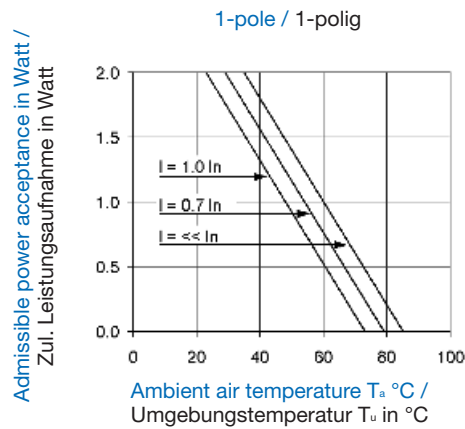


Diagram KM with shield / Schaltbild KM mit Abschirmung



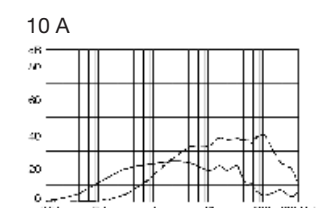
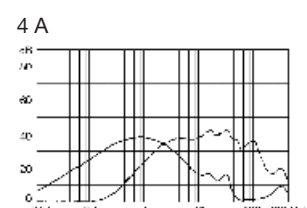
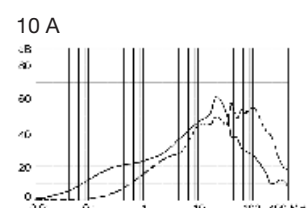
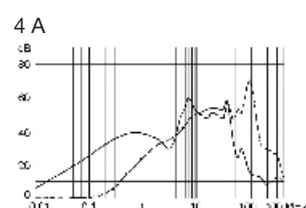
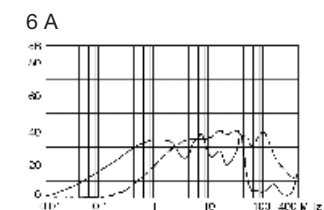
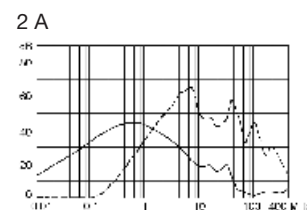
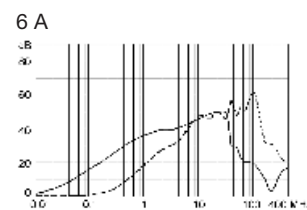
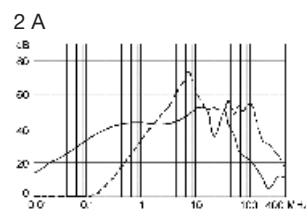
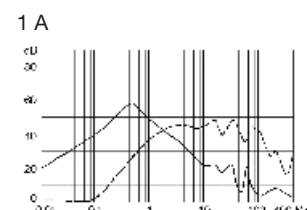
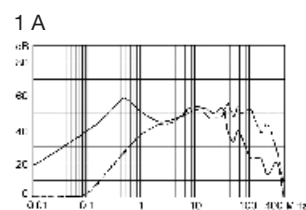
Technical data of filter-components / Daten der Filter-Komponenten

| Rated current /<br>Nennstrom (A) | Filter-Type /<br>Filter-Typ | Inductance / Induktivitäten<br>L1/L2 (mH) | Capacitance / Kapazitäten<br>CX (nF) | CY (nF) | R<br>(MΩ) |
|----------------------------------|-----------------------------|-------------------------------------------|--------------------------------------|---------|-----------|
| 1                                | Standard / Standard         | 2 x 11                                    | 47                                   | 2 x 2,2 | -         |
| 2                                |                             | 2 x 4                                     |                                      |         |           |
| 4                                |                             | 2 x 1,6                                   |                                      |         |           |
| 6                                |                             | 2 x 0,7                                   |                                      |         |           |
| 10                               |                             | 2 x 0,4                                   |                                      |         |           |
| 1                                | Medical / Medizinal         | 2 x 11                                    | 47                                   | -       | 1         |
| 2                                |                             | 2 x 4                                     |                                      |         |           |
| 4                                |                             | 2 x 1,6                                   |                                      |         |           |
| 6                                |                             | 2 x 0,7                                   |                                      |         |           |
| 10                               |                             | 2 x 0,4                                   |                                      |         |           |

**Derating curves for fuseholder / Derating-Kurven für G-Sicherungshalter**

**Attenuation loss / Einfügedämpfung**

Standard version / Standard Version

symmetric ..... symmetrisch  
asymmetric ——— asymmetrisch



Order Numbers: socket  
(Fuse drawer must be ordered separately)

Bestell-Nummern für Sockel  
(Schublade separat bestellen)

| Type / Typ | Order no / Bestell-Nr. | Rated current / Nennstrom | Filter-Type /       | Line switch / Netzschalter | Fuseholder / G-Sicherungshalter |
|------------|------------------------|---------------------------|---------------------|----------------------------|---------------------------------|
| KM         | KM01.1205.11           | 10 A                      | –                   | 2-pole / 2-polig           | 1-pole / 1-polig                |
|            | KM01.1105.11           | 10 A                      | –                   |                            | 2-pole / 2-polig                |
| KMF        | KMF1.1211.11           | 1 A                       | Standard / Standard | 2-pole / 2-polig           | 1-pole / 1-polig                |
|            | KMF1.1221.11           | 2 A                       |                     |                            |                                 |
|            | KMF1.1241.11           | 4 A                       |                     |                            |                                 |
|            | KMF1.1261.11           | 6 A                       |                     |                            |                                 |
|            | KMF1.1291.11           | 10 A                      |                     |                            |                                 |
|            | KMF1.1111.11           | 1 A                       | Standard / Standard | 2-pole / 2-polig           | 2-pole / 2-polig                |
|            | KMF1.1121.11           | 2 A                       |                     |                            |                                 |
|            | KMF1.1141.11           | 4 A                       |                     |                            |                                 |
|            | KMF1.1161.11           | 6 A                       |                     |                            |                                 |
|            | KMF1.1191.11           | 10 A                      |                     |                            |                                 |
|            | KMF1.1213.11           | 1 A                       | Medical / Medizinal | 2-pole / 2-polig           | 1-pole / 1-polig                |
|            | KMF1.1223.11           | 2 A                       |                     |                            |                                 |
|            | KMF1.1243.11           | 4 A                       |                     |                            |                                 |
|            | KMF1.1263.11           | 6 A                       |                     |                            |                                 |
|            | KMF1.1293.11           | 10 A                      |                     |                            |                                 |
|            | KMF1.1113.11           | 1 A                       | Medical / Medizinal | 2-pole / 2-polig           | 2-pole / 2-polig                |
|            | KMF1.1123.11           | 2 A                       |                     |                            |                                 |
|            | KMF1.1143.11           | 4 A                       |                     |                            |                                 |
|            | KMF1.1163.11           | 6 A                       |                     |                            |                                 |
|            | KMF1.1193.11           | 10 A                      |                     |                            |                                 |

Other versions on request:  
• Other rocker marking

Weitere Ausführungen auf Anfrage:  
• Andere Wippenbeschriftungen

Order Numbers: fuse drawer (Fingergrip and Extra Safe)  
Bestell-Nummern für Schubladen (Fingergrip und Extra Safe)

| Design / Bauart | 1-pole / 1-polig | 2-pole / 2-polig |
|-----------------|------------------|------------------|
| Fingergrip      | 4301.1405        | 4301.1401        |
| Extra Safe      | 4301.1407        | 4301.1403        |

Other versions on request:  
• Fuse-drawer 1-pole, plus spare fuse case  
• Fuse-drawer 2-pole, with shorting bar in the neutral side N

Weitere Ausführungen auf Anfrage:  
• Schubladen 1-polig, mit Ersatzsicherungsfach  
• Schubladen 2-polig, mit Kurzschlussbolzen auf Seite N

Accessories see page 169

Zubehör siehe Seite 169