

## General-purpose power entry module FN 9260

- up to 6A current ratings
  - IEC 950-compliant
  - for one or two fuses (Ø5 x 20mm)
  - optional medical version (B type)
- 
- Nennstrom bis 6A
  - IEC 950 konform
  - Für eine oder zwei Sicherungen (Ø5 x 20mm)
  - Für medizinische Geräte als Option (Typ B)
- 
- courants de service pouvant atteindre 6A
  - conforme à CEI 950
  - pour un ou deux fusibles (Ø5 x 20mm)
  - version médicale en option (type B)



### Filter selection table

Choose the family FN xxx with the required body style and features, and add -?? to determine current rating, and /?? for output connections. Example: FN 9260-1/06 is a horizontal screw-mounting filter for twin fuses, rated for 1A, with fast-on outputs.

### Approvals



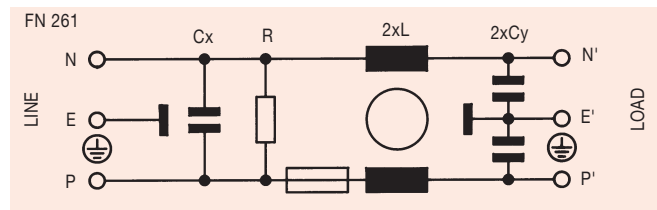
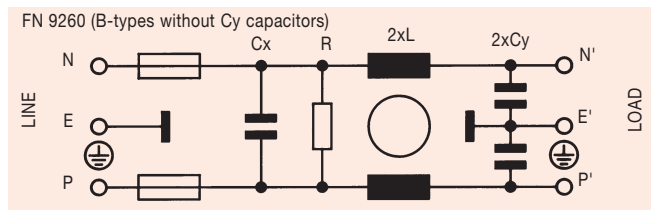
| Family           | Current ratings<br>A at 40°C (25°) |         |         |         | Output connection | Housing |   | For fuse(s)<br>Nbr. |
|------------------|------------------------------------|---------|---------|---------|-------------------|---------|---|---------------------|
|                  | 1 (1.2)                            | 2 (2.3) | 4 (4.6) | 6 (6.9) |                   |         |   |                     |
| FN 261 -?? /??   | -1                                 | -2      | -4      | -6      | /06               | ✓       | - | 1                   |
| FN 261S -?? /??  | -1                                 | -2      | -4      | -6      | /06               | -       | ✓ | 1                   |
| FN 9260 -?? /??  | -1                                 | -2      | -4      | -6      | /06               | ✓       | - | 2                   |
| FN 9260S -?? /?? | -1                                 | -2      | -4      | -6      | /06               | -       | ✓ | 2                   |
| Inductance L mH  |                                    |         |         |         |                   |         |   |                     |
|                  | 5.3                                | 2.7     | 1       | 0.3     |                   |         |   |                     |

### Additional specifications

| Filter type              | Capacitance |          | Maximum leakage<br>µA/phase | Res.<br>R<br>MΩ | Weight<br>g | Maximum operating volt. |       | Operating frequency<br>Hz | Hipot test voltage |            |
|--------------------------|-------------|----------|-----------------------------|-----------------|-------------|-------------------------|-------|---------------------------|--------------------|------------|
|                          | Cx<br>nF    | Cy<br>nF |                             |                 |             | VAC                     | Hz    |                           | PN→E<br>VAC        | P→N<br>VDC |
| All standard types       | 100         | 2.2      | 190                         | 1               | 50          | 250                     | 50/60 | DC to 400                 | 2000               | 1700       |
| FN 9260B types (medical) | 100         | -        | 2                           | 1               | 50          | 250                     | 50/60 | DC to 400                 | 2500               | 1700       |

MTBF at 40°C, 230V, per Mil-HB-217F: 2,200,000 hours

### Electrical schematics

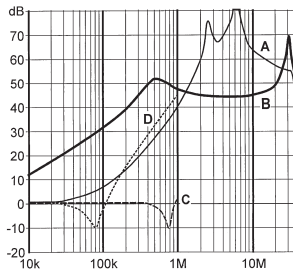


See tables for component values

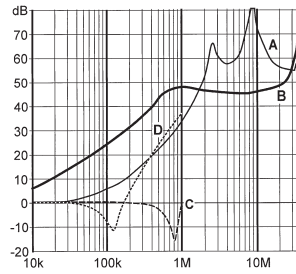
## FN 9260 insertion loss

Per CISPR 17; A = 50Ω/50Ω sym, B = 50Ω/50Ω asym, C = 0.1Ω/100Ω sym, D = 100Ω/0.1Ω sym

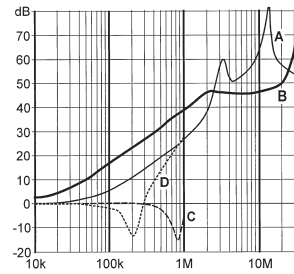
### 1 amp FN 26X types



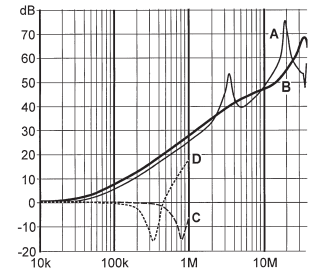
### 2 amp FN 26X types



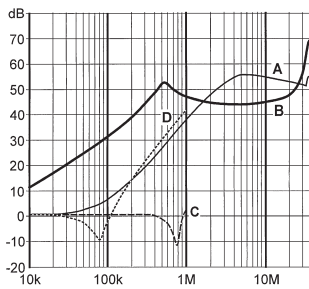
### 4 amp FN 26X types



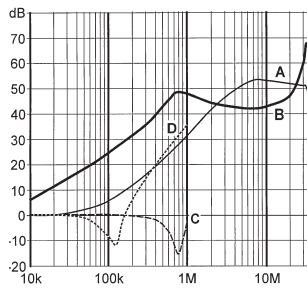
### 6 amp FN 26X types



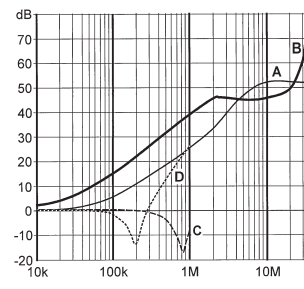
### 1 amp FN 926X types



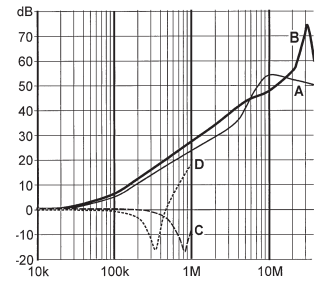
### 2 amp FN 926X types



### 4 amp FN 926X types



### 6 amp FN 926X types

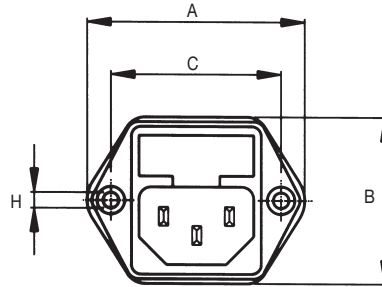


## Mechanical data

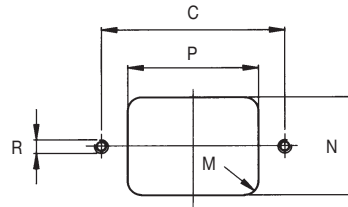
### FN 261/FN 9260

|   | FN 261<br>FN 9260 | FN 261S<br>FN 9260S       | Tol.<br>mm |
|---|-------------------|---------------------------|------------|
| A | 46                | 34                        | ± 0.3      |
| B |                   | 35                        | ± 0.3      |
| C | 36                |                           | ± 0.2      |
| D |                   | 41                        | ± 0.3      |
| E |                   | 27.9                      | +0.2<br>-0 |
| F | 5.5               |                           | ± 0.3      |
| G |                   | 32.2                      | +0<br>-0.2 |
| H | Ø3.3              |                           | ± 0.1      |
| J | 12.5              |                           | ± 0.3      |
| M | R≤3.5             |                           | -          |
| N | 33.2              | 29.5                      | ± 0.1      |
| P | 29.2              | 33.0                      | ± 0.1      |
| R | M3                |                           | -          |
| S | 90°               |                           | -          |
| T |                   | panel thickness 1.0-1.6mm | -          |

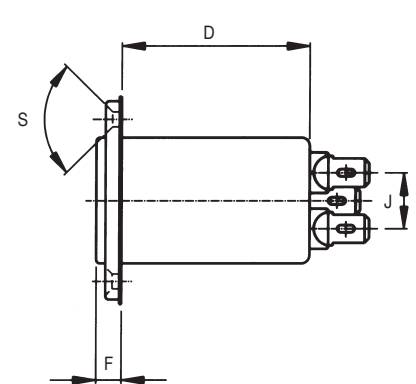
#### FRONT



#### PANEL CUT-OUT

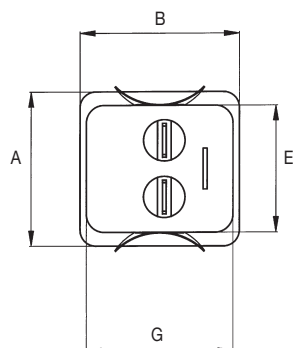


#### TOP

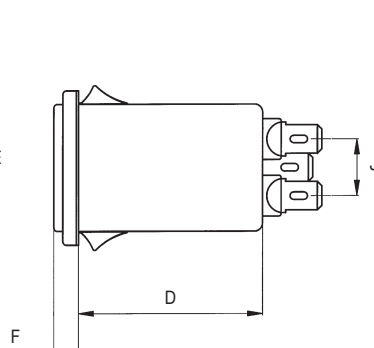


### FN 261S/FN 9260S

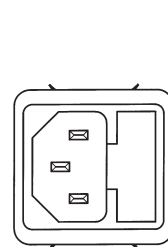
#### REAR



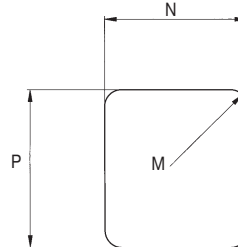
#### TOP



#### FRONT

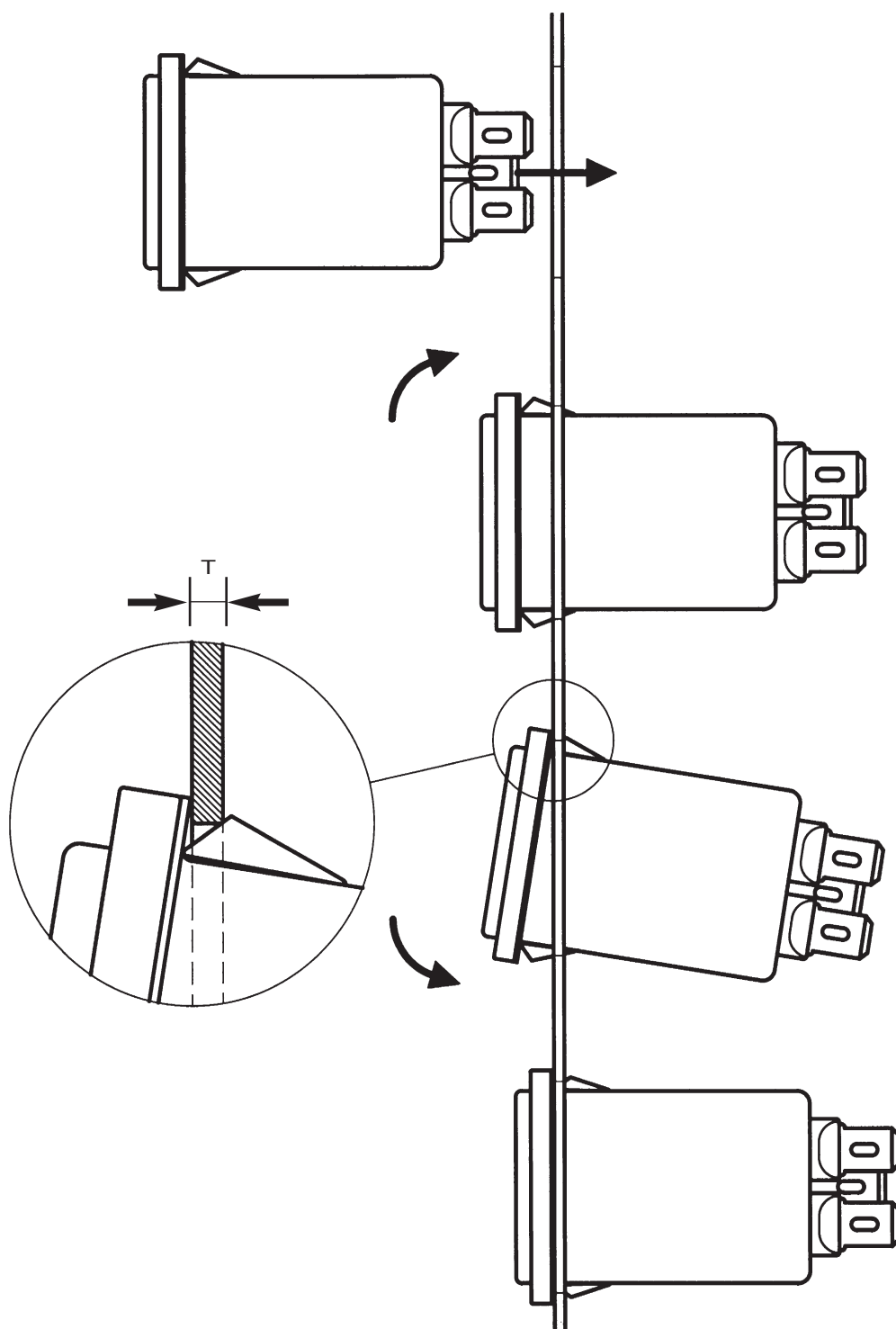


#### PANEL CUT-OUT



All dimensions in mm; 1 inch = 25.4mm

## Installation instructions snap-in FN 9222S/FN 9223S/FN 9224S/FN 9260S



| Filter type<br>FN 92xxS-??/?? | Thickness of mounting<br>panels T |
|-------------------------------|-----------------------------------|
| - 05                          | 0.5 - 1.0mm                       |
| - 10                          | 1.0 - 1.5mm                       |
| - 15                          | 1.5 - 2.0mm                       |