



Power Entry Module – KMF Series for Protection Class II



Safe Power For Medical Devices Used At Home

- > Aging population and rising cost of healthcare
- > New trend – medical care at home
- > Medical devices are being operated by untrained laypersons at home
- > Special safety requirements for at home medical devices IEC 60601-1-11
 - > Protection Class II
 - > Double insulation
 - > Test voltage 4 kV



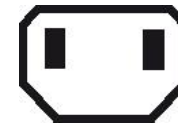
Power Entry Module with Filter for Protection Class II



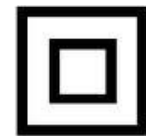
- > Most compact solution on the market
- > Easy and flexible snap-in mounting
- > Protection Class II
- > For home medical equipment



- > Compact power entry module with switch and filter for Protection Class II
- > IEC appliance inlet C18
- > EMI filter medical M5 version
- > Snap-in mounting for 1 - 2.5 mm panel thickness
- > Terminals: Quick connect 4.8 x 0.8 mm
- > Current ratings: 1, 2, 4, 6, 10 A
- > 2-pole switch
- > 1- or 2-pole fuse holder
- > Designed to meet IEC 60950 and IEC 60601-1, IEC 60601-1-11
- > Ideal for medical at home care equipment according IEC 60601-1-11

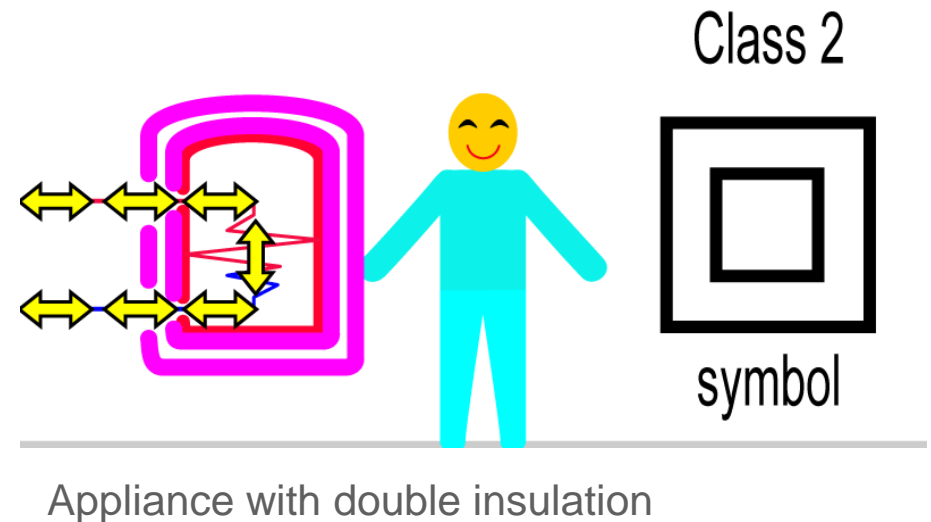
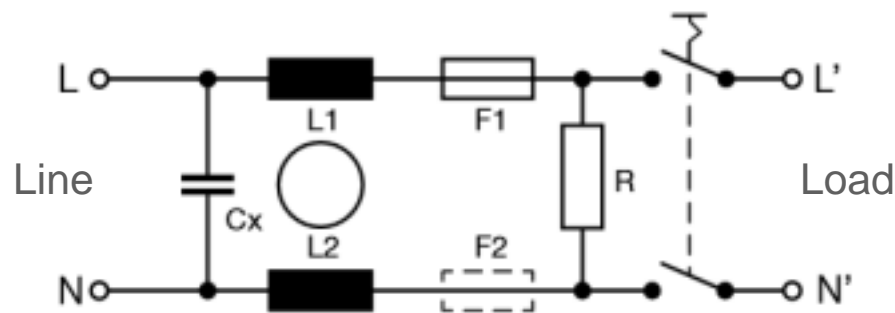
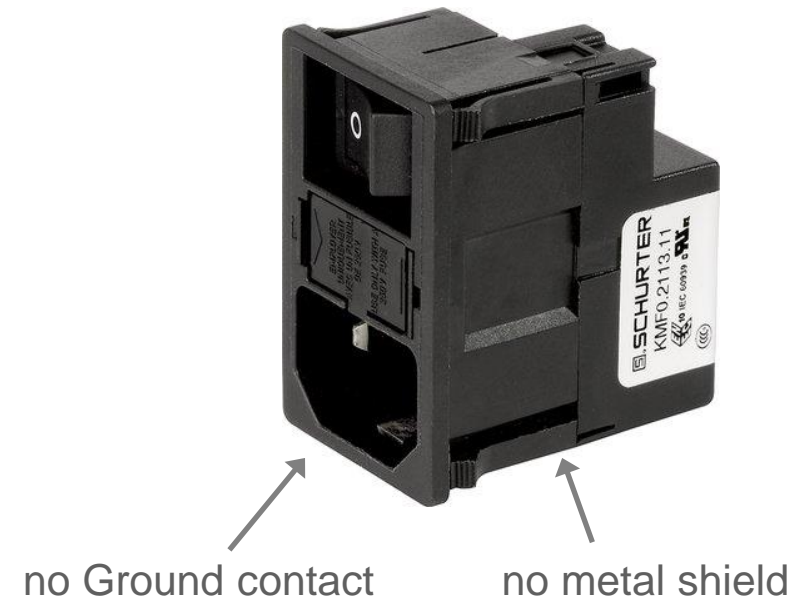


C18



Symbol
protection class II

- > Protection Class II requires double or reinforced insulation vs. Protection Class I
- > Reinforced insulation inside of the filter
- > 8 mm creepage and clearance distances between live parts and filter case
- > 4000 V withstand tested line to filter case
- > Filter medical M5



Strategic Positioning

- > Extension of SCHURTER's range of Class II products
- > Popular KMF filter product family is extended to include Protection Class II devices; First C18 PEM with switch, fuse holder and filter for growing Protection Class II market
- > IEC 60601-1-11 standard for at home medical equipment requires Protection Class II

Competitors

- > No equivalent product on the market.

Price Position

- > Prices are equal to KMF medical M5 versions

Applications

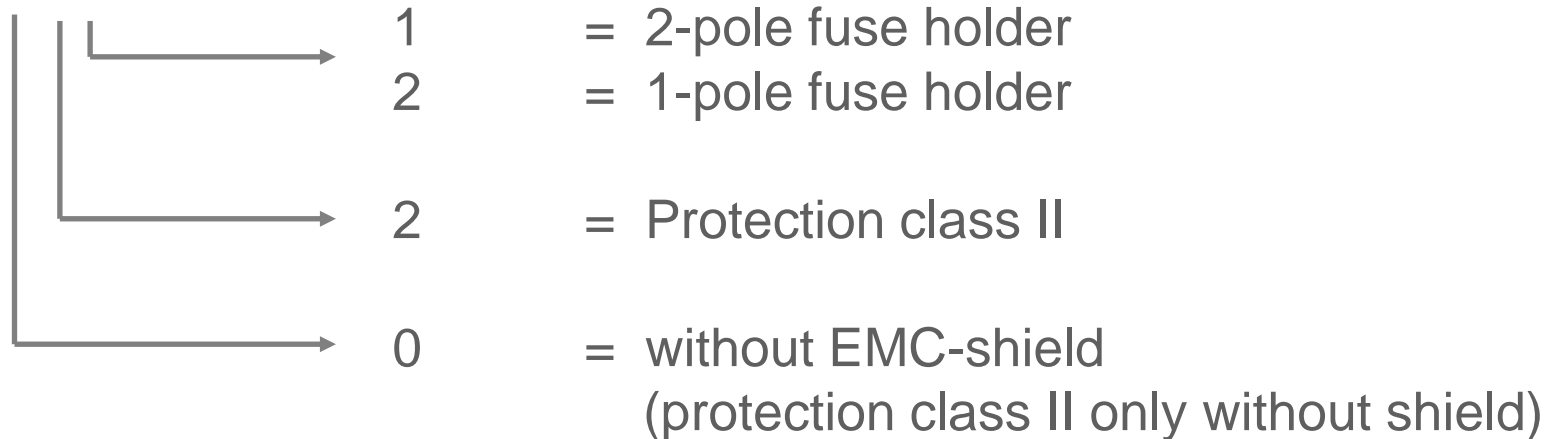
- > Any equipment with plastic housing for Protection Class II
- > Medical at home equipment
- > Medical equipment

USP (Customer Focus)

- > Most compact power entry module with integrated filter on the market
- > Easy and flexible snap-in mounting
- > Protection class II
- > Shock safe – power cord is disengaged upon fuse drawer removal. Important consideration for medical applications.

> Order Code:

KMF0.21xx.xx



> Part numbers on the data sheet

Rated current [A]	Filter version	Switch	Fuse holder	Part no.
1	Medical M5	2-pole	2-pole	KMF0.2113.11
2	Medical M5	2-pole	2-pole	KMF0.2123.11
4	Medical M5	2-pole	2-pole	KMF0.2143.11
6	Medical M5	2-pole	2-pole	KMF0.2163.11
10	Medical M5	2-pole	2-pole	KMF0.2193.11

Fuse drawers

Must be ordered seperately

- > 4301.1403, 2-pole extra safe
(recommended for medical applications)
- > 4301.1401, 2-pole Fingergrip



Cord sets for protection class II

- > 6052.0039, 2m with Europlug
- > 6052.0048, 2m with NEMA plug



Cover

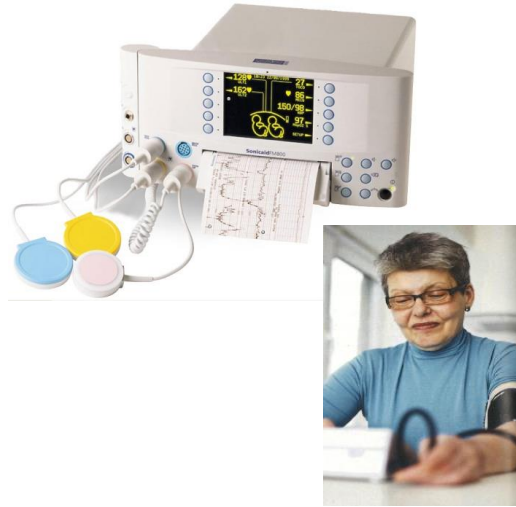
- > 0859.0076



Home Medical Equipment



Protective Respirator



Monitors



Oxygen Apparatus

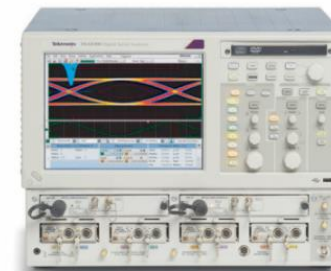


Home Dialysis Machine

Other Protection Class II Equipment



Audio equipment



Electronic Test Equipment

Protection Class II Products

SCHURTER's broad range of Protection Class II Products include:



2578 retaining kit

Product Family	Products
Power Entry Modules with CBE	6145
Power Entry Modules w/o Filter	CMF1, CMF4, CMF2, CMF5, 6202, DC11, DD21, 6765, 6762, GSF2, 1062, 1064, 4707,
Power Entry Modules with Filter	5008, KMF, 5707, 5120, 5123, DC12
Connectors (Inlets/Outlets)	0720, 1061, 2571, 2572, 2573, 2576, 2578, 6102, 6015, 6061, 4794, 5082, 5084, 5086, 5083, 5088, 6602, 0715, GSP2
Cord Sets with V-Lock	6051.2801, 6051.2803, 6051.2811, 6051.2813
Cord Sets	6052.0039, 6052.0048

Note: Red font indicates device image shown above

Additional Information

- > Website enables quick access to sales and marketing materials
- > Click on [Partner Services](#) to download:
 - > Latest press releases
 - > Training presentations
 - > Price lists
 - > High and low resolution product photos
- > Samples can be ordered from the standard product inventory
- > Microsite: <http://medical-technology.schurter.com/>

Technical Assistance

- > For general product questions, contact your Inside Sales Representative.