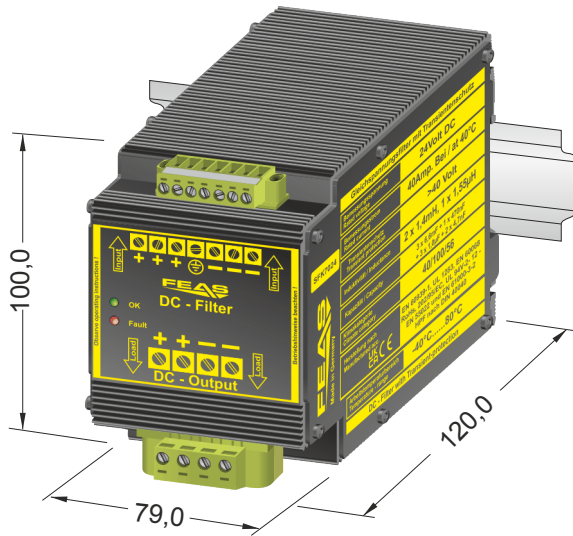


Radio interference suppression filters for 24VDC or 60VDC-lines 2-Lines 1-Stage Type SFK7024 / SFK7060



CE - konform

- Integrated transient protection
- extra compact enclosure design, only 79.0mm wide
- Robust aluminium housing for DIN-Rail mounting
- Operatingstatus shown by LED
- Suitable for the tropics - Epoxy resin casted
- Safety acc. to VDE, EN, UL, CSA

Technical Data

Electrical data

Rated voltage U_R	see table below
Frequency	see table below
Rated current I_R	see table below
Overload current	$1.5 \times I_R$ $t < 2$ min. $3 \times / h$
Inductance L_R	see table below
Capacity C_R	see table below
Derivation current	-
Discharge resistor	-

Operating data

Duty circle	100%
Operating temperature range	-40°C to +85°C
Derating	-
Storage temperature range	-50°C...+105°C
Cooling	self cooling
	recommended respective distance 15mm each

Safety devices

Fuse for input	-
Fuse for output	-
Overload protection	-
MTBF	>380.000 h

Safety data

Test voltage	-
Protection class	Class 2 (EN 62368 EN 60950)
Extra low safety potential	-
Ambient humidity	95% relative humidity, yearly average dewing allowed for use in tropical ambient
Protective class enclosure	IP 65
Protective class terminals	IP 20 (BGV A2)
Vibration proof	>30g at 33Hz in X,Y and Z, acc. to IEC 60068-2-27

Applied construction regulations

according to VDE	VDE 0100, 0110, 0113, 0551, 0160/W2, 0806
IEC	IEC 60939-1, IEC60939-2, IEC60068-2-3 IEC 60068-2-11-52, IEC 60529, IEC 380
EN	EN133200, EN60068-1 EN61000-6-1-2-3-4, EN50178 EN55011, EN50204, EN61558-2-17 EN60204, EN60529, EN61000-4-2-3-4-5-6-8-11 EN60068-1, EN60068-2-1-2-3-6-27-30 EN45501, EN50021
CSA / UL	CSA-C 22.2 / UL1283, UL94V1

Mechanics

Mounting	On rails acc. to DIN 46277
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Typ	SFK7024	SFK7060
Rated voltage	24VDC	60VDC
Frequency	0Hz	0Hz
Rated current	40Amp. at 40°C	30Amp. at 40°C
Inductance	2 x 1.4mH, 1x1.55µH toroidal core	2x1.4mH, 1x1.55µH toroidal core
Capacity	3 x 6.6mF elko 1 x 470nF film 3 x 1.0µF film 2 x 4.7nF ceramic	3 x 680µF elko 1 x 470nF film 3 x 1.0µF film 2 x 4.7nF ceramic
Dimensions	79x100x120	79x100x120
Weight	ca. 1.95kg	ca. 1.95kg
Order-No.	584948	584950

Insertion loss at 50 Ω

