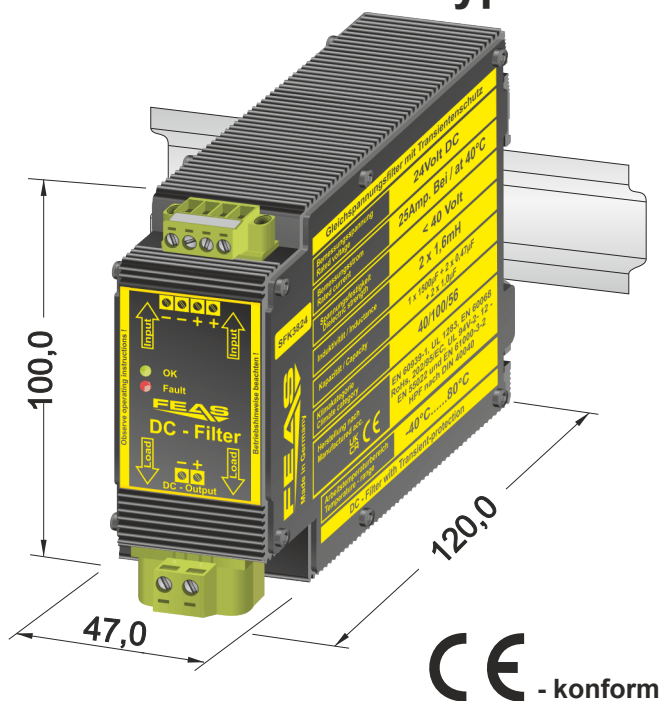


Radio interference suppression filters for 24VDC or 60VDC-lines 2-Lines 1-Stage Type SFK3824 / SFK3860



CE - konform

- ☐ Integrated transient protection
- ☐ extra slim enclosure design, only 47.0mm 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	SFK3824	SFK3860
Rated voltage	24VDC	60VDC
Frequency	0Hz	0Hz
Rated current	25Amp. at 40°C	10Amp. at 40°C
Inductance	2 x 1.6mH Toroidal Core	2 x 1.6mH Toroidal Core
Capacity	1 x 1500µF elko 2 x 0.47µF film 2 x 1.0µF film	1 x 150µF elko 2 x 47µF film 2 x 1.0µF film
Dimensions	47.0x100.0x120.0 B x H x T	47.0x100.0x120.0 B x H x T
Weight	ca. 1.10kg	ca. 1.10kg
Order-No.	51104	51106

Insertion loss at 50 Ω

