

File E234324

Project 03CA37545

2004-04-26

REPORT

on

COMPONENT - Industrial Control Panel Enclosures
Components - Filter Fan and Filter Kits

STEGO ELEKTROTECHNIK GMBH
KOLPINGSTRASSE 21

74523 SCHWAEBISCH HALL
GERMANY

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DESCRIPTION

PRODUCT COVERED:

* USR, CNR Component - Filter fan kits, FF 018/EF 118, followed by 00, 01, 02, 03, 04, 05 or 21; followed by 0 or 1; followed by 00, 01, 02, **03, 11.**

GENERAL:

The products are filter fan kits or filter kits (exhaust filters) for the use in Industrial Control Panel Enclosures. The Model FF 018 is the Filter Fan, the Model EF 118 is the Exit Filter.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

CNR - Indicates investigation to Canadian National Standard C22.2 No. 14-10.

USR - Indicates investigation to United States Standard UL 508 17th Edition (Industrial Control Equipment).

Note: CNR = Canadian National Standards - Recognized component
 USR = United States Standards - Recognized component

*RATINGS - ELECTRICAL / TEMPERATURE:

Series FF 018 and EF 118 are filter kits. Series EF 118 does not including any electrical device. Series FF 018 is used with a fan motor.

Max. ambient temperature without motor 70°C with motor see table below.

Model FF , EF	Voltage in V	Current in A	Power in W	Frequenc y in Hz	Capacitor in uF/450V	Max.ambient temp. °C	Designation Fan
01800.0-00	230 Vac	0.08	13	50/60	none	70	3610PS-23W-B30-A00
01800.0-01	120 Vac	0.16	9	50/60	none	70	3610PS-12W-B30-A00
01800.0-03	230 Vac	0.08	13	50/60	none	70	3610PS-23W-B30-A00
01800.1-00	230 Vac	0.08	13	50/60	none	70	3610PS-23W-B30-A00
01800.1-01	120 Vac	0.16	9	50/60	none	70	3610PS-12W-B30-A00
01801.0-00	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01801.0-01	120 Vac	0.18	14.5	50/60	none	60	4715MS-12W-B5A-D00
01801.0-02	24 Vdc	0.21	5	50/60	none	70	4715KL-05W-B20-P00
01801.1-00	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01801.1-01	120 Vac	0.18	14.5	50/60	none	60	4715MS-12W-B5A-D00
01802.0-00	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01802.0-01	120 Vac	0.18	14.5	50/60	none	60	4715MS-12W-B5A-D00
01802.0-02	24 Vdc	0.21	5	50/60	none	70	4715KL-05W-B20-P00
01802.0-03	48 Vdc	0.16	8	50/60	none	70	4715KL-07W-B30-P00
01802.1-00	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01802.1-01	120 Vac	0.18	14.5	50/60	none	60	4715MS-12W-B5A-D00
01802.1-02	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01803.0-00	230 Vac	0.10	15	50/60	none	60	4715MS-23T-B5A-A00
01803.0-01	120 Vac	0.18	14.5	50/60	none	60	4715MS-12T-B5A-A00
01803.0-02	120 Vac	0.18	14.5	50/60	none	60	4715MS-12T-B5A-A00
01803.0-03	24 Vdc	0.21	5	50/60	none	70	4715KL-05T-B20-P00
01803.0-11	230 VAC	0.10	15	50/60	none	60	4715MS-23T-B5A-A00
01803.1-00	230 Vac	0.10	15	50/60	none	60	4715MS-23T-B5A-A00
01803.1-01	120 Vac	0.18	14.5	50/60	none	60	4715MS-12T-B5A-A00
01804.0-00	230 Vac	0.32	45	50/60	none	50	A2S130-AA03-38
01804.0-01	120 Vac	0.47	38	50/60	none	70	A2S130-AA25-38
01804.0-02	230Vac	0.32	45	50/60	none	50	A2S130-AA03-38
01805.0-00	230 Vac	0.30	64	50/60	1.5	70	A2E200-AH38-12
01805.0-01	120 Vac	0.78	85	50/60	3	70	A2E200-AH86-76
01821.0-00	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01821.0-01	48 Vdc	0.16	8	50/60	none	70	4715KL-07W-B30-P00
01821.0-02	120 Vac	0.18	14.5	50/60	none	60	4715MS-12W-B5A-D00
01821.1-00	230 Vac	0.10	15	50/60	none	60	4715MS-23W-B5A-D00
01821.1-01	48 Vdc	0.16	8	50/60	none	70	4715KL-07W-B30-P00
01821.1-02	120 Vac	0.18	14.5	50/60	none	60	4715MS-12W-B5A-D00

NOMENCLATURE AND MECHANICAL DIMENSION:

FF018 or EF118	YY	.	Z	-	XX
I	II		III		IV

- I - FF 018 = filter fan kit (inlet)
 EF 118 = exit filter kit (outlet)

- II - technical variation

Original Model Designation FF 018 or EF 118	Outer Dimensions in mm x mm
YY	
00	92 x 92
01	120 x 120
02	120 x 120
03	120 x 120 4 Exemplar
04	Ø 136 x 58
05	Ø 197 x 62
21	120 x 120
*	
*	

- III - 0 = standard version
 1 = EMV version

- IV - **00..03, 011** = See Table on Page 2 for more details.
for 11 = **intake air direction**