

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20181030-E72928  
**Report Reference** E72928-19880601  
**Issue Date** 2018-OCTOBER-30

**Issued to:** SCHURTER AG  
Werkhofstrasse 8-12  
P.O.Box  
CH-6002 Lucerne SWITZERLAND


**This is to certify that representative samples of** COMPONENT - ELECTROMAGNETIC INTERFERENCE FILTERS  
See Addendum page

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

**Standard(s) for Safety:** UL 1283 - Standard for Electromagnetic Interference Filters  
CAN/CSA C22.2 No. 8-13 - Canadian Standard for Electromagnetic Interference Filters

**Additional Information:** See the UL Online Certifications Directory at [www.ul.com/database](http://www.ul.com/database) for additional information

Only those products bearing the UL Certification Mark should be considered as being covered by UL's Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark: , may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for use as components of complete equipment submitted for investigation rather than for direct separate installation in the field. The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

**Models/Product**

Component - Appliance Filters, Cat. Nos. 5110 and 5145. Refer to nomenclature breakdown for type designation.


**NOMENCLATURE- Series 5110**

*Type Code and Description for 5110 Series Filters*

Example:

P/N	5110	-	1	1	1	1	-	1	1	1	-	00
No.	I		II	III	IV	V		VI	VII	VIII		IX

No.	P/N Character Position	Mark	Description
I	1-4	5110	Model Number Type Designation: 5110
II	5	-1	Mounting: 1 = Screw Mounting 2 = Snap-in 0.8 – 3 mm
III	6	1	X-Capacitor: 1 = X2, 100 nF, 2 = X2, 47 nF
IV	7	1	Y-Capacitor: 0 = without Y-Capacitor 1 = Y2, 2.2 nF 2 = Y2, 0.47 nF
V	8	1	Bleeder Resistor: 0 = Without Resistor 1 = 1.0 MΩ
VI	9	-1	Terminals L & N: 1 = Quick Connect 6.3 x 0.8 mm



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VII	10	1	Terminals PE: 1 = Quick Connect 6.3 x 0.8 mm
VIII	11	7	Current Rating, in Ampere: 1 = 1 A, 2 = 2 A, 3 = 3A, 4 = 4 A, 5 = 6 A, 6 = 8 A, 7 = 10 A, 8 = 15 A
IX	12-13	-00	Customer Specific (Optional)

**NOMENCLATURE – Series 5145**

*Type Code and Description for 5145 Series Filters*

Example:

P/N	5145	-	0000000000-000	-	8	1	1	-	1	1	-	00
No.	I		II		III	IV	V		VI	VII		VII

No.	P/N Character Position	Mark	Description
I	1-4	5545	Model Number Type Designation: 5145
II	5-17	-0000000000-000	Circuit Breaker Designation: "0000000000-000" = Without CBE When CBE is provided, See Configuration Code Circuit Breaker Type TA45
III	18	-8	Current Rating, in Ampere: 1 = 1 A, 2 = 2 A, 3 = 3A, 4 = 4 A, 5 = 6 A, 6 = 8 A, 7 = 10 A, 8 = 15 A
IV	19	1	Type of Mains filter, Capacitor, and Bleeder Resistor: 1 = standard / X2, Y2 / without resistor 2 = standard / X2, Y2 / with resistor 3 = medical M5 / X2 / with resistor 4 = standard / X2 / without resistor 5 = medical M80 / X2, Y2 / with resistor 6 = medical / without caps / without resistor



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V	20	1	Metal shield: 0 = With metal shield (PC I Only) 1 = Without Metal Shield
VI	7	-1	Terminals L & N: 1 = Quick Connect 6.3 x 0.8 mm
VII	8	1	Terminals PE: 1 = Quick Connect 6.3 x 0.8 mm
VIII	9	-00	Customer Specific (Optional)



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