Certificate Number UL-CA-2245540-0
Report Reference E529056-20221219

Date 19-Dec-2022

Issued to: ENGINYERIA I FABRICACIO D'INDUCTIUS TER S L

C/TAGA 7

**VINYOLES MASIES DE VOLTREGA 08509** 

Spain

This is to certify that representative samples of

FOKR8 - Electromagnetic Interference Appliance Filters

Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete

in certain constructional features or restricted in

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: CSA C22.2 No. 8, 5th Ed., Issue Date: 2013-11

Additional Information: See the UL Online Certifications Directory at

https://ig.ulprospector.com for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Deborah Jennings-Conner, VP Regulatory Services

L LLC

(UL)

Certificate Number UL-CA-2245540-0
Report Reference E529056-20221219

Date 19-Dec-2022

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

Model	Category Description
HR 190X 000, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 001, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 002, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 003, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 004, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 005, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 006, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 007, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters

Octoah Jenning - Corne

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Certificate Number UL-CA-2245540-0

Report Reference E529056-20221219

**Date** 19-Dec-2022

HR 190X 008, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 009, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 010, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 011, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters UL UL UL
HR 190X 012, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters

Debrah Jennings-Corne

(U)

Certificate Number UL-US-2247797-0
Report Reference E529056-20221219

Date 19-Dec-2022

Issued to: ENGINYERIA I FABRICACIO D'INDUCTIUS TER S L

C/TAGA 7

**VINYOLES MASIES DE VOLTREGA 08509** 

Spain

This is to certify that FOKR2 - Electromagnetic Interference Appliance Filters -

representative samples of Component

See Addendum Page for Product Designation(s).

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete

in certain constructional features or restricted in

performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC.

Standard(s) for Safety: UL 60939-3, 1st Ed., Issue Date: 2016-07-22, Revision

Date: 2017-11-15

Additional Information: See the UL Online Certifications Directory at

https://ig.ulprospector.com for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.

Deborah Jennings-Conner, VP Regulatory Services

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Certificate Number UL-US-2247797-0

Report Reference E529056-20221219

Date 19-Dec-2022

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

Model	Category Description
HR 190X 000, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 001, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
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HR 190X 006, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters
HR 190X 007, X = Housing Design: 0 = horizontal layout 1 = vertical layout, pin locations 2,3,6,7 2 = vertical layout, pin locations 1,4,5,8	Filters

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**Date** 19-Dec-2022

HR 190X 008, X = Housing Design:	Filters
0 = horizontal layout	Ur X Ur X Ur X Ur X U
1 = vertical layout, pin locations 2,3,6,7	
2 = vertical layout, pin locations 1,4,5,8	$\times$ $\times$ $\times$ $\times$
HR 190X 009, X = Housing Design:	Filters
0 = horizontal layout	シーシーシー
1 = vertical layout, pin locations 2,3,6,7	$\times$ $\times$ $\times$ $\times$
2 = vertical layout, pin locations 1,4,5,8	II. VIII. VIII. VIII. VI
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HR 190X 010, X = Housing Design: 0 = horizontal layout	Filters
1 = vertical layout, pin locations 2,3,6,7 2 = vertical	T IIIOIO
layout, pin locations 1,4,5,8	II. VIII. VIII. VIII. VI
	Cite
HR 190X 011, X = Housing Design:	Filters
0 = horizontal layout	
1 = vertical layout, pin locations 2,3,6,7	Ur X Ur X Ur X Ur X I
2 = vertical layout, pin locations 1,4,5,8	
HR 190X 012, X = Housing Design:	Filters
0 = horizontal layout	Ur X Ur X Ur X Ur X I
1 = vertical layout, pin locations 2,3,6,7	
2 = vertical layout, pin locations 1,4,5,8	$\times$ $\times$ $\times$ $\times$ $\times$
Z – Vertical layout, pill locations 1,4,5,6	

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