Certificate of Compliance

Certificate Number(s):

UL-US-26128405-0

Report Reference:

E541707-20260806

Issue Date:

2026-08-06

Issued to:

Brandenburgische Kondensatoren Technologie GmbH
Franz-Wienholz-Strasse 40, Prenzlau, 17291, DE

This certificate confirms that representative samples of:

FOKR2 - Electromagnetic Interference Appliance Filters - 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.

UL 60939-3, Edition 1, Issue Date 2016-07-22, Revision Date 2022-07-25

Additional Information:
See UL Product iQ® at https://iq.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.

David Piecuch
UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

© 2026 UL LLC. All rights reserved.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-US-26128405-0
Report reference: E541707-20260806
Issue Date: 2026-08-06

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

Filters

Model(s): FA1, FA1-2-01-xyz-D03-PC, FA1-2-01-xyz-abc-XY, FA1-2-03-xyz-D03-PC, FA1-2-03-xyz-abc-XY, FA1-2-06-xyz-D03-PC, FA1-2-06-xyz-abc-XY, FA1-2-10-xyz-D03-PC, FA1-2-10-xyz-abc-XY, FA1-2-16-xyz-D03-PC, FA1-2-16-xyz-abc-XY, FA1-2-25-xyz-abc-XY, FA1-2-36-xyz-abc-XY *No.P/N*

Character Position | *Mark* | *Description*

1 | 1-3 | FA1 | FA1 - Single Phase, one stage EMI filter
FB1 - Single Phase, two stage EMI filter
2 | 4 | 2 | Voltage Rating 275 Vac.

3 | 5-6 | 01 | Current Rating:
01 = 1 A
03 = 3 A
06 = 6 A
10 = 10 A
16 = 16 A
25 = 25 A
36 = 36 A
4 | 7-9 | 49F | 3 digits represent the components combination and values: LCR code, for details see Illustration 16.
For 49F: X1=0.047µF, X2=0.047µF, Xy=2.2µF, L1=1mH, R=1200Ω
5 | 10-12 | W10 | Electrical connections:
W05 – wire 0.5mm2
W07 - wire 0.75mm2
W10 – wire 1.0mm2
W15 – wire 1.5mm2
W25 – wire 2.5Mm2
W40 – wire 4.0mm2
G28 – wire 0.5mm2 with spade contact 2.8x0.8 mm
G48 – wire 1.0mm2 with spade contact 4.8x0.8 mm
G68 – wire 1.5mm2 with spade contact 6.8x0.8 mm
R05 – RAST 5 plug contact
D03 - Panel feed-through terminal block 2.5mm2
D06 – Panel feed-through terminal block 6mm2
D10 - Panel feed-through terminal block 10mm2
6 | 13-14 | ZM | ZM – Cylindrical metal housing
PM - Prismatic metal housing
PK – Prismatic plastic housing
ZK – cylindrical plastic housing
PC – Plastic housing for filters with PWB

Model(s): FB1, FB1-2-01-xyz-abc-XY, FB1-2-03-xyz-abc-XY, FB1-2-06-xyz-abc-XY, FB1-2-10-xyz-abc-XY, FB1-2-16-xyz-abc-XY, FB1-2-25-xyz-abc-XY, FB1-2-36-xyz-abc-XY *No.P/N*

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

© 2026 UL LLC. All rights reserved.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-US-26128405-0
Report reference: E541707-20260806
Issue Date: 2026-08-06

Character
Position Mark Description
1 1-3 FA1 FA1 - Single Phase, one stage EMI filter
FB1 - Single Phase, two stage EMI filter
2 4 2 Voltage Rating 275 Vac.

3 5-6 01 Current Rating:
01 = 1 A
03 = 3 A
06 = 6 A
10 = 10 A
16 = 16 A
25 = 25 A
36 = 36 A
4 7-9 49F 3 digits represent the components combination and values: LCR code, for details see Illustration 16.
For 49F: X1=0.047µF, X2=0.047µF, Xy=2.2µF,
L1=1mH, R=1200Ω
5 10-12 W10 Electrical connections:
W05 – wire 0.5mm2
W07 - wire 0.75mm2
W10 – wire 1.0mm2
W15 – wire 1.5mm2
W25 – wire 2.5Mm2
W40 – wire 4.0mm2
G28 – wire 0.5mm2 with spade contact 2.8x0.8 mm
G48 – wire 1.0mm2 with spade contact 4.8x0.8 mm
G68 – wire 1.5mm2 with spade contact 6.8x0.8 mm
R05 – RAST 5 plug contact
D03 - Panel feed-through terminal block 2.5mm2
D06 – Panel feed-through terminal block 6mm2
D10 - Panel feed-through terminal block 10mm2
6 13-14 ZM ZM – Cylindrical metal housing
PM - Prismatic metal housing
PK – Prismatic plastic housing
ZK – cylindrical plastic housing
PC – Plastic housing for filters with PWB

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

© 2026 UL LLC. All rights reserved.

Certificate of Compliance

Certificate Number(s):

UL-CA-2694472-0

Report Reference:

E541707-20260806

Issue Date:

2026-08-06

Issued to:

Brandenburgische Kondensatoren Technologie GmbH
Franz-Wienholz-Strasse 40, Prenzlau, 17291, DE

This certificate confirms 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.

CSA C22.2 NO. 8-13, 5th Ed., Issue Date: 2013-11-01

Additional Information:
See UL Product iQ® at https://iq.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.

David Piecuch
UL Mark Certification Program Manager

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

© 2026 UL LLC. All rights reserved.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-CA-2694472-0
Report reference: E541707-20260806
Issue Date: 2026-08-06

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

Filters

Model(s): FA1, FA1-2-01-xyz-D03-PC, FA1-2-01-xyz-abc-XY, FA1-2-03-xyz-D03-PC, FA1-2-03-xyz-abc-XY, FA1-2-06-xyz-D03-PC, FA1-2-06-xyz-abc-XY, FA1-2-10-xyz-D03-PC, FA1-2-10-xyz-abc-XY, FA1-2-16-xyz-D03-PC, FA1-2-16-xyz-abc-XY, FA1-2-25-xyz-abc-XY, FA1-2-36-xyz-abc-XY *No.P/N*
Character
Position Mark Description
1 1-3 FA1 FA1 - Single Phase, one stage EMI filter
FB1 - Single Phase, two stage EMI filter
2 4 2 Voltage Rating 275 Vac.

3 5-6 01 Current Rating:
01 = 1 A
03 = 3 A
06 = 6 A
10 = 10 A
16 = 16 A
25 = 25 A
36 = 36 A
4 7-9 49F 3 digits represent the components combination and values: LCR code, for details see Illustration 16.
For 49F: X1=0.047µF, X2=0.047µF, Xy=2.2µF, L1=1mH, R=1200Ω
5 10-12 W10 Electrical connections:
W05 – wire 0.5mm2
W07 - wire 0.75mm2
W10 – wire 1.0mm2
W15 – wire 1.5mm2
W25 – wire 2.5Mm2
W40 – wire 4.0mm2
G28 – wire 0.5mm2 with spade contact 2.8x0.8 mm
G48 – wire 1.0mm2 with spade contact 4.8x0.8 mm
G68 – wire 1.5mm2 with spade contact 6.8x0.8 mm
R05 – RAST 5 plug contact
D03 - Panel feed-through terminal block 2.5mm2
D06 – Panel feed-through terminal block 6mm2
D10 - Panel feed-through terminal block 10mm2
6 13-14 ZM ZM – Cylindrical metal housing
PM - Prismatic metal housing
PK – Prismatic plastic housing
ZK – cylindrical plastic housing
PC – Plastic housing for filters with PWB

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

© 2026 UL LLC. All rights reserved.

CERTIFICATE OF COMPLIANCE

Certificate number(s): UL-CA-2694472-0
Report reference: E541707-20260806
Issue Date: 2026-08-06

Model(s): FB1, FB1-2-01-xyz-abc-XY, FB1-2-03-xyz-abc-XY, FB1-2-06-xyz-abc-XY, FB1-2-10-xyz-abc-XY, FB1-2-16-xyz-abc-XY, FB1-2-25-xyz-abc-XY, FB1-2-36-xyz-abc-XY *No.P/N*

Character

Position	*Mark*	*Description*	
1	*1-3*	*FA1*	*FA1 - Single Phase, one stage EMI filter*
			FB1 - Single Phase, two stage EMI filter
2	*4*	*2*	*Voltage Rating 275 Vac.*
3	*5-6*	*01*	*Current Rating:*
			01 = 1 A
			03 = 3 A
			06 = 6 A
			10 = 10 A
			16 = 16 A
			25 = 25 A
			36 = 36 A
4	*7-9*	*49F*	*3 digits represent the components combination and values: LCR code, for details see Illustration 16.*
			For 49F: X1=0.047µF, X2=0.047µF, Xy=2.2µF,
			L1=1mH, R=1200Ω
5	*10-12*	*W10*	*Electrical connections:*
			W05 – wire 0.5mm2
			W07 - wire 0.75mm2
			W10 – wire 1.0mm2
			W15 – wire 1.5mm2
			W25 – wire 2.5Mm2
			W40 – wire 4.0mm2
			G28 – wire 0.5mm2 with spade contact 2.8x0.8 mm
			G48 – wire 1.0mm2 with spade contact 4.8x0.8 mm
			G68 – wire 1.5mm2 with spade contact 6.8x0.8 mm
			R05 – RAST 5 plug contact
			D03 - Panel feed-through terminal block 2.5mm2
			D06 – Panel feed-through terminal block 6mm2
			D10 - Panel feed-through terminal block 10mm2
6	*13-14*	*ZM*	*ZM – Cylindrical metal housing*
			PM - Prismatic metal housing
			PK – Prismatic plastic housing
			ZK – cylindrical plastic housing
			PC – Plastic housing for filters with PWB

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at https://www.ul.com/contact-us.

© 2026 UL LLC. All rights reserved.