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ENEC-05789

Issue date
2026-10-09

This is to acknowledge that

Brandenburgische Kondensatoren Technologie GmbH

Franz-Wienholz-Strasse 40 Prenzlau 17291 Germany

has had

EMI Filter

FA1-2-01-xyz-abc-XY, FA1-2-03-xyz-abc-XY, FA1-2-06-xyz-abc-XY, FA1-2-10-xyz-abc-XY, FA1-2-16-xyz-abc-XY

See page 2 for additional Information

evaluated and meets the requirements of the standard

EN IEC 60939-3:2024

Test Report Nos. E541707-4791340237-1 Original issued on 2026-10-09

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TECHNICAL DETAILS

Production site(s)

Brandenburgische Kondensatoren Technologie GmbH
Franz-Wienholz-Strasse 40 Prenzlau 17291
Germany

Trademark



Ratings

FA1-2-01-xyz-abc-XY – 275Vac, 1A, 50/60Hz, 25/85/21, 40°C,
FA1-2-03-xyz-abc-XY – 275Vac, 3A, 50/60Hz, 25/85/21, 40°C,
FA1-2-06-xyz-abc-XY – 275Vac, 6A, 50/60Hz, 25/85/21, 40°C,
FA1-2-10-xyz-abc-XY – 275Vac, 10A, 50/60Hz, 25/85/21, 40°C,
FA1-2-16-xyz-abc-XY – 275Vac, 16A, 50/60Hz, 25/85/21, 40°C,
FA1-2-25-xyz-abc-XY – 275Vac, 25A, 50/60Hz, 25/85/21, 40°C,
FA1-2-36-xyz-abc-XY – 275Vac, 36A, 50/60Hz, 25/85/21, 40°C,
FB1-2-01-xyz-abc-XY – 275Vac, 1A, 50/60Hz, 25/85/21, 40°C,
FB1-2-03-xyz-abc-XY – 275Vac, 3A, 50/60Hz, 25/85/21, 40°C,
FB1-2-06-xyz-abc-XY – 275Vac, 6A, 50/60Hz, 25/85/21, 40°C,
FB1-2-10-xyz-abc-XY – 275Vac, 10A, 50/60Hz, 25/85/21, 40°C,
FB1-2-16-xyz-abc-XY – 275Vac, 16A, 50/60Hz, 25/85/21, 40°C,
FB1-2-25-xyz-abc-XY – 275Vac, 25A, 50/60Hz, 25/85/21, 40°C,
FB1-2-36-xyz-abc-XY – 275Vac, 36A, 50/60Hz, 25/85/21, 40°C,
FA1-2-01-xyz-D03-PC – 275Vac, 1A, 50/60Hz, 25/85/21, 40°C,
FA1-2-03-xyz-D03-PC – 275Vac, 3A, 50/60Hz, 25/85/21, 40°C,
FA1-2-06-xyz-D03-PC – 275Vac, 6A, 50/60Hz, 25/85/21, 40°C,
FA1-2-10-xyz-D03-PC – 275Vac, 10A, 50/60Hz, 25/85/21, 40°C,
FA1-2-16-xyz-D03-PC – 275Vac, 16A, 50/60Hz, 25/85/21, 40°C

Additional Information

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Models (continued from page 1)

FA1-2-01-xyz-abc-XY, FA1-2-03-xyz-abc-XY, FA1-2-06-xyz-abc-XY, FA1-2-10-xyz-abc-XY, FA1-2-16-xyz-abc-XY, FA1-2-25-xyz-abc-XY, FA1-2-36-xyz-abc-XY, 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, FA1-2-01-xyz-D03-PC, FA1-2-03-xyz-D03-PC, FA1-2-06-xyz-D03-PC, FA1-2-10-xyz-D03-PC, FA1-2-16-xyz-D03-PC,

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

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4	7-9	49F	3 digits represent the components combination and values: LCR code, for details see Enclosure “LCR Values”. 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

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FORM OF THE ENEC MARK



15 is the identification number of the Certification Body

Size of the mark:
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