

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product	Audio/Video, Information and Communication technology equipment AC to DC Converter
Name and address of the applicant	Vicor Corporation 25 Frontage Road Andover MA 01810 USA
Name and address of the manufacturer	Vicor Corporation 25 Frontage Road, Andover MA 01810, USA
Name and address of the factory	Vicor Inc. 400 Federal Street, Andover MA 01810, USA
Ratings and principal characteristics	Model: PFM4914VB6M48D0T00 Rated Input Voltage: 85 – 264 V AC (rectified) Rated Output Voltage: 48 V DC Rated Output Power: 400 W Max Protection Class: I
Trade mark (if any)	VICOR
Customer's Testing Facility (CTF) Stage used	CTF STAGE 3
Model/type Ref.	VIA PFM series Model: PFM4914VB6M48D0T00
Additional information (if necessary)	Certificate DE 3 – 503111 issued 2018-10-12 is replaced by this version due to technical changes
A sample of the product was tested and found to be in conformity with as shown in the Test Report Ref. No. which forms part of this certificate	IEC 62368-1:2018 72164963-000

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This CB Test Certificate is issued by the National Certification Body

CB 021433 0622 Rev. 00

Date, 2021-04-06



(William J. Stinson)

TÜV SÜD Product Service GmbH • Certification Body • Ridlerstraße 65 • 80339 Munich • Germany



Product Service

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VIA PFM series
 Model matrix: PFMaabbcddeewwxyzz
 Example: PFM4914VB6M48D0T00

PFM = Constant

Product Function	
PFM	Power Factor Module

aa = 49

Package Length Designator	
44	4.4 inches
49	4.9 inches

bb = 14

Package Width Designator	
14	1.4 inches

c = V

Package Type	
V	Chassis mount
B	Board mount

dd = B6

Input Voltage Range	
B6	85-264 Vac

e = M

Range Ratio (Vin high / Vin low)	
M	3.1

ww = 48

Output Voltage	
24	24 Vdc
48	48 Vdc

xx = D0

Output Power, 400W max	
B0	200W
D0	400W



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y = T

Product Grade	
C	-20 to 100°C
T	-40 to 100°C
M	-55 to 100°C

zz = 00

Options (non-safety related) Any alphanumeric	
Pre-defined Chassis Mount models	
00	Always On
01	Analog
02	PMBus
A0	Always On Range Lock
B0	Always On 3kV Isolation Range Lock
Pre-defined PCB Mount models	
04	Short Pin / Always On
05	Short Pin / Analog
06	Short Pin / PMBus
08	Long Pin / Always On
09	Long Pin / Analog
10	Long Pin / PMBus
A4	Short Pin / Always On Range Lock
A8	Long Pin / Always On Range Lock
B4	Short Pin / Always On Range Lock 3kV Isolation Range Lock
B8	Long Pin / Always On Range Lock 3kV Isolation Range Lock

Customer Special Model Number	Equivalent Standard Model Number
PFA175B240C400A33	PFM4914VB6M24D0C00
PFA175B240T400A33	PFM4914VB6M24D0T00
PFA175B480C400A33	PFM4914VB6M48D0C00
PFA175B480T400A33	PFM4914VB6M48D0T00
PFA175C240C400A33	PFM4914BB6M24D0C04
PFA175C240T400A33	PFM4914BB6M24D0T04
PFA175C480C400A33	PFM4914BB6M48D0C04
PFA175C480T400A33	PFM4914BB6M48D0T04
PFA175G240C400A33	PFM4914BB6M24D0C08
PFA175G240T400A33	PFM4914BB6M24D0T08
PFA175G480C400A33	PFM4914BB6M48D0C08
PFA175G480T400A33	PFM4914BB6M48D0T08



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