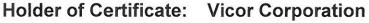
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JCB_F_12.02 2012-02

CERTIFICATE

No. U8V 13 02 21433 346



25 Frontage Road Andover, MA 01810

USA

Production Facility(ies):

67768

Certification Mark:



Product: Power supply

AC-DC Power Supply

Model(s): PFM175D480T330A00

PF175B480T033FP-00

(See attachment for model nomenclature

and license conditions.)

Parameters: Rated Input Voltage: 85-264 Vrms

Rated Input Frequency: 47-63 Hz Rated Output Voltage: 48 V DC Rated Output Power: 330 W Protection Class: 11 Degree of Protection: IPX0

Tested CAN/CSA-C22.2 No. 60950-1/A1:2011

according to: UL 60950-1/R:2011-12

EN 60950-1/A12:2011

The product was voluntarily tested according to the relevant safety requirements noted above. It can be marked with the certification mark above. The mark must not be altered in anyway. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC Guide 67. Certification is based on the TÜV SÜD "Testing and Certification Regulations". TÜV SÜD America Inc. is an OSHA recognized NRTL and a Standards Council of Canada accredited certification body.

Test report no.:

090-1009618-10**4** le 1

Date, 2013-02-13



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America



UCB_F_12.02 2012-02

Attachment to Certificate U8V 13 02 21433 346



Vicor Corporation 25 Frontage Road, Andover, MA. 01810, USA

VI Chip PFM Model Number: PFMbbbWcccsxxxyzz

Example: PFM175D480T330A00

PFM = Constant	Power Factor Module

bbb = Input Voltag	e (range) Vac Rectified	
175 (85-264)	Universal	
115 (85-132)	Low Range	
230 (170-265)	High Range	

W = Lead Style		
В	Bond wire pad	
D	J-lead	
E	Through-hole	0

ccc = Output Voltage		
480	48 Vdc	

s =	Product Grade	Temp Range	
С	Commercial	-20 - 100 C	
Т	Telecom	-40 - 100 C	
M	Military	-55 - 100 C	

	tput Power Desi usive list of exan		digits below 330,
200	200 W	300	300 W
250	250 W	330	330 W

Revis	ion (non-safety related)	
У	Any alphanumeric character	

Custo	omer Reference (non-safety related)	
ZZ	Any alphanumeric character	

Test Report No: 090-1009618-100

Date, 2013-02-13

U8V 13 02 21433 346



UCB_F_12.02 2012-02

Attachment to Certificate U8V 13 02 21433 346



Vicor Corporation 25 Frontage Road, Andover, MA. 01810, USA

VI Brick PFM Model Number: PFbbbBcccsxxxyy-zz

Example: PF175B480C033FP-00

DF C	VI Brick PFM (Power Factor Module)	
PF = Constant	I VI Brick Privi (Power Factor Module)	
	Transfer (Contractor Michael)	

bbb = Input Voltag	e (range) Vac Rectified	
175 (85-264)	Universal	
115 (85-132)	Low Range	
230 (170-265)	High Range	

B = Constant	Package Size (Double)
D Conocant	1 actage size (boasie)

ccc = Out	put Voltage	
480	48 Vdc	

s =	Product Grade	Temp Range	
С	Commercial	-20 - 100 C	
T	Telecom	-40 - 100 C	
M	Military	-55 - 100 C	

	out Power Designa sive list of example		s below 033,
020	200 W	030	300 W
025	250 W	033	330 W

yy = Package Style, defines Baseplate and Pin	
Any alphanumeric character (non-safety related)	

zz = Customer Special Designator	
Any alphanumeric character (non-safety related)	

Test Report No: 090-1009618-100

Date, 2013-02-13

U8V 13 02 21433 346





Attachment to Certificate U8V 13 02 21433 346



Vicor Corporation 25 Frontage Road, Andover, MA. 01810, USA

License Conditions:

Special Considerations – The following items are considerations that were used when evaluating these products. The PFM family of AC-DC converters are designed for building-in.

- 1. An external bridge rectifier is required in front of the PFM.
- 2. The PFM provides 3000 Vrms / 4242 Vdc of isolation from input to output.
- 3. The Output of the PFM is considered SELV.
- 4. The maximum temperature of VI Chip PFM case or the VI Brick PFM baseplate is 100°C.
- 5. Supplemental Insulation is provided from In to case / baseplate and Out to case / baseplate. The case / baseplate may be grounded in the end application.
- 6. The PFM was evaluated with an external fast acting fuse rated 6.3A. Littlefuse 216P series, Bussmann S501 series, and Schurter SA series.

Test Report No: 090-1009618-100

Date, 2013-02-13

U8V 13 02 21433 346



