



Ref. Certif. No.

DE 3 - 502054

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

SYSTEME CEI D'ACCEPTATION MUTUELLE DE CERTIFICATS D'ESSAIS DES EQUIPEMENTS ELECTRIQUES (IECEE) METHODE OC

### CB TEST CERTIFICATE CERTIFICAT D'ESSAI OC

Product  
Produit

Name and address of the applicant  
Nom et adresse du demandeur

Name and address of the manufacturer  
Nom et adresse du fabricant

Name and address of the factory  
Nom et adresse de l'usine

Ratings and principal characteristics  
Valeurs nominales et caractéristiques principales

Trade mark (if any)  
Marque de fabrique (si elle existe)

Type of Manufacturer's Testing Laboratories used  
Type de programme du laboratoire d'essais constructeur

Model/type Ref.  
Ref. de type

Additional information (if necessary)  
Information complémentaire (si nécessaire)

A sample of the product was tested and found to be in conformity with  
Un échantillon de ce produit a été essayé et a été considéré conforme à la

as shown in the Test Report Ref. No.  
which forms part of this certificate  
comme indiqué dans le Rapport d'essais numéro de référence qui constitue une partie de ce certificat

DC converter  
DC to DC Switching Power Supplies

Vicor Corporation  
25 Frontage Road  
Andover MA 01810, USA

Vicor Corporation  
25 Frontage Road, Andover MA 01810, USA

Vicor Inc.  
400 Federal Street, Andover MA 01810, USA

Rated Input Voltage: 375 V DC max  
Rated Output Voltage: 54 V DC max  
Rated Power: 600 W max  
Protection Class: II  
Degree of Protection: IPX0

Vicor

CTF Stage 3

Viiiisxyzzzw  
2nd Gen Fas Trak  
Maxi, Mini and Micro Families  
(see certificate attachment for model nomenclature ratings and license conditions.)

Certificate DE 3 – 500049 issued 2013-01-10 is replaced by this version due to technical changes

IEC 60950-1(ed.2);am1;am2

72120061-000

This CB Test Certificate is issued by the National Certification Body  
Ce Certificat d'essai OC est établi par l'Organisme **National de Certification**

Date, 2016-09-06  
CB 16 09 21433 488

William Stinson



TÜV SÜD Product Service GmbH · Certification Body · Ridlerstrasse 65 · D-80339 München

Product Service

Attachment to Certificate CB 16 09 21433 488

Viiisxyzzzw V24 series  
2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families

Sample model number: V24A12C400B

V = Standard, S = Synchronous

iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)													
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54	
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)													
24 Vdc (18-36)	A = Maxi	---	300	500	500	500	500	500	500	500	500	500	500	500	500
24 Vdc (18-36)	B = Mini	---	150	200	200	200	250	250	250	250	250	250	250	250	250
24 Vdc (18-36)	C = Micro	---	100	125	125	150	150	150	150	150	150	150	150	150	150

y = Product Grade

E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz  
(alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)

B = constant, defines Fastrak	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Note: Viiisxyzzzw may be replaced by VI-bxxxxxw per customer special request

Customer Specials = VI-bxxxxxw

VI = Constant VE = RoHS version

b = Size 7 = Micro, 8 = Mini, 9 = Maxi

xxxxx = 0 - 9 Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module. (Voltage, Current, Power, Fusing.)

w = Functionality: Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 150W

VE-8xxxxxw, Mini module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 250W

VE-9xxxxxw, Maxi module with Vin = 24 Vdc (18-36), Vout = 54V Max, and Max Pout = 500W

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Viiisxyzzw V28 series

2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families

Sample model number: V28A12C200B

V = Standard, S = Synchronous															
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)													
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54	
		zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)													
28 Vdc (9-36)	A = Maxi	---	150	200	200	200	200	200	200	200	200	200	200	200	
28 Vdc (9-36)	B = Mini	---	50	75	75	75	150	150	150	150	150	150	150	150	
28 Vdc (9-36)	C = Micro	---	50	50	60	75	100	100	100	100	100	100	100	100	
y = Product Grade															
E = Economy -10C to 100C							C = Commercial -20C to 100C								
M = Military -55C to 100C							T or H = Industrial -40C to 100C								
w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)															
B = constant, defines Fastrak	x = Pin Style				y = Baseplate				z = T						
	Blank = Short Solder				Blank = Slotted				T = Thermscreen						
	L = Long Solder				2 = Threaded										
	S = Short Modumate				3 = Thru hole										
	N = Long Modumate														
	F = Short RoHS														
	G = Long RoHS														
K = Extra Long RoHS															

Note: Viiisxyzzw may be replaced by VI-bxxxxxw per customer special request  
Customer Specials = VI-bxxxxxw

VI = Constant VE = RoHS version

b = Size 7 = Micro, 8 = Mini, 9 = Maxi

xxxxx = 0 - 9 Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)

w = Functionality: Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 100W

VE-8xxxxxw, Mini module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 150W

VE-9xxxxxw, Maxi module with Vin = 28 Vdc (9-36), Vout = 54V Max, and Max Pout = 200W

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**Attachment to Certificate CB 16 09 21433 488**
**Viiisxyzzzw V48 series**
**2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families**

Sample model number: V48A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
48 Vdc (36-75)	A = Maxi	----	264	400	400	500	500	500	500	500	500	500	500	500
48 Vdc (36-75)	B = Mini	100	150	200	200	200	300	300	300	300	300	300	300	300
48 Vdc (36-75)	C = Micro	50	75	100	100	150	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant, defines Fastrak	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
K = Extra Long RoHS			

Note: Viiisxyzzzw may be replaced by VI-bxxxxxw per customer special request

Customer Specials = VI-bxxxxxw

VI = Constant      VE = RoHS version

b = Size            7 = Micro, 8 = Mini, 9 = Maxi

xxxxx = 0 - 9      Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)

w = Functionality: Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 150W

VE-8xxxxxw, Mini module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 250W

VE-9xxxxxw, Maxi module with Vin = 48 Vdc (36-75), Vout = 54V Max, and Max Pout = 500W

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**Attachment to Certificate CB 16 09 21433 488**
**Viiisxyzzw V72 series**
**2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families**

Sample model number: V72A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		-	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
72 Vdc (43-110)	A = Maxi	-	264	300	300	300	400	400	400	400	400	400	400	400
72 Vdc (43-110)	B = Mini	-	100	150	150	150	250	250	250	250	250	250	250	250
72 Vdc (43-110)	C = Micro	-	75	100	100	100	130	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant, defines Fastrak	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Note: Viiisxyzzw may be replaced by VI-bxxxxxw per customer special request

Customer Specials = VI-bxxxxxw

VI = Constant VE = RoHS version

b = Size 7 = Micro, 8 = Mini, 9 = Maxi

xxxxx = 0 - 9 Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)

w = Functionality: Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 150W

VE-8xxxxxw, Mini module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 250W

VE-9xxxxxw, Maxi module with Vin = 72 Vdc (43-110), Vout = 54V Max, and Max Pout = 400W

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**Attachment to Certificate CB 16 09 21433 488**
**Viiiisxyzzzw V110 series**
**2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families**

Sample model number: V110A12C400B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
110 Vdc (66-154)	A = Maxi	---	200	300	300	300	400	400	400	400	400	400	400	400
110 Vdc (66-154)	B = Mini	---	100	150	150	150	200	200	200	200	200	200	200	200
110 Vdc (66-154)	C = Micro	---	50	75	75	75	100	100	100	100	100	100	100	100

**y = Product Grade**

E = Economy -10C to 100C

C = Commercial -20C to 100C

M = Military -55C to 100C

T or H = Industrial -40C to 100C

**w = Functionality: Bxyz**

(alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)

B = constant, defines Fastrak	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Note: Viiiisxyzzzw may be replaced by VI-bxxxxxw per customer special request

**Customer Specials = VI-bxxxxxw**

VI = Constant VE = RoHS version

b = Size 7 = Micro, 8 = Mini, 9 = Maxi

xxxxx = 0 - 9 Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)

w = Functionality: Bxyz

**Examples:**

VE-7xxxxxw, Micro module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 100W

VE-8xxxxxw, Mini module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 200W

VE-9xxxxxw, Maxi module with Vin = 110 Vdc (66-154), Vout = 54V Max, and Max Pout = 400W

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**Attachment to Certificate CB 16 09 21433 488**
**Viiiisxyzzzw V150 series**
**2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families**

Sample model number: V150A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		---	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
150 Vdc (100-200)	A = Maxi	---	264	400	400	400	500	500	500	500	500	500	500	500
150 Vdc (100-200)	B = Mini	---	150	200	200	200	250	250	250	250	250	250	250	250
150 Vdc (100-200)	C = Micro	---	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant, defines FasTrak	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Note: Viiiisxyzzzw may be replaced by VI-bxxxxxw per customer special request

Customer Specials = VI-bxxxxxw

VI = Constant    VE = RoHS version  
 b = Size        7 = Micro, 8 = Mini, 9 = Maxi  
 xxxxx = 0 - 9    Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)  
 w = Functionality: Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 150W  
 VE-8xxxxxw, Mini module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 250W  
 VE-9xxxxxw, Maxi module with Vin = 150 Vdc (100-200), Vout = 54V Max, and Max Pout = 500W

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Viiiisxyzzw V300 series

2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families

Sample model number: V300A12C500B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
300 Vdc (180-375)	A = Maxi	160	264	400	400	400	500	500	500	500	500	500	500	500
300 Vdc (180-375)	B = Mini	100	150	200	200	200	250	250	250	250	250	250	250	250
300 Vdc (180-375)	C = Micro	50	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)				
B = constant, defines Fastrak	x = Pin Style		y = Baseplate	z = T
	Blank = Short Solder		Blank = Slotted	T = Thermscreen
	L = Long Solder		2 = Threaded	
	S = Short Modumate		3 = Thru hole	
	N = Long Modumate			
	F = Short RoHS			
	G = Long RoHS			
	K = Extra Long RoHS			

Note: Viiiisxyzzw may be replaced by VI-bxxxxw per customer special request

Customer Specials = VI-bxxxxw

VI = Constant    VE = RoHS version  
 b = Size        7 = Micro, 8 = Mini, 9 = Maxi  
 xxxxx = 0 - 9    Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)  
 w = Functionality: Bxyz

Examples:

VE-7xxxxw, Micro module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 150W  
 VE-8xxxxw, Mini module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 250W  
 VE-9xxxxw, Maxi module with Vin = 300 Vdc (180-375), Vout = 54V Max, and Max Pout = 500W

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Attachment to Certificate CB 16 09 21433 488

Viiiisxyzzzw V375 series

2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families

Sample model number: V375A12C600B

V = Standard, S = Synchronous														
iii = Vin Nominal (Range)	s = Size A, B, C	xx = Output Voltage (Alpha-numeric combination up to 3 characters, V is used as the decimal separator)												
		2	3V3	5	6V5	8	12	15	24	28	32	36	48	54
zzz = Output Power in Watts (Max) (Alpha-numeric combination up to 3 characters)														
375 Vdc (250-425)	A = Maxi	160	264	400	400	400	600	600	600	600	600	600	600	600
375 Vdc (250-425)	B = Mini	100	150	200	200	200	300	300	300	300	300	300	300	300
375 Vdc (250-425)	C = Micro	50	75	100	100	100	150	150	150	150	150	150	150	150

y = Product Grade	
E = Economy -10C to 100C	C = Commercial -20C to 100C
M = Military -55C to 100C	T or H = Industrial -40C to 100C

w = Functionality: Bxyz (alphanumeric combination up to 4 characters, non-safety related, non-inclusive list of examples below)			
B = constant, defines Fastrak	x = Pin Style	y = Baseplate	z = T
	Blank = Short Solder	Blank = Slotted	T = Thermscreen
	L = Long Solder	2 = Threaded	
	S = Short Modumate	3 = Thru hole	
	N = Long Modumate		
	F = Short RoHS		
	G = Long RoHS		
	K = Extra Long RoHS		

Note: Viiiisxyzzzw may be replaced by VI-bxxxxxw per customer special request

Customer Specials = VI-bxxxxxw

VI = Constant VE = RoHS version

b = Size 7 = Micro, 8 = Mini, 9 = Maxi

xxxxx = 0 - 9 Denotes a unique customer number that represents a module that falls within the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)

w = Functionality: Bxyz

Examples:

VE-7xxxxxw, Micro module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 150W

VE-8xxxxxw, Mini module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 300W

VE-9xxxxxw, Maxi module with Vin = 375 Vdc (250-425), Vout = 54V Max, and Max Pout = 600W

Customer Special Exceptions: Denotes a unique customer number that represents a module that extends the electrical parameters of the parent family module, (Voltage, Current, Power, Fusing.)

VE-920094B, Maxi module, Vin = 375 Vdc (280-400), Vout = 24V, Pout = 672W, Fuse = Buss PC-Tron 5A

VE-920171B, Maxi module, Vin = 375 Vdc (250-440), Vout = 24V, Pout = 600W, Fuse = Buss PC-Tron 5A, Littelfuse 505, 10A

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2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	375	2	160	BUSS PC-Tron 5A	----
Maxi (A)	375	3.3	264	BUSS PC-Tron 5A	----
Maxi (A)	375	5, 6.5, 8	400	BUSS PC-Tron 5A	----
Maxi (A)	375	12, 15, 24, 28, 32, 36, 48, 54	600	BUSS PC-Tron 5A	----
Mini (B)	375	2	100	BUSS PC-Tron 5A	----
Mini (B)	375	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	375	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	375	12, 15, 24, 28, 32, 36, 48, 54	300	BUSS PC-Tron 5A	----
Micro (C)	375	2	50	BUSS PC-Tron 3A	----
Micro (C)	375	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	375	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	375	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	300	2	160	BUSS PC-Tron 5A	----
Maxi (A)	300	3.3	264	BUSS PC-Tron 5A	----
Maxi (A)	300	5, 6.5, 8	400	BUSS PC-Tron 5A	----
Maxi (A)	300	12, 15, 24, 28, 32, 36, 48, 54	500	BUSS PC-Tron 5A	----
Mini (B)	300	2	100	BUSS PC-Tron 5A	----
Mini (B)	300	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	300	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	300	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS PC-Tron 5A	----
Micro (C)	300	2	50	BUSS PC-Tron 3A	----
Micro (C)	300	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	300	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	300	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	150	3.3	264	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	150	5, 6.5	400	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	150	8, 12, 15, 24, 28, 32, 36, 48, 54	500	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	150	3.3	150	BUSS PC-Tron 5A	----
Mini (B)	150	5, 6.5, 8	200	BUSS PC-Tron 5A	----
Mini (B)	150	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS PC-Tron 5A	----
Micro (C)	150	3.3	75	BUSS PC-Tron 3A	----
Micro (C)	150	5, 6.5, 8	100	BUSS PC-Tron 3A	----
Micro (C)	150	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 3A	----
Maxi (A)	110	3.3	200	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	110	5, 6.5, 8	300	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	110	12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	110	3.3	100	BUSS PC-Tron 5A	----
Mini (B)	110	5, 6.5, 8	150	BUSS PC-Tron 5A	----
Mini (B)	110	12, 15, 24, 28, 32, 36, 48, 54	200	BUSS PC-Tron 5A	----
Micro (C)	110	3.3	50	BUSS PC-Tron 3A	----
Micro (C)	110	5, 6.5, 8	75	BUSS PC-Tron 3A	----
Micro (C)	110	12, 15, 24, 28, 32, 36, 48, 54	100	BUSS PC-Tron 3A	----

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Product Service



## Attachment to Certificate CB 16 09 21433 488

2<sup>nd</sup> Gen FasTrak DC-DC Converter Maxi, Mini, Micro Families external fusing

Package Size	Input Voltage	Output Voltage	Output Power	Required Fuse	Alternate Fuse
Maxi (A)	72	3.3	264	BUSS ABC-12	Littelfuse 505 12A
Maxi (A)	72	5, 6.5, 8	300	BUSS ABC-12	Littelfuse 505 12A
Maxi (A)	72	12, 15, 24, 28, 32, 36, 48, 54	400	BUSS ABC-12	Littelfuse 505 12A
Mini (B)	72	3.3, 5, 6.5, 8	150	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	72	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	72	3.3	75	BUSS PC-Tron 5A	----
Micro (C)	72	5, 6.5, 8	100	BUSS PC-Tron 5A	----
Micro (C)	72	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS PC-Tron 5A	----
Maxi (A)	48	3.3	264	BUSS ABC-10	Littelfuse 505 10A
Maxi (A)	48	5, 6.5, 8	400	BUSS ABC-15	Littelfuse 505 16A
Maxi (A)	48	12, 15, 24, 28, 32, 36, 48, 54	500	BUSS ABC-20	Littelfuse 505 20A
Mini (B)	48	2	100	BUSS PC-Tron 5A	----
Mini (B)	48	3.3	150	BUSS ABC-8	Littelfuse 505 10A
Mini (B)	48	5, 6.5, 8	200	BUSS ABC-10	Littelfuse 505 10A
Mini (B)	48	12, 15, 24, 28, 32, 36, 48, 54	250	BUSS ABC-10	Littelfuse 505 10A
Mini (B)	48	12, 15, 24, 28, 32, 36, 48, 54	300	BUSS ABC-12	Littelfuse 505 12A
Micro (C)	48	2	50	BUSS PC-Tron 5A	----
Micro (C)	48	3.3	75	BUSS PC-Tron 5A	----
Micro (C)	48	5, 6.5	100	BUSS PC-Tron 5A	----
Micro (C)	48	8	100	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	48	12, 15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-8	Littelfuse 505 10A
Maxi (A)	28	3.3	150	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	28	5	175	BUSS ABC-25	Littelfuse 505 25A
Maxi (A)	28	6.5, 8, 12, 15, 24, 28, 32, 36, 48, 54	200	BUSS ABC-30	Littelfuse 505 30A
Mini (B)	28	3.3, 5, 6.5, 8	75	BUSS ABC-15	Littelfuse 505 16A
Mini (B)	28	12	125	BUSS ABC-20	Littelfuse 505 20A
Mini (B)	28	15, 24, 28, 32, 36, 48, 54	150	BUSS ABC-25	Littelfuse 505 25A
Micro (C)	28	3.3, 5, 6.5, 8	50	BUSS ABC-8	Littelfuse 505 10A
Micro (C)	28	12, 15, 24, 28, 32, 36, 48, 54	100	BUSS ABC-15	Littelfuse 505 16A

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