

MESSRS :

Comparison with the Specifications

CUSTOMER'S PRODUCT NAME :

TDK PRODUCT NAME : DC/AC INVERTER UNIT CXA-0535



TDK-Lambda Corporation

PREPARED BY	APPROVED BY	AUTHORIZED BY
<i>Apr. 28, 2010 N.Suzuki</i>	<i>Apr. 28, 2010 K.Yamaishi</i>	<i>Apr. 28, 2010 H.Masuoka</i>

The difference between CXA-0384 and CXA-0535

<Product Description>

Compared with CXA-0384 to CXA-0535 , we will expand the operating temperature range , improve the start up characteristic at low temperature and protect circuit.

We have changed the fuse rating for lamp impedance at the low temperature .

1. Outline , Connector

		CXA-0384	CXA-0535
Outline	(mm)	50X150X8.5	←
Input Conector		S7B-PH-SM4-TB(LF)(SN)	←
Output Conector		SM02B-BHSS-1-TB(LF)(SN) SM02(4.0)B-BHS-1-TB(LF)(SN)	←
Mounting hole location		— — —	←
Mounting hole diameter	(mm)	2.5	←

2. Absolute maximum rating

		CXA-0384	CXA-0535
Vin	(V)	0~15	←
Vrmt	(V)	0~Vin	←
Vbr	(V)	0~16	←
Load	(KΩ)	100max	←
Operation Temperature range	(°C)	0~70	-30~80
Strage Temperature range	(°C)	-30~85	←
Humidity range	(%RH)	95max	←

3. Electrical characteristics

		Vin	Vrmt	Vbr(V)	Load	CXA-0384	CXA-0535
Output current (Dimming max)	(mA _{rms})	12±1.2	5	0/0	TYP	6.5typ	←
Output current (Dimming min)	(mA _{rms})	12±1.2	5	2.5/50	TYP	2.0typ	←
Input current	(A)	12±1.2	5	0/0	TYP	0.9typ	←
Frequency (Dimming max)	(KHz)	12±1.2	5	0/0	TYP	50typ	←
Frequency (Dimming min)	(Hz)	12±1.2	5	2.5/50	TYP	270typ	150typ
Open circuit voltage	(V _{rms})	10.8	5	0/0	∞	1500min	1700min
Alarm output	(V)	12±1.2	5	0~2.5 /0~50	∞	5.0typ	←
Protect circuit		12±1.2	5	0~2.5 /0~50	—	Shutdown at all road open	Shutdown at one road open

※CXA-0384:0~70°C、CXA-0535:-30~80°C

TDK-Lambda	No.	MATERIALS NAME	QU	MATERIAL	REMARK
	PRODUCT NAME or MODEL,TITLE				
	DC-AC INVERTER UNIT CXA-0535				
	NAME OF DRAWING		DRAWING No.		PAGE
	Comparison with the Specifications		CTR-3912-X		1

<The drawings may be changed without any notice.>