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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## Comparison with the Specifications

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CUSTOMER'S PRODUCT NAME :

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TDK PRODUCT NAME: DC/AC INVERTER UNIT CXA-P1212D-WJL

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**TDK-Lambda Corporation**

PREPARED BY	APPROVED BY	AUTHORIZED BY
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DWG. No.

CTR-3917-X

## The difference between CXA-P1212C-WJL and CXA-P1212D-WJL

<Product Description>

Compared with CXA-P1212C-WJL to CXA-P1212D-WJL , we will expand the operating temperature range.

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

### 1. Outline , Connector

#### 1-1. Outline

Product name	Depth [mm]	Wide [mm]	Height [mm]	Mounting hole diameter [mm]	Mounting hole location [mm]
CXA-P1212C-WJL	22MAX	153.5MAX	8.5MAX	3.5±0.2	14±0.3, 107±0.3
CXA-P1212D-WJL	↑	↑	↑	↑	↑

#### 1-2. Connector

Product name	Input Connector	Output Connector
CXA-P1212C-WJL	53261-0771	SM07(7-D1)B-BHS-1-TB(LF)(SN)
CXA-P1212D-WJL	↑	↑

### 2. Absolute maximum rating

Product name	Vin	Vrmt	Vbr	Load	Operation Temperature range	Strage Temperature range	Humidity range
Unit	[V]	[V]	[V]	[KΩ]	[°C]	[°C]	[°C]
CXA-P1212C-WJL	0~15	-1~Vin+1	0~Vin	100	-10~70	-30~85	95
CXA-P1212D-WJL	↑	↑	↑	↑	-30~80	↑	↑

### 3. Electrical characteristics

Item	symbol	Condition				CXA-P1212C-WJL	CXA-P1212D-WJL	Unit
		Vin(V)	Vrmt(V)	Vbr(V) /Rbr(kΩ)	RL(kΩ)			
Output current (Dimming max)	Io1	12±1.2	5±0.25	0/0	90	6.0(typ)	←	mArms
Output current (Dimming min)	Io2	12±1.2	5±0.25	2.5/50	90	2.0(typ)	←	mArms
Input current 1	Iin1	12±0.6	5±0.25	0/0	90	1.0(typ)	←	A
Input current 2	Iin2	12±0.6	0±0.25	0/0	90	1(max)	←	mA
Frequency (Dimming max)	F1	12±0.6	5±0.25	0/0	90	43(typ)	←	kHz
Frequency (Dimming min)	F2	12±0.6	5±0.25	2.5/50	90	250(typ)	←	Hz
Open circuit voltage	Vopen	10.8min	5±0.25	0/0	∞	1.5(min)	←	kVrms
Alarm output	Vst	12±1.2	5±0.25	0/0	∞	5.0(typ)	←	V
		12±1.2	5±0.25	0/0	90	0.5(max)	←	V

No.	MATERIALS NAME	QU	MATERIAL	REMARK
PRODUCT NAME or MODEL, TITLE				
DC-AC INVERTER UNIT CXA-P1212D-WJL				
<b>TDK-Lambda</b>	NAME OF DRAWING		DRAWING No.	PAGE
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<The drawings may be changed without any notice.>