

**MESSRS :**

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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.>