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EMC Filter
EMCフィルタ



2010-2011




TDK-Lambda Products Guide

Onboard

Input Voltage (VDC)					Series Name	Released Year	Output CHs		Features	RoHS	Terminal Type			Output Voltage (Vout)						Output Power (W)						Safety Standards	Warranty (Year)	Page					
3	5	12	24	48			1CH	2CHs			DIP	SMD	SIP	1.5	1.8	2.5	3.3	5	9	12	15	24	30	1.5	3				6	10	15	25	30
					Isolated																												
			●	●	 CC-P-E	'09	●		Ultra Compact Metal Shielded	○		●	●																●	●	UL US N CE	5	P38
●	●	●	●	●	CC-E	'05	●	●	Ultra Compact Metal Shielded	○		●	●	●															●	●	UL US N CE	5	P38
	●	●	●	●	CC	'97	●	●	Compact Metal Shielded	○		●																	●	●	UL US ※10Wは除く	5	-
	●	●	●	●	PSS	'04	●		Ultra Small & Open Frame	○		●	●																●	●	UL US CE	5	-
	●	●	●	●	PSD	'04		●	Ultra Small & Open Frame	○		●	●																●	●	UL US CE	5	-
	●	●	●	●	PC	'99	●		Encapsel (Shield Type)	○		●																	●	●	UL US	5	-
	●	●	●	●	PCD	'99		●	Encapsel (Shield Type)	○		●																	●	●	UL US	5	-
	●	●	●	●	PV	'99	●		Vertical Mounting (Mold Type)	○			●																●	●		3	-
	●	●	●	●	PVD	'99		●	Vertical Mounting (Mold Type)	○			●																●	●		3	-
	●	●	●	●	PP	'94	●		Encapsel (Shield Type)	△		●																	●	●		3	-
	●	●	●	●	PPD	'95		●	Encapsel (Shield Type)	×		●																	●	●		3	-
	●	●			CE-20xx	'87	●		For LAN	○		●																	●	●		1	-

△ : Some Specific Model

▲ : Some Model

Input Voltage (VDC)					Series Name	Released Year	Output CHs		Features	RoHS	Terminal Type			Output Voltage (V) 1CH										Output Voltage (V) 2CHs		Output Current (A)				Safety Standards	Warranty (Year)	Page													
3	5	12	24	48			1CH	2CHs			DIP	SMD	SIP	0.8	1.2	1.5	1.8	2	3.3	5	9	12	15	24	40	50	80	100	±5				±12	±15	-0.1	-0.5	-1.0	-1.5	-2.5	-7	-16				
●	●				CE-09xx	'99	●	●	Low Profile	○		●																											1	P39					
●	●	●	●		CE-10xx	'02	●		Low Profile	○		●																											1	P39					
	●				CE-3101	'95	●		For LCD	○		●																											1	P39					
		●			DEM	'95	●		Through Hole type	○		●																											1	-					
	●	●			PMH	'04	●		Industry Standard Foot Print	○		●																											1	-					
●	●	●			 iAx	'09	●		Industry Standard Foot Print	○		●	●		← Variable →																											UL US VDE CE	1	P39	
●	●	●			 iBx	'09	●		Industry Standard Foot Print	○		●			← Variable →																											UL US VDE CE	1	P39	
●	●	●			 iCx	'09	●		Industry Standard Foot Print	○		●			← Variable →																												UL US VDE CE	1	P39

* Please refer to the pages of each product for more information.

* Conformity to RoHS Directive: Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

Inverter for LCD

Parts & Number	Output	Input Voltage	Output Current	Dimming Frequency	Dimming		Max Output Voltage	Operating Temperature	Page
					Analog	PWM			
ALD-214012PJ111	2	10.8~13.2Vdc	140mA	200Hz	2.5~0Vdc	2.5~0Vdc	44Vdc	-30~+85°C	P40
ALD-310012PJ125	3	10.8~13.2Vdc	100mA	225Hz	0~4Vdc ¹	0~2.5Vdc	38Vdc	-30~+80°C	P40
ALD-414012PJ126	4	10.8~13.2Vdc	140mA	200Hz	2.5~0Vdc	2.5~0Vdc	44Vdc	-30~+85°C	P40

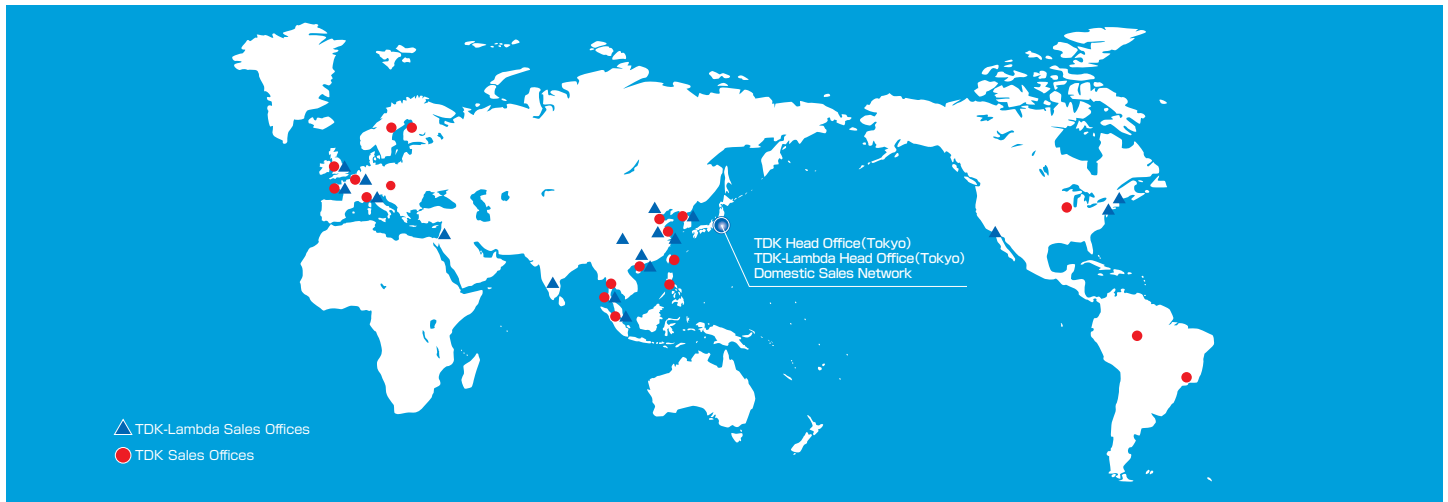
*1 Light modulation using variable resistance value (1 to 10kΩ) recommended; however, analog light modulation using 0 to 4V is possible.

Type	Output	Dimming	Panel Size	Output Connector	Parts Number	Input Voltage (V)	Operating Temperature (°C)	Open Circuit Voltage (Vrms)	Output Current (mA)	Function					Page		
										UL60950	Input Fuse	Remote	Alarm Signal	Shut Down			
Onboard Type	*2 1 or 2	Non Dimming	3~8	Pin terminal	CXA-L10A	5	-10~+60	800	5 ^{*2}	●	-	-	-	-	-	-	
					CXA-L10L	12	-10~+60	800	5 ^{*2}	●	-	-	-	-	-	-	
					CXA-P20L-L	12	-10~+60	800	10 ^{*2}	-	-	-	-	-	-	-	
					CXA-M10A-L	5	-10~+60	1000	5 ^{*2}	●	-	-	-	-	-	-	
					CXA-M10L-L	12	-10~+60	1000	5 ^{*2}	●	-	-	-	-	-	-	
					CXA-M10M-L	24	-10~+60	1000	5 ^{*2}	●	-	-	-	-	-	-	
Connector Type	1	Non Dimming	3~15	SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-L0505-NJL	5	0~+60	1400	5	●	●	-	-	-	-		
					CXA-L0512-NJL	12	0~+60	1400	5	●	●	-	-	-	-		
					CXA-L0524-NJL	24	0~+60	1400	5	●	●	-	-	-	-		
Connector Type	1	Current	3~15	SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-L0605A-VJL	4.5~5.5	-20~+75	1600	6~2.9	-	●	●	-	-	-		
					CXA-L0612B-VJL	9.6~14.4	0~+70	1500	6~1.6	●	●	●	-	-	-		
					CXA-L0712-VJL	9.6~15	0~+60	1500	7~2.5	-	●	●	-	-	-		
					CXA-0490	10.8~13.2	-30~+85	2200	6~3	-	●	●	●	●	-		
					CXA-L0624-VJL	20~28	0~+60	1400	6~3	-	●	●	-	-	-		
					CXA-L0605A-VSL	4.5~5.5	-20~+75	1600	6~2.9	-	●	●	-	-	-		
					CXA-L0612B-VSL	9.6~14.4	0~+70	1500	6~1.6	●	●	●	-	-	-		
					CXA-0499	10.8~13.2	-30~+85	2200	6~3	-	●	●	●	●	-		
					CXA-L0624-VSL	20~28	0~+60	1400	6~3	-	●	●	-	-	-		
					CXA-0489	10.8~13.2	-30~+75	1200	6~2.9	-	●	●	●	●	-		
					CXA-0461	10.8~13.2	-10~+70	1600	5~2.7	-	●	●	●	●	-		
					CXA-0540	10.8~13.2	-30~+80	1600	6.5~2.5	-	●	●	●	●	-		
		CXA-0492	10.8~13.2	-30~+80	2050	6~2.6	-	●	●	●	●	-					
		CXA-16012PJ102	10.8~13.2	-30~+80	1700	6~3	-	●	●	●	●	P40					
		CXA-0524	10.8~13.2	0~+75	1200 (Dual high pressure)	5~2.6	-	●	●	●	●	-					
		CXA-0510	10.8~13.2	0~+75	1200 (Dual high pressure)	6~3	-	●	●	●	●	-					
		Connector Type	1	PWM	3~15	SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-0489	10.8~13.2	-30~+75	1200	6~2.9	-	●	●	●	●	-
							CXA-0461	10.8~13.2	-10~+70	1600	5~2.7	-	●	●	●	●	-
							CXA-0540	10.8~13.2	-30~+80	1600	6.5~2.5	-	●	●	●	●	-
							CXA-0492	10.8~13.2	-30~+80	2050	6~2.6	-	●	●	●	●	-
							CXA-16012PJ102	10.8~13.2	-30~+80	1700	6~3	-	●	●	●	●	P40
							CXA-0524	10.8~13.2	0~+75	1200 (Dual high pressure)	5~2.6	-	●	●	●	●	-
				U-shaped tube	6~8	SM02B-BHSS-1-TB (LF)(SN) / JST	CXA-0510	10.8~13.2	0~+75	1200 (Dual high pressure)	6~3	-	●	●	●	●	-

(*1) Can change the number of Output and Output Current by changing connection.

Type	Output	Output	Panel Size	Output Connector	Parts Number	Input Voltage (V)	Operating Temperature (°C)	Open Circuit Voltage (Vrms)	Output Current (mA)	Function					Page
										UL60950	Input Fuse	Remote	Alarm Signal	Shut Down	
Connector Type	2	Current	5~8	SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-0356	4.75~5.25	-0~+60	11500	6~3	●	●	●	-	-	-
					CXA-0502	9.6~14.4	-30~+85	1900	6~3	-	●	●	●	●	-
					CXA-0393	10.8~13.2	-10~+70	1600	6~2	-	●	●	-	-	-
					CXA-0217	9.6~14.4	0~+70	1400	6~2	●	●	●	-	-	-
					CXA-0406	4.75~5.25	-10~+60	1050	6.4~3.2	●	●	●	●	●	-
					CXA-0320	10.8~13.2	-10~+70	1200	5~2.2	-	●	●	●	-	-
		PWM	5~8	SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-0462	10.8~13.2	-30~+80	1400	5~2.6	-	●	●	●	●	-
					CXA-0326	9~19	-10~+70	1000	5.5~2.5	-	●	●	●	-	-
					CXA-0420	4.5~13.2	-10~+75	1100	5~2.5	-	●	●	●	●	-
				SM03(7-D1) B-BHS-1-TB (LF)(SF) / JST	CXA-0441	4.5~5.5	-10~+75	1250	5~2.6	-	●	●	●	●	-
					CXA-0548	10.8~13.2	-20~+70	1400	6~2.9	-	●	●	●	●	-
					CXA-0437	10.8~13.2	-10~+75	1250	5~2.6	-	●	●	●	●	-
				SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-0549	10.8~13.2	-20~+70	1250	6~2	●	●	●	-	-	-
					CXA-0457	10.8~13.2	-20~+70	1600	6.5~3.7	●	●	●	●	●	-
					CXA-0463	10.8~13.2	-30~+80	1300	6~2.5	-	●	●	●	●	-
				SM03(7-D1) B-BHS-1-TB (LF)(SN) / JST	CXA-0543	10.8~13.2	-20~+80	1200	5~2	-	●	●	●	●	-
					CXA-0513	9.6~14.4	-30~+85	1900	6~2.5	-	●	●	●	●	-
					CXA-0496	10.8~13.2	-30~+80	1400	6~4.3	●	●	●	●	●	-
				SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-0474	11.4~12.6	-10~+70	1750	5~2.5	-	●	●	●	●	-
					CXA-P1212E-WJL	10.8~13.2	-30~+80	1500	6~2	-	●	●	●	●	-
					CXA-0454	10.8~13.2	-30~+80	1500	6~3	●	●	●	●	●	-
					CXA-26012PJ103	10.8~13.2	-30~+80	1700	6~3	-	●	●	●	●	P40
					CXA-0368	10.8~13.2	-10~+65	1500	6~2	-	●	●	●	●	-
					CXA-P1212D-WJL	10.8~13.2	-10~+70	1500	6~2	●	●	●	●	●	-
SM03(7-D1) B-BHS-1-TB (LF)(SN) / JST	CXA-0359	11.4~12.6	-10~+70	1600	5~2.2	-	●	●	●	●	-				
	CXA-26012PJ104	10.8~13.2	-30~+80	1700	6~3	-	●	●	●	●	P40				
	CXA-26012PJ105	10.8~13.2	-30~+80	1700	6~3	-	●	●	●	●	P40				
SM02(8.0)B-BHS-1-TB (LF)(SN) / JST	CXA-P1612-VJL	10.8~13.2	0~+60	1500	8~4	-	●	●	-	-	-				
	CXA-0523	10.8~13.2	-20~+70	1600	7.5~3.9	●	●	●	●	●	-				
	CXA-0508	11.4~12.6	-10~+60	1500	6.5~3	-	●	●	●	●	-				
SM02B-BHSS-1-TB(LF)(SN) / JST	CXA-0535	10.8~13.2	-30~+80	1700	6.5~3	●	●	●	●	●	-				

(*2) Hi Mode / Low Mode
* Conformity to RoHS Directive: Conformity to RoHS Directive: This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.



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Please see the Web of relevant companies for latest updates.

*1. Note that the contents of this catalog may be changed without prior warning. Be sure to read catalogs and instruction manuals for each product before using them.

For accuracy purposes, please ask for specifications, and check contents.

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