

產品升級通知:LRS, RSP, HDR, KNX-20E 系列 OVC III 升級

明緯工業控制用電源供應器在全球市場上佔有一席之地，為提升電源產品競爭力及擴大應用範圍，針對 LRS-35/50/75/100/150/150F, RSP-75/100/150, HDR-15/30/60/100, KNX-20E 等系列產品應用需求之 Over Voltage Category(OVC) 安規參數進行提升，從 OVC II 至 OVC III (內容如下)。針對 OVC III 介紹，請參見明緯第 36 期電子報[電源供應器對於 Over Voltage Category\(OVC\) III 應用與要求](#)

本次修正不影響產品現有電氣性能，明緯在安規及 EMC 報告上皆已完成報備，若您對本次產品變更有任何疑問，請與明緯業務代表聯繫。

升級前	ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")	
		WORKING HUMIDITY	20 ~ 90% RH non-condensing	
		STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH	
		TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	
		VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes	
	SAFETY & EMC (Note 7)	SAFETY STANDARDS	UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1/-2-16, CCC GB4943 approved	
		WITHSTAND VOLTAGE	I/P-O/P:3.75KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC	
		ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH	
		EMC EMISSION	Compliance to EN55022 (CISPR22), GB9254 Class B, EN55014, EN61000-3-2Class A(≤75% Load), EN61000-3-3	
		EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy industry level, criteria A	
升級後	ENVIRONMENT	WORKING TEMP.	-30 ~ +70°C (Refer to "Derating Curve")	
		WORKING HUMIDITY	20 ~ 90% RH non-condensing	
		STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-condensing	
		TEMP. COEFFICIENT	±0.03%/°C (0 ~ 50°C)	
		VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes	
	SAFETY & EMC (Note 7)	OVER VOLTAGE CATEGORY	III : Compliance to EN61558, EN50178, EN60664-1, EN62477-1; altitude up to 2000 meters	
		SAFETY STANDARDS	UL60950-1, TUV EN60950-1, EN60335-1, EN61558-1/-2-16, CCC GB4943.1, BSMI CNS14336-1, EAC TP TC 004, AS/NZS 60950.1(by CB) approved	
		WITHSTAND VOLTAGE	I/P-O/P:4KVAC I/P-FG:2KVAC O/P-FG:1.25KVAC	
		ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25°C / 70% RH	
		EMC EMISSION	Compliance to EN55032 (CISPR32) Class B, EN55014, EN61000-3-2,-3, GB/T 9254, BSMI CNS13438, EAC TP TC 020	
EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61000-6-2 (EN50082-2), heavy industry level, criteria A, EAC TP TC 020			

明緯企業股份有限公司

企劃部