

























- 85~264Vac input with PFC
- Global certificates in multi-fields (ITE 62368-1,Industrial 61558-1/-2-16,61010)
- · 48mm slim width
- · High efficiency up to 96% and no load power dissipation<1.2W
- Built-in constant current limiting circuit
- · Current sharing up to 1920W (3+1) for parallel use
- · Protections: Short circuit / Overload / Over voltage / Over temperature
- · Fanless design, cooling by free air convection
- · Over voltage category III (OVC III)
- -40~+70°C wide range operation temperature (>+50°C derating)
- Operating altitude up to 5000 meters
- · Built-in DC OK relay contact
- · Can be installed on DIN rail TS-35/7.5 or 15
- · 3 years warranty









Applications

- Industrial control system
- Semiconductor fabrication equipment
- Factory automation
- Electro-mechanical apparatus
- Battery charger

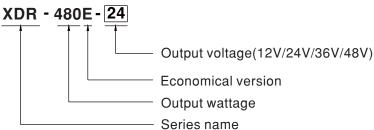
GTIN CODE

MW Search: https://www.meanwell.com/serviceGTIN.aspx

Description

The XDR-480E series is a 480W AC/DC economical ultra slim industrial DIN rail power. Key features of this series include a narrow 48mm casing, optimizing system installation space, and an ultra-wide input range of 85~264Vac suitable for global use. It boasts a maximum efficiency of 96% and a low standby power consumption <1.2W for energy savings and carbon reduction. It has built-in constant current, fanless design, a wide operating temperature range of -40 to +70°C (up to +50°C at full load); OVCIII compliance; parallel function capability up to 1920W; built-in DC OK signal. With comprehensive protection functions, complete safety certifications, and a 3-years warranty, the XDR-480E series is a compact, high-performance, and highly reliable DIN rail power supply.



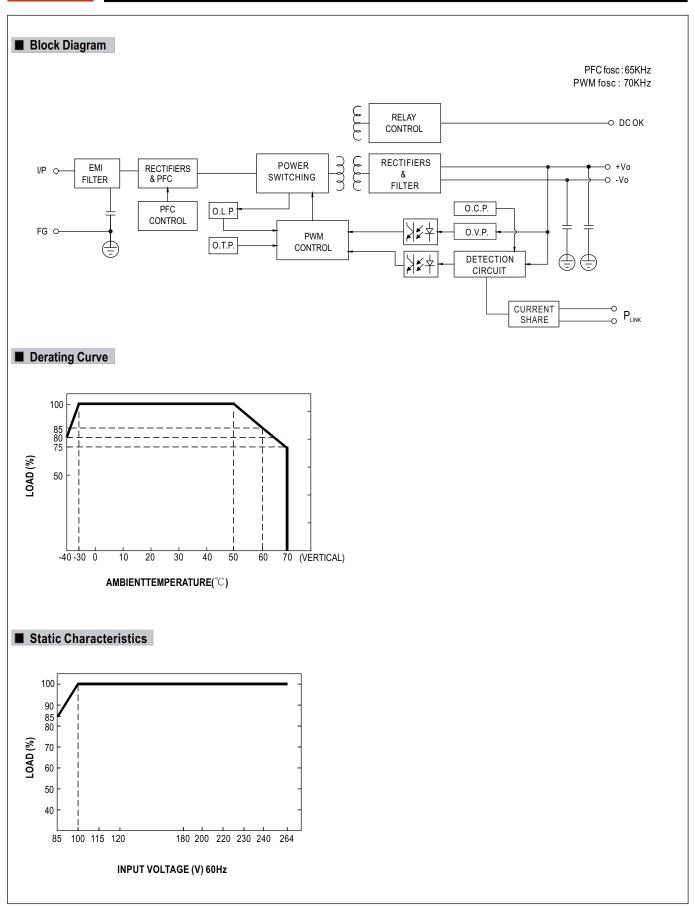


480W AC/DC Economical Ultra Slim Industrial DIN Rail Power XDR-480E series

		XDR-480E-12	XDR-480E-24	XDR-480E-36	XDR-480E-48	
	DC VOLTAGE	12V	24V	36V	48V	
	RATED CURRENT	30A	20A	13.3A	10A	
OUTPUT		0 ~ 30A	0 ~ 20A	0 ~ 13.3A	0 ~ 10A	
	CURRENT RANGE					
	RATED POWER	360W	480W	478.8W	480W	
	RIPPLE & NOISE (max.) Note.2	100mVp-p	120mVp-p	150mVp-p	150mVp-p	
	VOLTAGE ADJ. RANGE	12 ~ 15V	24 ~ 29V	36 ~ 42V	48 ~ 55V	
	VOLTAGE TOLERANCE Note.3	±2.0%	±1.0%	±1.0%	±1.0%	
	LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	
	LOAD REGULATION	±1.0%	±1.0%	±1.0%	±1.0%	
	SETUP, RISE TIME	1500ms, 150ms/230Vac 3000ms, 150ms/115Vac at full load				
	HOLD UP TIME (Typ.)	15ms/230Vac 15ms/115Vac at	full load			
	AC VOLTAGE RANGE	85~264Vac				
	DC VOLTAGE RANGE	120 ~ 370Vdc				
	NO LOAD POWER CONSUMPTION (Typ.)					
	,,,,			1.2W @115Vac & 230Vac		
	FREQUENCY RANGE	47 ~ 63Hz				
NPUT	POWDR FACTOR (Typ.)	PF>0.95/230Vac PF>0.98/115Vac	at full load			
	EFFICIENCY (Typ.)	94%	95.5%	95.5%	96%	
	AC CURRENT (Typ.)	6A/115Vac 3A/230Vac	<u>'</u>		<u>'</u>	
	INRUSH CURRENT (Typ.)		30A/230Vac			
	LEAKAGE CURRENT	<1mA/240Vac	0011200100			
	LLANAGE CONNENT					
	OVERLOAD	105~130% rated output power	ge <30%, recovers automatically	ofter fault condition is removed		
	O VERESTIES			ed output voltage, recovers automati	cally after fault condition is removed	
DOTECTION		Max. 18V	Max. 35V	Max. 50V	Max. 63V	
PROTECTION	OVER VOLTAGE		ecovers automatically after fault co		Max. 001	
		7,	•			
	OVER TEMPERATURE	, ,	oltage,recovers automatically afte			
UNCTION	PARALLEL (Droop Mode)	Up to 1920W Max (3+1) units;Plea	ase refer to Function Manual for mo	re details		
UNCTION	DC OK RELAY CONTACT	Relay Contact Ratings (max.):30\	/dc/1A, 30Vac/0.5A resistive load			
	WORKING TEMP.	-40 ~ +70°C (Refer to "Derating 0	Curve")			
	WORKING HUMIDITY	20 ~ 95% RH non-condensing	,			
	STORAGE TEMP., HUMIDITY	-40 ~ +85°C, 10 ~ 95% RH non-c	ondonsina			
INVIRONMENT			ondensing			
	TEMP. COEFFICIENT	±0.03% /°C (0 ~ 50°C)				
	VIBRATION			kes; Mounting: Compliance to IEC60068-		
	SAFETY STANDARDS	UL61010; TUV BS EN/EN62368-1, BS EN/EN61558-1/-2-16, BS EN/EN61010; CB IEC62368-1, IEC61558-1, IEC61010; RCM AS/NZS 62368-1, AS/NZS 61558-1/-2-16; BSMI CNS15598-1; CCC GB4943.1; EAC TPTC004 approved; KC KC62368-1 and BIS IS13252 (Part 1):2010 certified, no stock ,contact sale for inquires				
	ISAFEITSIANDARDS					
	SAFETT STANDARDS				,	
	SAFEIT STANDARDS		KC62368-1 and BIS IS13252 (,	
	OVER VOLTAGE CATEGORY Note.4	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I	KC62368-1 and BIS IS13252 (,	
		EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I	KC62368-1 and BIS IS13252 (III., altitude up to 2000m.)		,	
	OVER VOLTAGE CATEGORY Note.4	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL)	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V)			
		EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL)	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V)		,	
	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV)	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL\ IEC/EN 62368-1 (SEL'	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V) V/ ES1)	Part 1):2010 certified, no stock ,co	,	
	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL\ IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K'	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V) V/ ES1) Vac O/P-FG: 1.5KVac O	Part 1):2010 certified, no stock ,co		
	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV)	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL\ IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K'	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C/ 70%RF	Part 1):2010 certified, no stock ,co	ntact sale for inquires	
	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/ 70%RF	Part 1):2010 certified, no stock ,co	ntact sale for inquires Test Level / Note	
SAFETY &	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL\ IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K'	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V/ V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C/ 70%RH Standard BS EN/EN55032 (CISPR32) /	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac	ntact sale for inquires	
	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V/ V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C/ 70%RH Standard BS EN/EN55032 (CISPR32) /	Part 1):2010 certified, no stock ,co	ntact sale for inquires Test Level / Note	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V/ V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C/ 70%RH Standard BS EN/EN55032 (CISPR32) /	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac	Test Level / Note Class B	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V) V) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/ 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) /	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac	Test Level / Note Class B Class B	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V / V / ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C / 70%RH Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) /	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V / V / ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C / 70%RH Standard BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V./ V./ V./ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/70%RH Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B:	Part 1): 2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN 61558-2-16 (SEL' IEC/EN 62368-1 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) V// V// ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN 62368-1 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V./ V./ V./ V./ V./ V./ V./ V./ V./ V./	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V./ V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C / 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 3, 2KV ; criteria A	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P, I/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V.) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C / 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-3 BS EN/EN61000-4-5	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) I, altitude up to 5000m) V) V/ V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C/ 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-4 BS EN/EN61000-4-5 BS EN/EN61000-4-6	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 3, 10V ; criteria A	Test Level / Note Class B Class B Class A	
EMC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) I, altitude up to 5000m) V/) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A	Test Level / Note Class B Class B Class A ontact; criteria A	
:MC	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN/UL 61010-2-201 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) I, altitude up to 5000m) V/) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 3, 10V ; criteria A	Test Level / Note Class B Class B Class A ontact; criteria A	
EMC Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) I, altitude up to 5000m) V/) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-8	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A	Test Level / Note Class B Class B Class A ontact; criteria A	
EMC Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION EMC IMMUNITY	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN/UL 61010-2-201 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) I., altitude up to 5000m) V / / SS1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C / 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 a SR-332 (Bellcore) ; 25	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A	Test Level / Note Class B Class B Class A ontact; criteria A	
EMC (Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN 62368-1 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; J/P-FG, O/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia 48*125.2*125mm (W*H*D) 890g; 12pcs/13Kg/1.16CUF	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) I., altitude up to 5000m) V / / SS1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C / 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 a SR-332 (Bellcore) ; 25	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN60082-2) Test Level / Note Level 3, 8KV air; Level 2, 4KV c Level 3, 10V/m; criteria A Level 4, 2KV/Line-Line; Level 4 Level 4, 30A/m; criteria A Level 4, 30A/m; criteria A S SK hrs min. MIL-HDBK-217F (Test Level / Note Class B Class B Class A ontact; criteria A	
SAFETY & EMC (Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN 16588-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordid 48*125.2*125mm (W*H*D) 890g; 12pcs/13Kg/1.16CUFT	KC62368-1 and BIS IS13252 (i II, altitude up to 2000m) I, altitude up to 5000m) I, altitude up to 5000m) I, altitude up to 5000m) V/) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C / 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 a SR-332 (Bellcore); 25	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN60082-2) Test Level / Note Level 3, 8KV air; Level 2, 4KV c Level 3, 10V/m; criteria A Level 4, 2KV/Line-Line; Level 4 Level 4, 30A/m; criteria A Level 4, 30A/m; criteria A S SK hrs min. MIL-HDBK-217F (Test Level / Note Class B Class B Class A ontact; criteria A	
EMC Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE (SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance: includes set up	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia 48*125.2*125mm (W*H*D) 890g; 12pcs/13Kg/1.16CUFT by mentioned are measured at dat 20MHz of bandwidth by utolerance, line regulation and	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V.) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C/ 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 a SR-332 (Bellcore); 25	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV α Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 4, 2KV/Line-Line ;Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A 18.3K hrs min. MIL-HDBK-217F (25°C of ambient temperature. rminated with a 0.1 μ F & 47 μ F p	Test Level / Note Class B Class B Class A ontact; criteria A 4, 4KV/Line-Line-Chassis ; criteria	
EMC Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE (SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance: includes set up 4. The ambient temperature de 4.	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P: 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia 48*125.2*125mm (W*H*D) 890g; 12pcs/13Kg/1.16CUF' Ity mentioned are measured at dat 20MHz of bandwidth by utolerance, line regulation and erating of 3.5°C/1000m with fa	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V.) V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25°C/70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-3 1204-3, BS EN/EN61000-6-2(B: Standard BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 as SR-332 (Bellcore); 25 In the standard of 5°C/1000 in the standard sing a 12" twisted pair-wire te load regulation.	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ; Level 4 Level 4, 2KV/Line-Line ; Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A S S K hrs min. MIL-HDBK-217F (25°C of ambient temperature. rminated with a 0.1 μ F & 47 μ F p m with fan models for operating a	Test Level / Note Class B Class B Class A ontact; criteria A 4, 4KV/Line-Line-Chassis ; criteria 25°C) arallel capacitor. lititude higher than 2000m(6500	
EMC Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance: includes set up 4. The ambient temperature de 5. Installation clearances: 40r	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia 48*125.2*125mm (W*H*D) 890g; 12pcs/13Kg/1.16CUF1 ly mentioned are measured at at 20MHz of bandwidth by utolerance, line regulation and erating of 3.5°C/1000m with fand on top, 20mm on the bottom	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) I., altitude up to 5000m) I., altitude up to 5000m) V/ V/ V/ ES1) Vac O/P-FG: 1.5KVac O M Ohms/500Vdc/25 °C / 70%RF Standard BS EN/EN55032 (CISPR32) / BS EN/EN55032 (CISPR32) / BS EN/EN61000-3-2 BS EN/EN61000-3-2 BS EN/EN61000-4-2 BS EN/EN61000-4-2 BS EN/EN61000-4-3 BS EN/EN61000-4-5 BS EN/EN61000-4-6 BS EN/EN61000-4-6 BS EN/EN61000-4-8 as SR-332 (Bellcore); 25 In a 230Vac input, rated load and sing a 12" twisted pair-wire te load regulation. Inless models and of 5°C/1000 cm, 5mm on the left and right s	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV α Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ;Level 4 Level 4, 2KV/Line-Line ;Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A 18.3K hrs min. MIL-HDBK-217F (25°C of ambient temperature. rminated with a 0.1 μ F & 47 μ F p	Test Level / Note Class B Class B Class A ontact; criteria A 4, 4KV/Line-Line-Chassis ; criteria 25°C) arallel capacitor. lititude higher than 2000m(6500	
EMC Note 6)	OVER VOLTAGE CATEGORY Note.4 SAFETY EXTRA-LOW VOLTAGE(SELV) WITHSTAND VOLTAGE ISOLATION RESISTANCE EMC EMISSION MTBF DIMENSION PACKING 1. All parameters NOT special 2. Ripple & noise are measure 3. Tolerance: includes set up 4. The ambient temperature de 5. Installation clearances: 40r In case the adjacent device	EAC TPTC004 approved; KC IEC/EN 61558-1/-2-16 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN/UL 61010 (OVC I IEC/EN 62368-1 (OVC I IEC/EN 61558-2-16 (SEL' IEC/EN/UL 61010-2-201 (SEL' IEC/EN 62368-1 (SEL' I/P-O/P: 4KVac I/P-FG: 2K' I/P-O/P; 4KVac I/P-FG: 100 Parameter Conducted Radiated Harmonic Current Voltage Flicker BS EN/EN55035 , BS EN/EN6 Parameter ESD Radiated EFT / Burst Surge Conducted Magnetic Field 1482.0K hrs min. Telcordia 48*125.2*125mm (W*H*D) 890g; 12pcs/13Kg/1.16CUFT ly mentioned are measured at dat 20MHz of bandwidth by utolerance, line regulation and erating of 3.5°C/1000m with farm on top, 20mm on the botto is a heat source, 15mm cleara	KC62368-1 and BIS IS13252 (i II., altitude up to 2000m) II., altitude up to 5000m) III., altitude	Part 1):2010 certified, no stock ,co /P-DC OK: 0.5KVac BS EN/EN61204-3 / CNS15936 BS EN/EN61204-3 / CNS15936 S EN/EN50082-2) Test Level / Note Level 3, 8KV air ; Level 2, 4KV c Level 3, 10V/m ; criteria A Level 4, 2KV/Line-Line ; Level 4 Level 4, 2KV/Line-Line ; Level 4 Level 4, 30A/m ; criteria A Level 4, 30A/m ; criteria A S S K hrs min. MIL-HDBK-217F (25°C of ambient temperature. rminated with a 0.1 μ F & 47 μ F p m with fan models for operating a	Test Level / Note Class B Class B Class A ontact; criteria A 4KV/Line-Line-Chassis ; criteria 25°C) arallel capacitor. altitude higher than 2000m(6500) ed permanently with full power.	

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480W AC/DC Economical Ultra Slim Industrial DIN Rail Power XDR-480E series



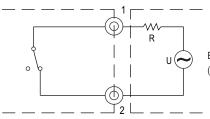


■ Function Manual

Pin No.	Function	Description Contact Close: PSU turns ON/DC_OK Contact Open: PSU turns OFF/DC_fail P_LINK should be short to enable droop parallel use.(Default disable)	
1,2	DC OK Relay Contact		
3,4	Paraller Use Link(P _{LINK})		

1.DC OK Relay Contact

Contact Close	PSU turns ON/DC OK.	
Contact Open	PSU turns OFF/DC Fail.	
Contact Ratings (max.)	30Vdc/1A, 30Vac/0.5A resistive load.	



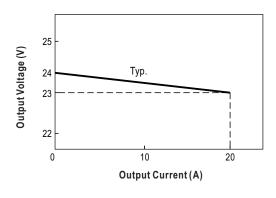
External voltage source (U) and resistor (R) (The max. Sink is 30Vdc/1A,30Vac/0.5A)

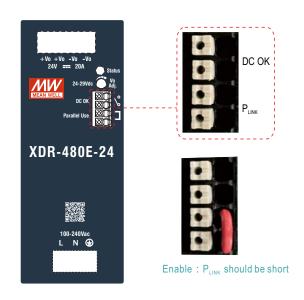
Internal circuit of DC_OK, via relay contact

XDR-480E has the built-in droop mode current sharing function and can be connected in parallel, up to 4 units, to provide higher output power as exhibited below:

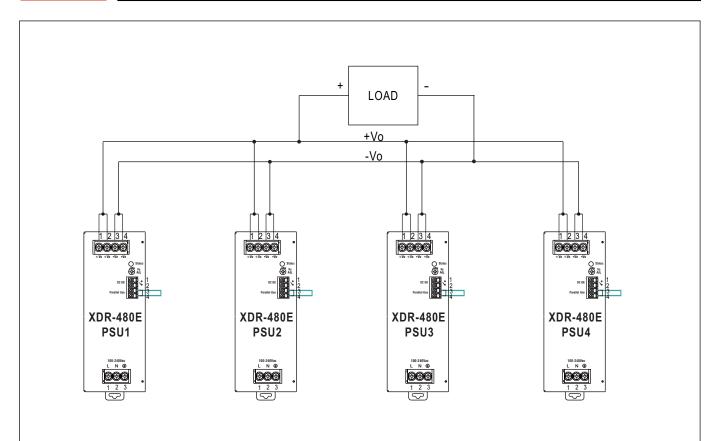
- (1) Difference of output voltages among parallel units should be less than 0.1V.
- (2) The total output current must not exceed the value determined by the following equation (Output current at parallel operation)=(The rated current per unit) x (Number of unit) x 0.9.
- (3) In parallel operation 4 units is the maximum, please consult the manufacture for other applications.
- (4) The power supplies should be paralleled using short and large diameter wiring and then connected to the load.
- (5) When in parallel operation, the minimum output load should be greater than 7% of total output load. (Min. load >7% rated current per unit x number of unit)
- (6) In parallel connection, maybe only one unit (master) operate if the total output load is less than 7% of rated load condition. The other PSUs (slaves) may go into standby mode and their output LEDs & relays will not turn on.
- (7) P_{LINK} lines should be shorted locally.
- (8) In parallel operation, after overload or short circuit fault occurs, re-power on to recover.
- (9) The "Parallel Use" mode regulates the output voltage in such a manner that the rated load is approx. 4% lower than the no-load voltage (12V:approx.7%).

For example XDR-480E-24: No load output voltage=24V Normal load output current=20A 0~100% load output voltage=24V~23V









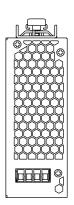
* Please contact MEAN WELL for more details.



■ Mechanical Specification

(Unit:mm, Tolerance ±1mm)

Case No.303

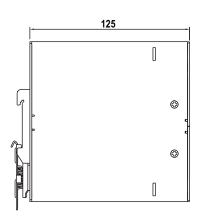


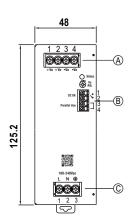
(A): Terminal Pin No. Assignment

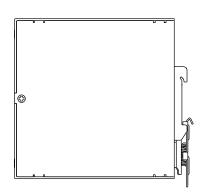
Pin No.	Assignment	
1,2	DC Output +Vo	
3,4	DC Output -Vo	

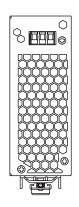
B: Control Pin No.Assignment

	Pin No.	Assignment	
	1,2	DC OK Relay Contact	
3,4 Parallel Use		Parallel Use Link(Current Sharing)	









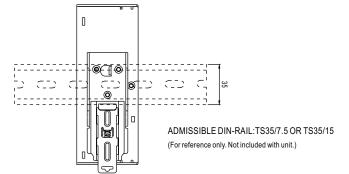
©: Terminal Pin No.Assignment

Pin No.	Assignment
1	AC/L or DC Input +Vin
2	AC/N or DC Input -Vin
3	FG 🖶

■ Recommend Wiring

		AC Input T.B	DC Output T.B	Signal connector
Solid Wi	re	6mm² max.	6mm² max.	1.5mm² max.
A.W.G	XDR-480E-12	18~10 AWG	12~10 AWG	24~16 AWG
A.W.G	XDR-480E-24/36/48		16~10 AWG	
Wire Stripping Length		10~11mm	10~11mm	8~9mm
Screw Terminal Torque		5 Lb-In	5 Lb-In	1

■ Installation Instruction



This series fits DIN rail TS35/7.5 or TS35/15. For installation details, please refer to the Instruction manual.

■ Installation Manual

Please refer to: http://www.meanwell.com/manual.html