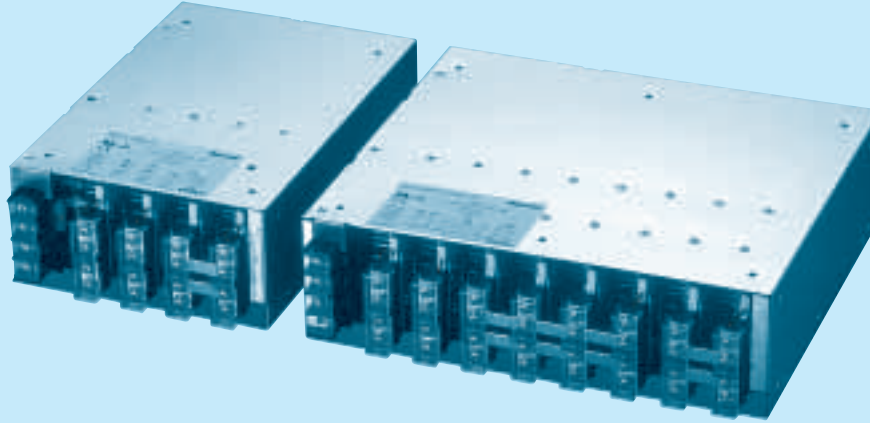
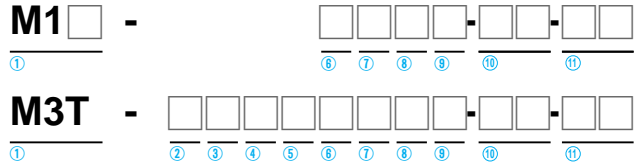
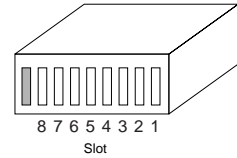


# MAX series

Ordering information



- ① Abbreviation type name of MAX series  
M1F : MAX1600F  
M1T : MAX1600T  
M3T : MAX3200T
- ② Slot 8 Output module
- ③ Slot 7 Output module
- ④ Slot 6 Output module
- ⑤ Slot 5 Output module
- ⑥ Slot 4 Output module
- ⑦ Slot 3 Output module
- ⑧ Slot 2 Output module
- ⑨ Slot 1 Output module
- ⑩ Parallel code
- ⑪ Series and option code  
Refer to instruction manual



\* The number of slot is different depending on the model.

## SPECIFICATIONS

	MODEL	MAX1600F (M1F)	MAX1600T (M1T)	MAX3200T (M3T)	
INPUT	VOLTAGE[V]	AC85 - 264 1 φ / DC120 - 350	AC170 - 264 3 φ	AC170 - 264 3 φ	
	FREQUENCY[Hz]	47 - 63	47 - 63	47 - 63	
	CURRENT[A]	AC100V *1	19typ	-	-
		AC200V *2	10typ	6.5typ	13typ
	POWER FACTOR	AC100V *1	0.99typ	-	-
		AC200V *2	0.95typ	0.95typ	0.95typ
	INRUSH CURRENT [A]	AC100V	20/40typ (Primary inrush current/Secondary inrush current)	-	-
		AC200V	40/40typ (Primary inrush current/Secondary inrush current)	40typ	40typ
EFFICIENCY[%]	AC100V *1	78typ	-	-	
	AC200V *2	82typ	85typ	85typ	
LEAKAGE CURRENT [mA]	*3	1.5max	2max	2max	
OUTPUT	NUMBER OF SLOT	*4	4	8	
	TOTAL MAXIMUM POWER[W]	AC90 - 150V *5	1500	-	-
		AC170 - 264V *5	1600	1600	3200
	START-UP TIME [ms]	AC100V *1	700typ	-	-
		AC200V *2	500typ	500typ	500typ
HOLD-UP TIME[ms]	*1	20typ	20typ	20typ	
FUNCTION	ALARM	FAN ALARM	FAN AND OPEN PHASE ALARM	FAN AND OPEN PHASE ALARM	
ISOLATION	INPUT-OUTPUT, RC	AC3,000V 1minute, Cutoff current=25mA, DC500V 50MΩ min (At Room Temperature) (Cutoff current = 100mA : MAX3200T)			
	INPUT-FG	AC2,000V 1minute, Cutoff current=25mA, DC500V 50MΩ min (At Room Temperature)			
	OUTPUT, RC-FG	AC500V 1minute, Cutoff current=100mA, DC500V 50MΩ min (At Room Temperature)			
ENVIRONMENT	OPERATING TEMP., HUMID. AND ALTITUDE *5	-20 to +65°C, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max			
	STORAGE TEMP., HUMID. AND ALTITUDE	-20 to +75°C, 20 - 90%RH (Non condensing) 9,000m (30,000feet) max			
	VIBRATION	19.6m/s <sup>2</sup> , 10 - 55Hz, 3minutes period, 60minutes each along X, Y and Z axis			
	IMPACT	196.1m/s <sup>2</sup> , 11ms, once each X, Y and Z axis			
SAFETY AND NOISE REGULATIONS	AGENCY APPROVALS	UL60950, C-UL (CSA60950), EN60950, EN50178, Complies with DEN-AN (At only AC input)			
	CONDUCTED NOISE	Complies with FCC-B, VCCI-B, CISPR22-B and EN55022-B		Complies with FCC-A, VCCI-A, CISPR22-A and EN55011-A	
	HARMONIC ATTENUATOR	Complies with IEC61000-3-2		-	
OTHERS	CASE SIZE *6	200 X 97 X 300mm (W X H X D)	200 X 97 X 300mm (W X H X D)	340 X 97 X 300mm (W X H X D)	
	WEIGHT	7kg max	7kg max	14kg max	
	COOLING METHOD	Forced cooling (built-in)			

\*1 It is a value when M1F-HFEC-00 (MAX1600F : 5V80A, 12V34A, 15V27A, 24V17A) outputs 1500W. The value changes by composing the output modules.  
 \*2 It is a value when M1F-HFEC-00 (MAX1600F : 5V80A, 12V34A, 15V27A, 24V17A) outputs 1600W or M1T-HFEC-00 (MAX1600T : 5V80A, 12V34A, 15V27A, 24V17A) outputs 1600W or M3T-HHFFEECC-00 (MAX3200T : 5V80A X2, 12V34A X2, 15V27A X2, 24V17A X2) outputs 3200W. The value changes by composing the output modules.

\*3 Complies with IEC60950 at AC240V 60Hz.  
 \*4 Each output module is insulated.  
 \*5 Refer to derating.  
 \*6 Case size contains neither the terminal blocks (cover) nor the screw.