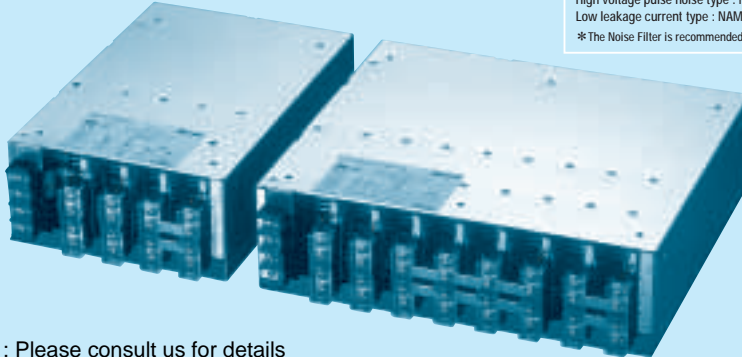
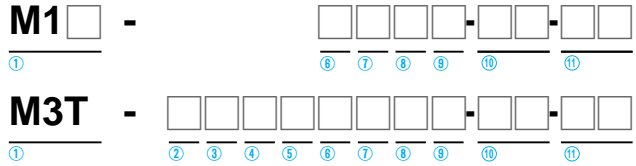


MAX series

Ordering information

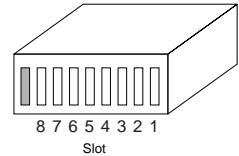


RoHS : Please consult us for details

Recommended Noise Filter
 MAX1600F NAC-30-472 MAX1600T TAC-10-683
 MAX3200T TAC-20-683

High voltage pulse noise type : NAP series
 Low leakage current type : NAM series
 *The Noise Filter is recommended to connect with several devices.

- 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 | 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℃, 20 - 90%RH (Non condensing) (Refer to DERATING CURVE), 3,000m (10,000feet) max | | | |
| | STORAGE TEMP.,HUMID. AND ALTITUDE | -20 to +75℃, 20 - 90%RH (Non condensing) 9,000m (30,000feet) max | | | |
| | VIBRATION | 19.6m/s ² , 10 - 55Hz, 3minutes period, 60minutes each along X, Y and Z axis | | | |
| | IMPACT | 196.1m/s ² , 11ms, once each X, Y and Z axis | | | |
| SAFTY AND NOISE REGULATIONS | AGENCY APPROVALS | UL60950-1, C-UL (CSA60950-1), EN60950-1, 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.