



Certificate Number: 0609202-28

Date: 2023-03-24

UL CONDITIONS OF ACCEPTABILITY

Company Name: TRACO ELECTRONIC AG

File-CCN: E188913-QQJQ2, QQJQ8

Product Description: AC/DC POWER MODULE

Models:

TMM 40105, TMM 40112, TMM 40115, TMM 40124, TMM 40212, TMM 40215, TMM 40105C, TMM 40112C, TMM 40115C, TMM 40124C, TMM 40212C, TMM 40215C

Conditions Of Acceptability:

For use only in or with complete equipment where the acceptability of the combination is determined by UL LLC. When installed in an end-product, consideration must be given to the following:

- The Potting Compound used in the equipment is considered as cemented joined and provided with reinforced insulation for primary to ES1.
- The end-product Electric Strength Test is to be based upon a maximum working voltage of:
Primary-ES1: 293 V r.m.s. / 448 V peak
- The outputs of this component have been evaluated for PS3 and ES1; the ES classification of circuits and parts that are accessible to ordinary persons should be reconsidered when it's employed in the end-use equipment.
- The terminals of this component are only suitable for factory wiring only.
- The manufacturer specified that the equipment could be operated up to an altitude of 5000 m. Therefore the clearances were considered and the required clearance was multiplied with an altitude correction factor of 1.48.
- The need for suitable Electrical enclosure (for ES safeguard), fire enclosure (for PS safeguard), mechanical enclosure (for MS safeguard), and safeguard for thermal burn injury (for TS safeguard) is to be evaluated and provided (if necessary) when it's employed in the end-use equipment.
- The following magnetic devices (e.g. transformers or inductor) are provided with an OBJY2 insulation system with the indicated rating greater than Class A (105°C): T1 (Class B)
- For models TMM 40105C, TMM 40112C, TMM 40115C, TMM 40124C, TMM 40212C, TMM 40215C (with terminal block type), the spacing for double/reinforced insulation from primary small board to outside of plastic enclosure is insufficient; suitable insulation shall be evaluated in the end product use.

Ratings:

I/P: 100-240Vac, 1.1-0.6A, 60/50Hz

O/P:

| Models | Output Rating |
|-------------------------|----------------------------|
| TMM 40105 TMM 40105C | 5.0 V d.c., 8000 mA |
| TMM 40112 TMM 40112C | 12 V d.c., 3330 mA |
| TMM 40115 TMM 40115C | 15 V d.c., 2660 mA |
| TMM 40124 TMM 40124C | 24 V d.c., 1660 mA |
| TMM 40212 TMM 40212C | +/- 12 V d.c., +/- 1660 mA |
| TMM 40215 TMM 40215C | +/- 15 V d.c., +/- 1330 mA |

Nomenclature: N/A