



Certificate Number: 040919X2-A6003

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:

TMPW 10-105, TMPW 10-112, TMPW 10-115, TMPW 10-124, TMPW 10-105-J, TMPW 10-112-J, TMPW 10-115-J, TMPW 10-124-J

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 end-product Electric Strength Test is to be based upon a maximum working voltage of: Primary-Secondary: 254 Vrms and 552 Vpk
- The following output circuits are at ES1 energy levels: Output
- The following output circuits are at PS3 energy levels: Output
- 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): Transformer (T1) (Class B)
- The power supply terminals and/or connectors are: Suitable for both factory and field wiring for models with Terminal Board.
- 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) in the end product.
- The classification of use by is not classified, the likelihood is to be evaluated in the end product.

Ratings:

| Models | Input | Output | | Transformer |
|-------------------------------|--|--------------|-----------|---------------|
| | | Vdc | Max. mA | |
| TMPW 10-105, TMPW 10-105-J | 100-277 V a.c., 47-63 Hz, 0.23 A max. or 100-277 V a.c., 47-63 Hz, 100-250 V d.c., 0.23 A max | 3.75 to 25.2 | 2000-1910 | R247MFC15AC01 |
| TMPW 10-112, TMPW 10-112-J | | 9-12.6 | 833-794 | R247MFC15AC02 |
| TMPW 10-115, TMPW 10-115-J | | 11.25-15.75 | 667-635 | R247MFC15AC02 |
| TMPW 10-124, TMPW 10-124-J | | 18-25.2 | 417-397 | R247MFC15AC05 |

| Models | PWB Layout | Case | Fuse (F1) | Thermistor (RT1) | Primary Choke |
|---|----------------|----------------------------|-----------|------------------|---------------|
| TMPW 10-105, TMPW 10-112, TMPW 10-115, TMPW 10-124 | AOD10 | 37.0 by 27.5 by 20.0 mm | N/A | Provided | L1 |
| TMPW 10-105-J, TMPW 10-112-J, TMPW 10-115-J, TMPW 10-124-J | AOCHF10 JST | 55.1 by 43.2 by 22.9 mm | Provided | Provided | Provided |

Nomenclature: N/A