



Certificate Number: 041219X2-A6004

Date: 2023-03-24

UL CONDITIONS OF ACCEPTABILITY

Company Name: TRACO ELECTRONIC AG

File-CCN: E188913-QQJQ2, QQJQ8

Product Description: AC-DC Power Module or DC-DC Power Module

Models:

TMPW 50-112, TMPW 50-115, TMPW 50-124, TMPW 50-112-J, TMPW 50-115-J, TMPW 50-124-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 following product-line tests are conducted for this product: Electric Strength
- The end-product Electric Strength Test is to be based upon a maximum working voltage of: Primary-Secondary: 342 Vrms and 624 Vpk
- The following output circuits are at ES1 energy levels: Outputs
- The following output circuits are at PS3 energy levels: Outputs
- The maximum investigated branch circuit rating is: 20 A
- The investigated Pollution Degree is: 2
- 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 factory wiring only.
- 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 in the end product.
- The classification of use is not classified, the likelihood is to be evaluated in the end product.

Ratings:

Models	Input	Output			PWB			
		Vdc	Min. mA	Max. W	A	B (D2, R25)	C (D2, R25, CN1, CN2)	D (CN1, CN2)
TMPW 50-112	100-277V ac, 47-63Hz, 1.0A max. or 100-250Vdc, 1.0A max.	9 to 25.2	3968 to 4167	50	V	V	-	-
TMPW 50-112-J					-	-	V	V
TMPW 50-115			3174 to 3333		V	V	-	-
TMPW 50-115-J					-	-	V	V
TMPW 50-124			1984 to 2083		V	V	-	-
TMPW 50-124-J					-	-	V	V

Nomenclature: N/A