



Certificate Number: 082421X3.A6002

Date: 2021-10-20

UL CONDITIONS OF ACCEPTABILITY

Company Name: TRACO ELECTRONIC AG

File-CCN: E188913- QQJQ2, QQJQ8

Product Description: Switching Power Supply

Models: TXLN 080-212U, TXLN 080-215U, TXLN 080-222U, TXLN 080-233U, TXLN 080-225U, TXLN 080-212, TXLN 080-215, TXLN 080-222, TXLN 080-233, TXLN 080-225, TXLN 080-312M2, TXLN 080-313M3, TXLN 080-3125, TXLN 080-312M2U, TXLN 080-313M3U, TXLN 080-3125U, TXLN 120-212U, TXLN 120-215U, TXLN 120-222U, TXLN 120-233U, TXLN 120-225U, TXLN 120-212, TXLN 120-215, TXLN 120-222, TXLN 120-233, TXLN 120-225, TXLN 120-312M2, TXLN 120-313M3, TXLN 120-3125, TXLN 120-312M2U, TXLN 120-313M3U, TXLN 120-3125U, TXLN 150-112N, TXLN 150-115N, TXLN 150-124N, TXLN 150-127N, TXLN 150-148N, TXLN 110-105, TXLN 110-112, TXLN 110-115, TXLN 110-124, TXLN 110-127, TXLN 110-148

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 / Earthing Continuity
- The end-product Electric Strength Test is to be based upon a maximum working voltage of : Primary-Secondary: 308 V r.m.s. / 616 V peak
- The following output circuits are at ES1 energy levels : Outputs
- The following output circuits are at PS3 energy levels : Outputs
- Proper bonding to the end-product main protective earthing termination is : Required
- An investigation of the protective bonding terminals has : Been Conducted
- 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 equipment is suitable for direct connection to : AC mains supply
- The power supply terminals and/or connectors are: Input and Output suitable for factory wiring or field wiring.
- The equipment need for suitable electrical enclosure (for ES safeguard), fire enclosure (for PS safeguard), and safeguard for thermal burn injury (for TS safeguard) is to be evaluated and provided (if necessary) in the end-product.

Ratings:

Model	Input Rating	Output Rating
TXLN 150-112N	100-240 V~ 47-63 Hz 4 A	12 V d.c. /11 A
TXLN 150-115N		15 V d.c./9.2 A
TXLN 150-124N		24 V d.c./5.8 A
TXLN 150-127N		27 V d.c./5.2 A
TXLN 150-148N		48 V d.c./3 A
TXLN 120-212U TXLN 120-212		5 V d.c./12 A 12 V d.c./5 A
TXLN 120-215U TXLN 120-215		5 V d.c./12 A 24 V d.c./3 A
TXLN 120-222U TXLN 120-222		12 V d.c./9.6 A -12 V d.c./4 A
TXLN 120-233U TXLN 120-233		15 V d.c./7.8 A -15 V d.c./3.2 A
TXLN 120-225U TXLN 120-225		12 V d.c./9.6 A 24 V d.c./3 A
TXLN 120-312M2 TXLN 120-312M2U		5 V d.c./12 A 12 V d.c./5 A -12 V d.c./1.5 A
TXLN 120-313M3 TXLN 120-313M3U		5 V d.c./12 A 15 V d.c./4 A -15 V d.c./1.5 A
TXLN 120-3125 TXLN 120-3125U		5 V d.c./10 A 12 V d.c./4 A 24 V d.c./2 A
TXLN 080-212U TXLN 080-212	100-240 V~ 47-63 Hz 2.5 A	5 V d.c./9 A 12 V d.c./4 A
TXLN 080-215U TXLN 080-215		5 V d.c./9 A 24 V d.c./2 A
TXLN 080-222U TXLN 080-222		12 V d.c./6.5 A -12 V d.c./3.4 A
TXLN 080-233U TXLN 080-233		15 V d.c./5 A -15 V d.c./2.6 A
TXLN 080-225U TXLN 080-225		12 V d.c./6.5 A 24 V d.c./2 A
TXLN 080-312M2 TXLN 080-312M2U		5 V d.c./8 A 12 V d.c./4 A -12 V d.c./1.0 A
TXLN 080-313M3 TXLN 080-313M3U		5 V d.c./8 A 15 V d.c./3.5 A -15 V d.c./1 A
TXLN 080-3125 TXLN 080-3125U		5 V d.c./8 A 12 V d.c./3.5 A 24 V d.c./1.5 A

TXLN 110-105	100-240 V~ 47-63 Hz 2.8 A	5 V d.c./20 A
TXLN 110-112		12 V d.c./9 A
TXLN 110-115		15 V d.c./7.3 A
TXLN 110-124		24 V d.c./4.6 A
TXLN 110-127		27 V d.c./4.1 A
TXLN 110-148		48 V d.c./2.3 A