



Certificate Number: 042409X1-A20

Date: 2023-01-04

UL CONDITIONS OF ACCEPTABILITY

Company Name: TRACO ELECTRONIC AG

File-CCN: E188913 - QQGQ2, QQGQ8

Product Description: Switching Power Supply

Models: TXL 035-3.3S, TXL 035-05S, TXL 035-7.5S, TXL 035-12S, TXL 035-15S, TXL 035-24S, TXL 035-30S, TXL 035-48S, TXL 035-0522T, TXL 035-0521T, TXL 035-0534T, TXL 035-1212D, TXL 035-1515D, TXL 050-3.3S, TXL 050-05S, TXL 060-7.5S, TXL 060-12S, TXL 060-15S, TXL 060-24S, TXL 060-30S, TXL 060-48S, TXLN 035-103, TXLN 035-105, TXLN 035-107, TXLN 035-112, TXLN 035-115, TXLN 035-124, TXLN 035-130, TXLN 035-148, TXLN 035-3.3S, TXLN 035-05S, TXLN 035-7.5S, TXLN 035-12S, TXLN 035-212, TXLN 035-215, TXLN 035-22M2, TXLN 035-23M3, TXLN 035-212I, TXLN 035-215I, TXLN 035-22M2I, TXLN 035-23M3I.

Conditions Of Acceptability:

For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc. 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: 252 Vrms, 574 Vpk
▪ The following secondary output circuits are SELV: Outputs of all models.
▪ The following secondary output circuits are at non-hazardous energy levels: Outputs of all models.
▪ The following output terminals were referenced to earth during performance testing: GND
▪ The power supply terminals and/or connectors are: Suitable for factory wiring only
▪ The maximum investigated branch circuit rating is: 20 A
▪ The investigated Pollution Degree is: 2
▪ Proper bonding to the end-product main protective earthing termination is: Required
▪ An investigation of the protective bonding terminals has: Been conducted
▪ The following input terminals/connectors must be connected to the end-product supply neutral: Neutral of terminal block (CN1)

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| <ul style="list-style-type: none"> ▪ 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) for all models. |
| <ul style="list-style-type: none"> ▪ The following end-product enclosures are required: Mechanical, Fire, Electrical |
| <ul style="list-style-type: none"> ▪ The equipment is suitable for direct connection to: AC mains supply |
| <ul style="list-style-type: none"> ▪ Printed wiring board trace (from earthed pin of terminal block (CN1) to earthed pins of C3 and C4, refer to Enclosure Id. 5-01, 5-02 and 5-03) was investigated as part of the protective bonding, additional evaluation to CSA 0.4 Limited Short-Circuit requirements may be considered in end application. |

Ratings:

I/P: 100-240 Vac, 47-63 Hz, 1.6 A

O/P:

3.3 Vdc, 12 A for models TXL 050-3.3S

5 Vdc, 10 A for models TXL 050-05S

7.5 Vdc, 7 A for models TXL 060-7.5S

12 Vdc, 5 A for models TXL 060-12S

15 Vdc, 4 A for models TXL 060-15S

24 Vdc, 2.5 A for models TXL 060-24S

30 Vdc, 2 A for Model TXL 060-30S

48 Vdc, 1.3 A for models TXL 060-48S

I/P: 100-240 Vac, 47-63 Hz, 1.3 A

O/P:

3.3 Vdc, 9 A for models TXL 035-3.3S

5 Vdc, 7 A for models TXL 035-05S

7.5 Vdc, 4.7 A for models TXL 035-7.5S

12 Vdc, 3 A for models TXL 035-12S

15 Vdc, 2.4 A for models TXL 035-15S

24 Vdc, 1.5 A for models TXL 035-24S

30 Vdc, 1.2 A for Model TXL 035-30S

48 Vdc, 0.8 A for models TXL 035-48S

12Vdc, 3A; 12V, 1.5A, 36W Max. for models TXL 035-1212D

15Vdc, 2.4A; -15V, 1.5A, 36W Max. for models TXL 035-1515D

5Vdc, 4A; 12V, 2A; -12V, 1A, 35W Max. for models TXL 035-0522T

5Vdc, 4A; 12V, 2.5A; -5V, 1A, 35W Max. for models TXL 035-0521T

5Vdc, 4A; 12V, 2A; -24V, 1.3A, 35W Max. for models TXL 035-0534T

I/P: 100-240 Vac, 47-63 Hz, 1.0 A

O/P:

3.3 Vdc, 9 A for models TXLN 035-103, TXLN 035-3.3S

5 Vdc, 7 A for models TXLN 035-105, TXLN 035-05S

7.5 Vdc, 4.7 A for models TXLN 035-107, TXLN 035-7.5S

12 Vdc, 3 A for models TXLN 035-112, TXLN 035-12S

15 Vdc, 2.4 A for models TXLN 035-115

24 Vdc, 1.5 A for models TXLN 035-124

30 Vdc, 1.2 A for Model TXLN 035-130

48 Vdc, 0.8 A for models TXLN 035-148

5Vdc, 4A; 12V, 2.5A; 35W Max. for models TXLN 035-212, TXLN 035-212I

5Vdc, 4A; 24V, 1.3A; 35W Max. for models TXLN 035-215, TXLN 035-215I

12Vdc, 3A; -12V, 1.5A, 36W Max. for models TXLN 035-22M2

12Vdc, 3A; 12V, 1.5A, 36W Max. for models TXLN 035-22M2I

15Vdc, 2.4A; -15V, 1.5A, 36W Max. for models TXLN 035-23M3

15Vdc, 2.4A; 15V, 1.5A, 36W Max. for models TXLN 035-23M3I