



Certificate Number: 042409A20-UL

Date: 2015-11-12

## 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

### 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:
<ul style="list-style-type: none"><li>▪ The end-product Electric Strength Test is to be based upon a maximum working voltage of: 252 Vrms, 574 Vpk</li></ul>
<ul style="list-style-type: none"><li>▪ The following secondary output circuits are SELV: Outputs of all models.</li></ul>
<ul style="list-style-type: none"><li>▪ The following secondary output circuits are at non-hazardous energy levels: Outputs of all models.</li></ul>
<ul style="list-style-type: none"><li>▪ The following output terminals were referenced to earth during performance testing: GND</li></ul>
<ul style="list-style-type: none"><li>▪ The power supply terminals and/or connectors are: Suitable for factory wiring only</li></ul>
<ul style="list-style-type: none"><li>▪ The maximum investigated branch circuit rating is: 20 A</li></ul>
<ul style="list-style-type: none"><li>▪ The investigated Pollution Degree is: 2</li></ul>
<ul style="list-style-type: none"><li>▪ Proper bonding to the end-product main protective earthing termination is: Required</li></ul>
<ul style="list-style-type: none"><li>▪ An investigation of the protective bonding terminals has: Been conducted</li></ul>
<ul style="list-style-type: none"><li>▪ The following input terminals/connectors must be connected to the end-product supply neutral: Neutral of terminal block (CN1)</li></ul>
<ul style="list-style-type: none"><li>▪ 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.</li></ul>

<ul style="list-style-type: none"> <li>▪ The following end-product enclosures are required: Mechanical, Fire, Electrical</li> </ul>
<ul style="list-style-type: none"> <li>▪ The equipment is suitable for direct connection to: AC mains supply</li> </ul>
<ul style="list-style-type: none"> <li>▪ 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.</li> </ul>

**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