



Certificate Number: 122911X1-24

Date: 2016-05-13

## UL CONDITIONS OF ACCEPTABILITY

**Company Name:** TRACO ELECTRONIC AG

**File-CCN:** E188913-QQGQ2 & E188913-QQGQ8

**Product Description:** POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT - COMPONENT

**Models:** TMG 30103, TMG 30105, TMG 30112, TMG 30115, TMG 30124

**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: Primary-SELV: 592 Vpk, 341Vrms, ,
- ☐ The following secondary output circuits are SELV: All Outputs
- ☐ The following secondary output circuits are at non-hazardous energy levels: All Outputs
- ☐ The following secondary output circuits are Limited Current Circuits: Secondary side of CY1
- ☐ 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
- ☐ 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): T1 (Class B)
- ☐ The following end-product enclosures are required: Mechanical, Fire, Electrical
- ☐ The equipment is suitable for direct connection to: AC mains supply
- ☐ Abnormal/Component Failure Tests were conducted with an external fuse (rated 3007V/3.15A maximum) (Conquer, Type MST). Repeated tests in the end-use application shall be considered if a different protective device is used.

### Ratings:

Model	Output		
	V	Max. mA	Max. W
TMG 30103	3.3	5000	16.5W
TMG 30105	5	5000	27W
TMG 30112	12	2500	30W
TMG 30115	15	2000	30W
TMG 30124	24	1250	30W

**Nomenclature:** N/A



Certificate Number: 020813X1-26

Date: 2016-05-13

## UL CONDITIONS OF ACCEPTABILITY

**Company Name:** TRACO ELECTRONIC AG

**File-CCN:** E188913-QQGQ2 & E188913-QQGQ8

**Product Description:** POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT - COMPONENT

**Models:** TMG 50105, TMG 50112, TMG 50115, TMG 50124, TMG 50148.

**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 Production-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-SELV: 310 Vrms, 608 Vpk
- ☐ The following secondary output circuits are SELV: All outputs
- ☐ The following secondary output circuits are at non-hazardous energy levels: All outputs
- ☐ The following secondary output circuits are Limited Current Circuits: CY1, CY2, CY5 secondary part
- ☐ The following output terminals were referenced to earth during performance testing: -V
- ☐ 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
- ☐ The following end-product enclosures are required: Mechanical, Fire, Electrical
- ☐ The equipment is suitable for direct connection to: AC mains supply
- ☐ Abnormal/Component Failure Tests were conducted with an external fuse (rated 3.15A, 250V maximum) (Conquer, Type ABP). Repeated tests in the end-use application shall be considered if a different protective device is used.

**Ratings:** N/A

**Nomenclature:** N/A



Certificate Number: 122914X1-31

Date: 2016-05-13

## UL CONDITIONS OF ACCEPTABILITY

**Company Name:** TRACO ELECTRONIC AG

**File-CCN:** E188913-QQGQ2 & E188913-QQGQ8

**Product Description:** POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT - COMPONENT

**Models:** TMG 07105, TMG 07112, TMG 07115, TMG 07124

**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-SELV: 340 Vrms / 520 Vpk
- ☐ The following secondary output circuits are SELV: Outputs
- ☐ The following secondary output circuits are at non-hazardous energy levels: Outputs
- ☐ The following secondary output circuits are Limited Current Circuits: Secondary side of Bridging Capacitor (CY2)
- ☐ The investigated Pollution Degree is: 2
- ☐ The following end-product enclosures are required: Electrical / Fire
- ☐ The equipment is suitable for direct connection to: AC mains supply
- ☐ Abnormal/Component Failure Tests were conducted with an external fuse (rated 250Vac/2A maximum) (Conquer Electronics Co., Ltd., Type MST). Repeated tests in the end-product shall be considered if a different protective device is used.

**Ratings:** N/A

Model	Input	Output		
		V	Max. mA	Max. W
TMG 07105	100-240Vac, 50-60Hz, 180mA	5	1400	7.56
TMG 07112	100-240Vac, 50-60Hz, 180mA	12	583	7.2875
TMG 07115	100-240Vac, 50-60Hz, 180mA	15	466	7.3395
TMG 07124	100-240Vac, 50-60Hz, 180mA	24	292	7.3584

**Nomenclature:** N/A



Certificate Number: 072715X1-32

Date: 2016-05-13

## UL CONDITIONS OF ACCEPTABILITY

**Company Name:** TRACO ELECTRONIC AG

**File-CCN:** E188913-QQGQ2 & E188913-QQGQ8

**Product Description:** POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT INCLUDING ELECTRICAL BUSINESS EQUIPMENT - COMPONENT

**Models:** TMG 15105, TMG 15112, TMG 15115, TMG 15124

**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-SELV: 256 Vrms / 544 Vpk
- ☐ The following secondary output circuits are SELV: Outputs
- ☐ The following secondary output circuits are at non-hazardous energy levels: Outputs
- ☐ The following secondary output circuits are Limited Current Circuits: Secondary Side of Bridging Capacitor (CY1)
- ☐ The following secondary output circuits are supplied by a Limited Power Source: Outputs
- ☐ The maximum investigated branch circuit rating is: 20 A
- ☐ The investigated Pollution Degree is: 2
- ☐ The following end-product enclosures are required: Electrical / Fire
- ☐ The equipment is suitable for direct connection to: AC mains supply
- ☐ The product with output full load for input voltage 100 to 264 Vac / 80% load for input voltage 90 Vac.
- ☐ Component Failure Test was conducted with an external fuse (Conquer Electronics Co., Ltd., Type MST rated 250Vac, 2A). Repeated tests in the end-product shall be considered if a different protective device is used.

**Ratings:** N/A

**Nomenclature:** N/A