



# Licence

## for the use of SIQ Type Approved certification mark

**Number:** SI-SIQ BG 007/049 **Project file:** C20160874

**Product:** Switch Mode Power Supply for building-in (DIN Rail)

**Type reference:** See next page

**Trademark:** TRACO POWER

**Ratings:** See next page

**Applicant / Licensee:** Traco Power Solutions Ltd.  
Whitemill Industrial Estate Wexford, Whitemill Road,  
Wexford Y35 YH66, Ireland  
**Manufacturer:** Traco Power Solutions Ltd.  
Whitemill Industrial Estate Wexford, Whitemill Road,  
Wexford Y35 YH66, Ireland

SIQ hereby grants the right to use the SIQ Type Approved certification mark of conformity on the products specified in this document. The SIQ Type Approved certification mark of conformity signifies the compliance of the products with requirements of cited standards.

**Certification mark:**



**Standard:** EN 60950-1:2006 + A1:2010 + A2:2013 + A11:2009 + A12:2011

**Test report:** T223-0507/16

**Remarks:** This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.  
This licence is valid as long as the conditions laid down in the listed standards are not modified significantly and until the licensee complies with the SIQ's rules on product certification.

**Date:** 2016-09-07

**Authorized signature:**

Bojan Pečavar

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### Additional remarks:

The list of critical components of the product for which this licence is granted is included in the test report.

Unit was also investigated and found to be in compliance with clearance and creepage distance requirements of standard IEC/EN 50178:1997 and IEC/EN 62477-1:2012 + A11:2014. Output was classified as DVC A. DVC A means that output meets SELV limits for an area of contact equal to human hand under dry condition. Output must be earthed in the final unit in order to comply with PELV requirements according to standard IEC/EN 60204-1:2006 + A1:2009. Unit was also tested and found to be in compliance with EN 61558-2-8:2010 in conjunction with EN 61558-1:2005 + A1:2009 and with EN 61558-2-16:2009 + A1:2013 in conjunction with EN 61558-1:2005 + A1:2009.

### Models and ratings:

AC input voltage: 110 – 240 Vac; 50-60 Hz  
Alternate input voltage: DC input voltage: 130– 300 Vdc

Output:

TRACO POWER Model reference	Manufacturer Model reference	Input	Output		
		Current [A]	Voltage [DC]	Current [A]	Power [W]
TPC 030-105	030PSC181	0,5 – 0,3	5	4	20
TPC 030-112	030PSC182	0,6 – 0,4	12	2,2	26,4
TPC 030-124	030PSC184	0,7 – 0,4	24	1,25	30
TPC 030-148	030PSC185	0,7 – 0,4	48	0,6	30
TPC 055-112	050PSC182	1,0 – 0,5	12	3,5	42
TPC 055-124	050PSC184	1,2 – 0,7	24	2,3	55
TPC 055-148	050PSC185	1,2 – 0,6	48	1,15	55
TPC 080-112	080PSC182	1,7 – 0,9	12	6,0	72
TPC 080-124	080PSC184	1,8 – 1,0	24	3,3	80
TPC 080-148	080PSC185	1,7 – 1,0	48	1,7	80
TPC 120-112	120PSC182	2,0 – 1,1	12	8,0	96
TPC 120-124	120PSC184	2,6 – 1,4	24	5,0	120
TPC 120-148	120PSC185	2,4 – 1,3	48	2,5	120

Each model can be alternatively marked with a suffix XX for non safety relevant changes. No impact on safety.

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**Places of manufacture, inspection file number:**

Traco Power Solutions Ltd.  
Whitemill Industrial Estate Wexford, Whitemill Road, Wexford Y35 YH66, Republic of Ireland  
(06972-06972)

**Limitation:**

This licence supersedes SI-SIQ BG 007/020, due to update report to A2 of EN 60950-1, update of components list and additional testing.

**Date:** 2016-09-07

**Authorized signature:**

Bojan Pečavar

