

Licence

for the use of SIQ Type Approved certification mark

Number: SI-SIQ BG 007/083 **Project file:** C20202946

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

Type reference: TPC series (see page 2)

Trademark: TRACO POWER

Ratings: See page 3.

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

Manufacturer: Traco Power Solutions Ltd.
Whitemill Industrial Estate Wexford, White Mill Road, 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 61010-1:2010 + A1:2019
EN IEC 61010-2-201:2018

Test report: T223-0014/21, T223-0015/21 (2021-01-11)

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: 2021-01-11

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. Refer to test report T223-0507/16.

Type reference:

TRACO POWER Model reference	Manufacturer Model reference
TPC 030-105	030PSC181
TPC 030-112	030PSC182
TPC 030-124	030PSC184
TPC 030-148	030PSC185
TPC 055-112	050PSC182
TPC 055-124	050PSC184
TPC 055-148	050PSC185
TPC 080-112	080PSC182
TPC 080-124	080PSC184
TPC 080-148	080PSC185
TPC 120-112	120PSC182
TPC 120-124	120PSC184
TPC 120-148	120PSC185

Models can be additionally marked with xxxxxxxx, where 'x' or 'a' can be any alphanumeric, blank or dash, no impact on safety.

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Ratings:

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

Places of manufacture, inspection file number:

The products are manufactured by TRACO POWER SOLUTIONS Ltd. Wexford, Ireland or its subcontractors as disclosed in document »Factory locations SI-SIQ BG 007/083«

Limitation:

This SI-SIQ BG licence supersedes previously issued licence SI-SIQ BG 007/049, dated 2016-09-07, due to issue of new test reports.

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