



Licence

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Number: SI-SIQ BG 007/069 **Project file:** C20200513

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

Type reference: TCL024-1aay or 020PSM18byz (see pages 2 and 3)
Models can be additionally marked with xxaaaaa, where 'x' or 'a' can be any alphanumeric, blank or dash, no impact on safety.

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: T223-0456/20, T223-0457/20 (2020-08-04)

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: 2020-08-04

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 EN 60204-1:2006 + A1:2009 and EN 50178:1997. Output must be earthed in the final unit in order to comply with PELV requirements according to standard EN 60204-1:2006 + A1:2009. Unit also complies with clearance and creepage distance requirements of standard EN 61558-2-16:2009 + A1:2013.

- **TRACO POWER models TCL024-1aayz**

aa indicates output voltage (5 V, 12 V or 24 V).

y indicates the connector option.

z indicates the functional option.

Connector options are screw terminal (blank) or spring clamp (C) and functional options are parallel mode power supply (blank) and single mode power supply (H).

The standard model is a parallel mode screw terminal unit name is TCL024-124.

- **Manufacturers Model Reference 020PSM18byz**

b indicates output voltage (b is 1 for 5 V, 2 for 12V and 4 for 24V).

y indicates the connector option.

z indicates the functional option.

Connector options are screw terminal (blank) or spring clamp (C) and functional options are parallel mode power supply (blank) and single mode power supply (H).

The standard model is a parallel mode screw terminal unit name is TCL024-124.

Traco Reference	Manufacturers Model Reference	Unit Description
TCL024-105	020PSM181	Plug-in Connector and Parallel Mode (Standard)
TCL024-105H	020PSM181H	Plug-in Connector and Single Mode
TCL024-105C	020PSM181C	Spring-Clamp Connector and Parallel Mode
TCL024-105CH	020PSM181CH	Spring-Clamp Connector and Single Mode
TCL024-112	020PSM182	Plug-in Connector and Parallel Mode (Standard)

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TCL024-112H	020PSM182H	Plug-in Connector and Single Mode
TCL024-112C	020PSM182C	Spring-Clamp Connector and Parallel Mode
TCL024-112CH	020PSM182CH	Spring-Clamp Connector and Single Mode
TCL024-124	020PSM184	Plug-in Connector and Parallel Mode (Standard)
TCL024-124C	020PSM184C	Spring-Clamp Connector and Parallel Mode
TCL24-124H	020PSM184H	Plug-in Connector and Single Mode
TCL024-124CH	020PSM184CH	Spring-Clamp Connector and Single Mode

Ratings:

Input: 100 – 240 Vac; 50/60 Hz;

0,7 – 0,4 A; (24V and 12V models)

0,6 – 0,3 A; (5V model)

(Alternate input voltage: 85 – 250 Vdc)

Output: 5 Vdc; 4 A; 20 W (5V model)

12 Vdc; 2 A; 24 W (12V model)

24 Vdc; 1 A; 24 W (24V model)

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 007/069«

Limitation:

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Date: 2020-08-04

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