



Certificate of Compliance

Certificate: 2669412

Master Contract: 203213

Project: 80143943

Date Issued: 2023-02-21

Issued To: Fronius International GmbH
Guenter Fronius Strasse 1
Wels-Thalheim, Upper Austria, 4600
Austria

Attention: Josef Feichtinger

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Issued by: *Alessandro Raspatelli*
Alessandro Raspatelli



PRODUCTS

CLASS - C561103 - WELDING MACHINES Welding Machines

CLASS - C561183 - WELDING MACHINES Certified to US Standards

PART A:

Model TPS 320i C (/nc) followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 460V, 18A(max.), 11A(eff.) / 400V, 20A (max), 13A(eff.); 3 phase, 50 or 60Hz;

Output: 25.0V, 220Adc, 100% Duty Cycle; 27.0V, 260Adc, 60% Duty Cycle; 30.0V, 320Adc, 40% Duty Cycle,

Max. OCV: 82Vpeak

IP-23

PART B:



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Model TPS 320i C (/S/nc) followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 575V, 16A(max.), 11A(eff.) / 460V, 19A(max), 12A(eff.); 3 phase, 50 or 60Hz;

Output: 25.0V, 220Adc, 100% Duty Cycle; 27.0V, 260Adc, 60% Duty Cycle; 30.0V, 320Adc, 40% Duty Cycle,
Max. OCV: 85Vpeak; IP-23

PART C:

PART C1:

Model TPS 320i C (/MV/nc) followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 460V, 18A(max.), 11A(eff.) / 230V, 31A(max), 20A(eff.); 3 phase, 50 or 60Hz;

Output: 25.0V, 220Adc, 100% Duty Cycle; 27.0V, 260Adc, 60% Duty Cycle; 30.0V, 320Adc, 40% Duty Cycle.,
Max. OCV: 82Vpeak
IP-23

PART C2:

Alternate construction:

Model TPS 320i C (/MV/nc) followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 460V, 20A(max.), 13A(eff.) / 230V, 33A(max), 21A(eff.); 3 phase, 50 or 60Hz;

Output: 25.0V, 220Adc, 100% Duty Cycle; 27.0V, 260Adc, 60% Duty Cycle; 30.0V, 320Adc, 40% Duty Cycle.,
Max. OCV: 82Vpeak
IP-23

PART D: ACCESSORIES for Model “TPS 320i C”:

RC Panel Basic, RC Panel Standard and AI IO/i: Remote control units employed in conjunction with power sources, Supply Voltage 24V.

PART E:

Model TPS 270i C (/nc) {Alternate Name: **PROTON MIG PULS+ 270i C (/nc)** or **VW AG/VAS 821 001/MIG270i**} followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 460V, 14A (max.), 9A (eff.) / 400V, 16A (max), 10A (eff.); 3 phase, 50 or 60Hz;

Output: 23.5V, 190Adc, 100% Duty Cycle; 25.0V, 220Adc, 60% Duty Cycle; 27.5V, 270Adc, 40% Duty Cycle,
Max. OCV: 66Vpeak
IP-23

PART F:

Model TPS 270i C (S/nc) {Alternate Name: **PROTON MIG PULS+ 270i C (/S/nc)**} followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 575V, 12A (max.), 8A (eff.) / 460V, 15A (max), 10A (eff.); 3 phase, 50 or 60Hz;

Output: 23.5V, 190Adc, 100% Duty Cycle; 25.0V, 220Adc, 60% Duty Cycle; 27.5V, 270Adc, 40% Duty Cycle,



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Max. OCV: 68Vpeak
IP-23

PART G:

Model TPS 270i C (MV/nc) {Alternate Name: **PROTON MIG PULS+ 270i C (/MV/nc)** or **VW AG/VAS 821 001/MIG270i /MV**} followed by suffixes, inverter type welding power sources, for MIG/MAG, TIG and Rod Electrode welding processes, rated as follows:

Input: 460V, 14A (max.), 9A (eff.) / 230V, 24A (max), 16A (eff.); 3 phase, 50 or 60Hz;

Output: 23.5V, 190Adc, 100% Duty Cycle; 25.0V, 220Adc, 60% Duty Cycle; 27.5V, 270Adc, 40% Duty Cycle,

Max. OCV: 66Vpeak

IP-23

NOTE:

- The installation of equipment not provided with power plug and cord is subject to Approval of the Local Inspection Authority.

APPLICABLE REQUIREMENTS

CSA C22.2 No. 60974-1:19

-Arc welding equipment — Part 1: Welding power sources (IEC 60974-1:2017, MOD)

ANSI/NEMA/IEC 60974-1:2019
CAN/CSA-E60974-5-09 (R2018)

Arc Welding Equipment Part 1: Welding Power Sources
-Arc welding equipment — Part 5: Wire feeders (IEC 60974-5:2007, MOD)

ANSI/NEMA/IEC 60974-5:2019

-Arc Welding Equipment Part 5: Wire feeders

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where applicable, in accordance with the requirements of those authorities.

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

The manufacturer is required to apply the following markings:

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Nameplate adhesive label material approval information:

Rating plate Material is 3MTM 7872EC cURus (File Number MH18072)

- An adhesive "Accepted" nameplate is located in a visible place and includes the following information printed in a legible manner on the Power Source (See Ill. 1 to 3 and 26 to 28). See Ill. 26a and 27b for alternate Rating plate with new Name.

- The manufacturer's trade mark "FRONIUS" and/or "203213" near the CSA mark.
- The CSA mark and, at the manufacturer's option, "C_US" or "US" indicators adjacent to the CSA mark.
- Electrical rating: volts, hertz, amperes, and number of phases.
- The model designation, and output electrical rating as applicable: volts, amperes, duty cycle and maximum open circuit volts.

See Ill. 21, 36 and 36a for Control Panel.

Additional Markings:

The date of the manufacture is traceable through a date-coded serial number.

The polarity of the output terminals is marked.

The "ON" and "OFF" positions of the power switch shall be marked (I-O, ON-OFF, etc.)

The following warning label appear on the enclosure front or top (also See Ill. 4 for warning labels).
See Ill. 4a for an alternate warning label.

An instruction manual is provided with each machine shipped that includes the safe installation and usage of the equipment and includes the information in Standard CAN/CSA E60974-1 and references CSA Standards W117.2, ANSI Standard Z49.1 as applicable for each machine (See 2669412 Att4 Appendix-A for Operating Manual). Additional safety markings/symbols are provided in a location clearly visible to the operator (see Ill. 4). A detailed explanation of symbols is also provided in both English and French versions of the operating manuals. Input power connections of the replacement cord, including ground are labeled adjacent to the input terminal.

Notes:

Products certified under Class C561103 have been certified under CSA's ISO/IEC 17065 accreditation with the Standards Council of Canada (SCC). www.scc.ca

