



Certificate of Compliance

Certificate: 1862457

Master Contract: 180267

Project: 80029031

Date Issued: November 2, 2020

Issued to: Bartec GmbH
Max-Eyth-Str 16
Bad Mergentheim, Baden-Württemberg 97980
Germany
Attention: Mr. Ulrich Mann

The products listed below are eligible to bear the CSA Mark shown



Issued by: *Doug Hawkes*

Doug Hawkes

PRODUCTS

Class 2872 01 - HEATERS - Cable and Cable Sets

Class 2872 81 - HEATERS - Cable and Cable Sets - Certified to US Standards

Class 2878 01 - HEATERS - Cable and Cable Sets - For Hazardous Locations

Class 2878 81 - HEATERS - Cable and Cable Sets - For Hazardous Locations - Certified to US Standards

Trace Heating Systems/Sets comprised of the heating cables and kits listed below.



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Class 2872 01 - HEATERS - Cable and Cable Sets
Class 2872 81 - HEATERS - Cable and Cable Sets - Certified to US Standards

Ordinary Locations:

Self-Regulating Trace Heating Systems, for Pipe and vessel tracing usages/applications, "-G " and "-W"

Series / Cat No.	Voltage (max. circuit size, A)	W/FT @ 50F/ @10°C (W/m)	Maximum Withstand Temp. °C (min. install. temp., °C)	Kits; Power connection and End Termination
07-5807-**** ST	120-240 (16)	3 - 10 (10 – 30)	85 (-20)	Heat Shrink Power Termination/In-line Splice Sets 27-59HO-2****/**** (PSK-S-A, TSK-S-A)

07-5853-**** PSB FT	120-277 (24)	3 – 10 (10 – 33)	85 (-20)	Heat Shrink Power Termination/In-line Splice Sets 27-59HZ-3****/**** (PSK-F-A, TSK-F-A)
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Self-Regulating Trace Heating Systems, for Pipe and vessel tracing applications, "-G " and "-WS"

Series / Cat No.	Voltage (max. circuit size, A)	W/FT @ 50F/ @10°C (W/m)	Maximum Withstand Temp. °C (min. install. temp., °C)	Kits; Power connection and End Termination
07-5807-**** ST	120-240 (16A)	3 - 10 (10 – 30)	85 (-40) (-20)	Power Termination Sets 27-59CO-2****/00** (Cat Nos. CAK) 27-59HO-2****/00** (Cat Nos. HSK)
07-5853-**** PSB FT	120-277 (32A)	3 - 10 (10 – 33)	85 (-40) (-20)	Power Termination Sets 27-59CO-3****/00** (Cat. Nos. CAK) 27-59HO-3****/00** (Cat. Nos. HSK);



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	120-240 (16A)		(-40)	Power Termination/In-line Splice/End Termination Set Twisto Sets 27-56N*-DC**/**** (Cat. Nos. Twisto/N-B)
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07-5854-**** MSB MT	120-277 (32A)	3 - 20 (10 – 60)	130 (-40) (-40)	Power Termination Sets 27-59CO-5***/00** (Cat. Nos. CAK); 27-59HO-5***/00** (Cat. Nos. HSK);
07-5803-**** HSB PT	120-240 (32A)	3 - 20 (10 – 60)	200 (-40) (-40)	Power Termination Sets 27-59CO-5***/00**, (Cat. Nos. CAK); 27-59HO-5***/00** (Cat. Nos. HSK);

Class 2878 01 - HEATERS - Cable and Cable Sets - For Hazardous Locations

Class 2878 81 - HEATERS - Cable and Cable Sets - For Hazardous Locations - Certified to US Standards

Hazardous Locations:

Class I, Div. 2, Groups A, B, C, D; Class II, Div. 2, Groups E, F, G; Class III

Self-Regulating Trace Heating Systems, for Pipe and vessel tracing usages/applications, "-G " and "-W"

Series / Cat No.	Voltage (max. circuit size, A)	W/FT @ 50F/ @10°C (W/m)	Maximum Withstand Temp. °C / T- code (min. install. temp., °C)	Kits; Power connection and End Termination
07-5853-**** PSB	120-277 (24A)	3 - 10 (10 – 33)	85 / T6 to T5 (-20)	Heat Shrink Power Termination/In-line Splice Sets 27-59HZ-3***/**** (TSK-F-A)

Self-Regulating Trace Heating Systems, for Pipe and vessel tracing applications, "-G " and "-WS"



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Series / Cat No.	Voltage	W/FT @ 50F/ @ 10°C (W/m)	Maximum Withstand Temperature °C / T-code (min. install. temp., °C)	Kits; Power connection and End Termination
07-5853-**** PSB	120-277 (32A)	3 - 10 (10 – 33)	85 / T6 to T5 (-40) (-40)	Power Termination Sets 27-59CZ-3***/00** 27-59CZ-7***/00** 27-59CZ-9***/00** (Cat. Nos. CAK) 27-59HZ-3***/00** (Cat. Nos. HSK) Enclosure Sets 27-54P1-4***/**** 27-54P2-4***/****, 27-5461-4***/**** 27-5462-4***/**** (Cat. Nos. PBS, PBM) Lighted End Termination 27-54E1-4***/**** 27-54E2-4***/**** (Cat. No. ELL)

07-5854-**** MSB	120-277 (32A)	3 - 20 (10 – 60)	130 / T4 to T3 (-40) (-40)	Power Termination Sets 27-59CZ-5***/00** 27-59CZ-7***/00** 27-59CZ-9***/00** (Cat. Nos. CAK) 27-59HZ-5***/00** (Cat. Nos. HSK) Enclosure Sets 27-54P1-4***/**** 27-54P2-4***/**** 27-5461-4***/**** 27-5462-4***/**** (Cat. Nos. PBS, PBM) Lighted End Termination Sets 27-54E1-4***/****
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			(-40)	27-54E2-4***/**** (Cat. No ELL)
07-5803-**** HSB	120-240 (32A)	3 - 20 (10 – 60)	200 / T4 to T3 (-40) (-40) (-40)	Power Termination Sets 27-59CZ-5***/00** 27-59CZ-7***/00** 27-59CZ-9***/00** (Cat. Nos. CAK) 27-59HZ-5***/00** (Cat. Nos. HSK) Enclosure Sets 27-54P1-4***/**** 27-54P2-4***/**** 27-5461-4***/**** 27-5462-4***/**** (Cat. Nos. PBS, PBM) Lighted End Termination Sets 27-54E1-4***/**** 27-54E2-4***/**** (Cat. No ELL)

Notes:

1. Installation in accordance with the Canadian Electrical Code Part I (CEC Part I) or National Electrical Code (NEC) as applicable.
2. Ordinary Locations Heating Cable Sets, using Type FT15, heating cables are also suitable for roof and gutter applications with restrictions.
3. Installations using the following NPT ½” cable glands kits CAK or HSK in ordinary locations use a Certified enclosure – see Installation Instructions.

APPLICABLE REQUIREMENTS

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|-----------------------------------|---|---|
| CAN/CSA-C22.2 No 130-16 | - | Requirements for Resistance Heating Cables and Heating Device Sets (updates 1 and 2) |
| IEEE 515.1-2012 | - | Standard for Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Commercial Applications |
| IEEE 515 –2017 | - | Standard for Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Industrial Applications |
| CAN/CSA C22.2 No. 60079-30-1:17 | - | Explosive atmospheres — Part 30-1: Electrical resistance trace heating — General and testing requirements |
| IEC/IEEE 60079-30-1 (Ed. 1, 2015) | - | Explosive atmospheres – Part 30-1: Electrical resistance trace heating – General and testing requirements |



Supplement to Certificate of Compliance

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The products listed, including the latest revision described below, are eligible to be marked in accordance with the referenced Certificate.

Product Certification History

Project	Date	Description
80029031	2020-11-02	Update to the requirements of CSA Std. C22.2 No. 130-16 (CSA Notice, Wiring Devices No. 111).
70166329	2017-12-7	Addition of alternate PSB junction box construction (PBS-200-A/A10).
70099441	2016-09-30	Addition of "DESTU" stand-off in kits.
70046426	2016-05-19	Addition of "TWISTO" kits.
70054898	2015-12-31	Consolidation of report 1997433 into this report, and clarification of nomenclature.
2006141	2009-01-22	Addition of 4X for enclosures.
1935215	2008-02-26	Addition of "C/US".
1862457	2007-07-17	Original Certification.