



# Certificate of Compliance

**Certificate:** 1862457 (085562\_0\_000)

**Master Contract:** 180267

**Project:** 70099441

**Date Issued:** 2016-09-30

**Issued to:** BARTEC GmbH  
Max-Eyth-Str 16  
Bad Mergentheim, 97980  
GERMANY  
Attention: Tobias Dold

*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:** *Douglas Hawkes*  
Douglas Hawkes

## PRODUCTS

**CLASS - C287201 - HEATERS-Cable and Cable Sets**

**CLASS - C287281 - HEATERS-Cable and Cable Sets - Certified to US Standards**

**CLASS - C287801 - HEATERS-Cable and Cable Sets - For Hazardous Locations**

**CLASS - C287881 - HEATERS-Cable and Cable Sets-For Hazardous Locations-Certified to U.S. Standards**

For details related to rating, size, configuration, etc. reference should be made to the CSA Certification Record or the descriptive report.

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



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**CLASS - C287201 - HEATERS-Cable and Cable Sets**  
**CLASS - C287281 - HEATERS-Cable and Cable Sets - Certified to US Standards**

Ordinary Locations:

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

Series / Cat No.	Voltage	W/FT at 50F (10°C)	Temp Rating °C	Kits; Power connection and End Termination	Optional Kits
07-5807-**** PSBL ST AKO-LL	120-240	3 to 10	65	<b>Cold Applied Sets</b> 27-59CO-2****/****, (Cat Nos. PSBL-C; AKO-LL-ICPE); <b>Heat Shrink Sets</b> 27-59HO-2****/****, (Cat Nos. PSBL-H; AKO-LL-ICPE)	
07-5801-**** PSB FT AKO-LT	120-240	3 to 10	65	<b>Cold Applied Sets</b> 27-59CO-3****/****, (Cat. Nos. PSB-C; AKO-LT-ICPE); <b>Heat Shrink Sets</b> 27-59HO-3****/****, (Cat. Nos. PSB-H; AKO-LT-ICPE); <b>Twisto Sets</b> 27-56N*-DC**/**** (Cat. Nos. Twisto/N-B)	<b>JB 07-5177-****;</b> <b>Silicone Set</b> Cat. No. 05- 0091-0128; <b>Heat Shrink Set</b> Cat. No. 05-0091-0126
07-5803-**** HSB PT AKO-HT	120-240	3 to 20	120	<b>Cold Applied Sets</b> 27-59CO-5****/****, (Cat. Nos. HSB-C; AKO-HT-ICPE); <b>Heat Shrink Sets</b> 27-59HO-5****/****, (Cat. Nos. HSB-H; AKO-HT-ICPE);	<b>JB 07-5177-****;</b> <b>Silicone Set</b> 05-0091- 0127; <b>Heat Shrink Set</b> 05-0091- 0125



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**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 Heating cable Systems, for Pipe and vessel tracing applications, "-G " and "-WS"

Series / Cat No.	Voltage	W/FT at 50F (10°C)	Temp Rating °C	Kits; Power connection and End Termination	Optional Accessories
07-5807-**** PSBL ST AKO-LL	120-240	3 to 10	65	<b>Cold Applied Sets</b> 27-59CZ-2***/* (Cat. Nos. PSBL-C; AKO-LL-ICPE); <b>Heat Shrink Sets</b> 27-59HZ-2***/* (Cat. Nos. PSBL-H; AKO-LL-ICPE); <b>Power Box Sets</b> 27-54P1-4***/* 27-5462-***/* <b>End of Line Lamp Sets</b> 27-54E1-4***/*	
07-5801-**** PSB FT AKO-LT	120-240	3 to 10	65	<b>Cold Applied Sets</b> 27-59CZ-3***/* 27-59CZ-7***/* (Cat. Nos. PSB-C; AKO-LT-ICPE); <b>Heat Shrink Sets</b> 27-59HZ-3***/* 27-59HZ-7***/* (Cat. Nos. PSB-H; AKO-LT-ICPE); <b>Power Box Sets</b> 27-54P1-4***/* 27-5462-***/* <b>End of Line Lamp Sets</b> 27-54E1-4***/*	<b>JB 07-5103-****</b> , (Cat Nos. AKO-PBS; AKO-PBM); <b>Silicone Set 05-0091-0128</b> ; <b>Heat Shrink Set 05-0091-0126</b> <b>Off pipe cable gland kit and end seal</b> CAK-PH-A <b>On pipe cable gland kit and end seal</b> CAK-D5-A
07-5803-**** HSB PT AKO-HT	120-240	3 to 20	120	<b>Cold Applied Sets</b> 27-59CZ-5***/* 27-59CZ-7***/* (Cat. Nos. HSB-C; AKO-HT-ICPE); <b>Heat Shrink Sets</b> 27-59HZ-5***/* 27-59HZ-7***/*	<b>JB 07-5103-****</b> , (Cat Nos. AKO-PBS; AKO-PBM); <b>Silicone Set Cat. No. 05-0091-0127</b> ; <b>Heat Shrink Set Cat. No. 05-0091-0125</b>



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				(Cat. Nos. HSB-H; AKO-HT-ICPE); <b>Power Box Sets</b> 27-54P1-4***/****, 27-5462-****/****, <b>End of Line Lamp Sets</b> 27-54E1-4***/****	<b>Off pipe cable gland kit and end seal</b> CAK-PH-A <b>On pipe cable gland kit and end seal</b> CAK-D5-A
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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 ST, FT, or PT heating cables are also suitable for roof and gutter applications with restrictions (the power output shall be such that the maximum sheath temperature of the heating cable does not exceed the maximum exposure temperature of any material that the sheath may come into contact with when installed).
3. The manufacturer's declared minimum installation temperature is -55C (For 07-5807 & 07-5801) and -60C (For 07-5803), and TWISTO kits have a minimum installation temperature of -40C
4. Max. circuit size for 07-5807-series is 16A.
5. Max. circuit size for 07-5801 and 07-5803-series is 32A.

**APPLICABLE REQUIREMENTS**

CAN/CSA-C22.2 No 130-03	-	Requirements for Resistance Heating Cables and Heating Device Sets
IEEE 515.1-2012	-	Standard for Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Commercial Applications
IEEE 515 -2011	-	Standard for Testing, Design, Installation, and Maintenance of Electrical Resistance Heat Tracing for Industrial Applications



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## *Supplement to Certificate of Compliance*

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

### **Product Certification History**

<b>Project</b>	<b>Date</b>	<b>Description</b>
70099441	2016-09-30	Addition of "Destu" as an optional stand-off (incorporated in kits).
70046426	2016-05-19	Addition of TWISTO heating cable set kit (ordinary locations only) for use with the following heating cables PSB, FT, and AKO-LT.
70054898	2015-12-31	Revision covers: a) consolidation of report 1997433 into this report, b) clarification of nomenclature for Certified product, c) addition of NPT Certified threaded glands for ordinary locations installations, d) Specification Sheet (for North America) revision to breaker sizing, e) Enclosure options for ordinary locations, and f) editorial change to denote past change in manufacturing location)
2006141	2009-01-22	Revision to previously certified heating cable systems to include heat shrink system
1935215	2008-02-26	CSA "C/US" Certification
1862457	2007-07-17	Self-regulating heating cable systems