

# ELL/ELS Above Insulation End Seal



- Build size allows up to 4 inches of thermal insulation
- On pipe and Off pipe mounts available
- Power and end termination kit (CAK or HSK) included

## ELL End of Line Light

Above insulation end seal kit with integrated red LED indication light. Designed to terminate one BARTEC parallel heating cable. One CAK cold applied kit for self-regulating Cables or one HSK heat shrink kit for BPL-AL cable is included in every ELL kit.

**ELL-200-A** for self-regulating heating cables - PSB, MSB, HSB  
On pipe stand

**ELL-220-A** for parallel constant wattage cable - BPL-AL  
On pipe stand

**ELL-300-A** for self-regulating heating cables  
Off pipe stand

## ELS End of Line Seal

Above insulation end seal kit, projecting through the thermal insulation and cladding for easy maintenance. Designed to terminate one BARTEC parallel heating cable.

**ELS-200** for self-regulating heating cables - PSB, MSB, HSB  
On pipe stand



## Explosion protection System

Marking	Class I, Div. 2, Groups A, B, C, D Class II, Div. 2, Groups E, F, G Class III
Certification	CSA 1862457

## Explosion protection Box

Marking	Class I, Div. 2, Groups A, B, C, D Class II, Div. 2, Groups E, F, G Class III
Certification	ELL-200-A: CSA 1862457 ELL-220-A: CSA 2515401

## Explosion protection Connection kit

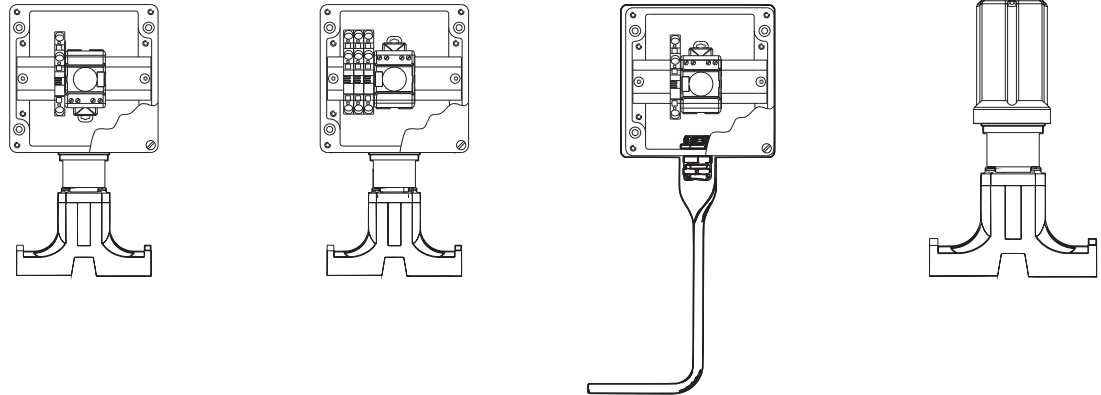
Marking	Class I, Div. 2, Groups A, B, C, D Class II, Div. 2, Groups E, F, G Class III
Certification	ELL-200-A: CSA 1862457 ELL-220-A: FM 3009080

Other approvals see [www.bartec.de](http://www.bartec.de)

## Technical data

Protection class	Type 4X / IP 66
Min. ambient temperature	-67 °F (-55 °C)
Max. ambient temperature	depends on the type of heating cable
Storage temperature	-67 °F to +149 °F (-55 °C to +65 °C)
Max Pipe temperature	+464 °F (+240 °C) (ELL-2*0-A, ELS-200-A) +482 °F (+250 °C) (all other parts)
Material	Enclosure: Polyester, glass fiber reinforced Stand: PPS, glass fiber reinforced Terminals: Ex e, Spring Type, 8 AWG Power Entry Conduit hole, depending on type

## Ordering information



	ELL-200-A	ELL-220-A	ELL-300-A	ELS-200
Kit contains	<ul style="list-style-type: none"> <li>1 junction box with ComEx light (red) and mounting stand</li> <li>1 cold applied kit and RTV</li> <li>1 green/yellow tube</li> <li>2 cable grommet</li> </ul>	<ul style="list-style-type: none"> <li>1 junction box with ComEx light (red) and mounting stand</li> <li>1 heat shrink kit set</li> <li>1 green/yellow tube</li> <li>1 cable grommet and 1 plug</li> </ul>	<ul style="list-style-type: none"> <li>1 junction box with ComEx light (red), plate and stand</li> <li>1 cold applied kit and RTV</li> <li>1 green/yellow tube</li> <li>1 cable gland with grommet</li> </ul>	<ul style="list-style-type: none"> <li>stand assembly</li> <li>1 end seal and RTV</li> <li>2 cable grommet</li> </ul>
Compatible cable series:	PSB, MSB, HSB	BPL	PSB, MSB, HSB	PSB, MSB, HSB
Box size	4.7 x 4.7 x 3.5 in (122 x 120 x 90 mm)	4.7 x 4.7 x 3.5 in (122 x 120 x 90 mm)	4.7 x 4.7 x 3.5 in (122 x 120 x 90 mm)	Ø 1 3/4 x 4 in (Ø 45 x 100 mm)
Protection class	Type 4X	Type 4X	Type 4X	IP66 (EN 60529)
Heating cable entry	1 x grommet	1 x grommet	1 x M20 cable gland	1 x grommet
Box support	On pipe stand	On pipe stand Off pipe stand bracket available	On pipe stand and Off pipe mount	On pipe stand
Terminals	Screw terminals, Ex e, 1 phase, 1 neutral, 1 ground, 14 AWG	cage clamps, Ex e, 1 phase, 1 neutral, 1 ground, 10 AWG	Screw terminals, Ex e, 1 phase, 1 neutral, 1 ground, 14 AWG	
Order Codes	<b>27-54E1-4212/F010</b>	<b>27-54E1-4212/F01A</b>	<b>27-54E1-4211/F010</b>	<b>27-54E2-AA12/A000</b>

### Cold applied kits, explosion protected, with heating cable grommets

#### CAK-SRS

cold applied kit, for ELL-200-A for self-regulating heating cables PSB, MSB, HSB

**27-59CX-7C01/0001**

#### CAK-SRG

cold applied kit, for ELL-300-A for self-regulating heating cables PSB, MSB, HSB

**27-59CX-7301/0001**

#### HSK-PLS

heat shrink, for ELL-220-A for parallel constant wattage cable BPL-AL

**27-59HZ-7C01/0001**

#### ELL-OPA

bracket, for ELL-200-A for self-regulating heating cables PSB, MSB, HSB  
bracket, for ELL-220-A for parallel constant wattage cable BPL-AL

**05-0105-0436**

#### BARTEC GmbH

Max-Eyth-Str. 16  
97980 Bad Mergentheim, Germany  
Tel.: +49 7931 597-0  
Mail: info@bartec.com  
Web: bartec.com

#### BARTEC US Corporation

650 Century Plaza Drive, Suite D120  
USA - Houston, Texas 77073  
Tel.: +1(-281)-214-8542  
Fax: +1(-281)-214-8547  
Mail: info@bartecus.com