

# TL810K01

## ABB Ability™ System 800xA® hardware selector



Select I/O is an Ethernet networked, single channel granular I/O system for the ABB Ability™ System 800xA automation platform. Select I/O helps decouple project tasks, minimizes the impact of late changes and supports standardization of I/O cabinetry ensuring automation projects are delivered on-time and under budget. A Signal Conditioning Module (SCM) performs the necessary signal conditioning and powering of the connected field device for one I/O channel.

Empty slot protector for a Fieldbus Communication Interface slot on the Ethernet FCI Module Termination Unit. 10 pieces per package.

### Features and benefits

- Empty slot protector for a Fieldbus Communication Interface slot on the Ethernet FCI Module Termination Unit

| General info   |                              |
|----------------|------------------------------|
| Article number | 3BSE088170R1                 |
| Type           | Empty slot protector for FCI |
| Hot swap       | Yes                          |
| Mechanics      | Select I/O                   |

| Detailed data                            |  |
|--|--|
| Installation in Hazardous Area/Locations | ATEX – II 3G Ex nA/eC IIC T4 Gc<br>Class I, Zone 2, IIC T4<br>Class I, Div 2, Groups A, B, C, D T4<br>Non-arcing field wiring acc. to Division model |

## Environment and certification

|                                 |  |
|---------------------------------|--|
| Temperature, Operating          | -40°C (-40°F) to +70°C (158°F)   |
| Temperature, Storage            | -40°C (-40°F) to +85°C (185°F)   |
| Pollution degree                | Pollution Degree 2 acc. to IEC 60664-1                                     |
| Relative humidity               | 5 to 95 % no condensation  |
| Altitude                        | -1000 to 3000 m, (-100 ... 2000 m for Zone 2/Class I Div 2)                |
| Mechanical operating conditions | IEC 61131-2  |
| EMC                             | IEC/EN 61000-6-4, IEC/EN 61000-6-2   |
| Overvoltage categories          | Category II, IEC 60664-1   |
| Protection class                | IP20 according to IEC 60529  |
| CE-marking                      | Yes  |
| Electrical Safety               | IEC/EN 61010-1, IEC 61010-2-201, UL 61010-2-201, CSA C22.2 No. 61010-2-201 |
| Hazardous Area                  | EN 60079-0, EN60079-7, EN60079-15, UL 12.12.01 / CSA C22.2 No. 213-17      |
| Marine certification            | ABS  |
| Corrosive atmosphere            | G3 (ISA-S71.04)  |
| RoHS compliance                 | DIRECTIVE/2011/65/EU (EN 50581:2012)                                       |
| WEEE compliance                 | DIRECTIVE/2012/19/EU   |

## Dimensions

|                         |                     |
|-------------------------|---------------------|
| Width                   | 134.5 mm (5.30 in.) |
| Depth                   | 38.5 mm (1.52 in.)  |
| Height                  | 29 mm (1.14 in.)    |
| Weight (including base) | 35.5 g (0.07 lbs)   |

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