

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 Class I, Zone 2, IIC T4 Class I, Div 2, Groups A, B, C, D T4 Non-arcng 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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