

TUW890

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.

The TUW890 is a separator wall used in IS applications. Specifically, this wall is for added protection and placed between Select I/O MTUs having intrinsically safe SCMs and Select I/O MTUs that include non-IS SCMs. (10 pieces of TUW890 per package)

Features and benefits

- IS Separator for I/O MTU (IS-wall)
- Usable between I/O MTU with (blue) intrinsically safe and (grey) non-intrinsically safe FTB
- Can be used in hazardous areas

| General info | |
|------------------|--------------------------|
| Article number | 3BSE093009R1 |
| Type | IS Separator for I/O MTU |
| Intrinsic safety | Yes |
| Mechanics | Select I/O |

| 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 |
| 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 | 110 mm (4.33 in.) |
| Depth | 135 mm (5.31 in.) |
| Height | 0.6 mm (0.02 in.) |
| Weight (including base) | 9 g (0.01 lbs) |

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