

# TB806

## ABB Ability™ System 800xA® hardware selector



The TB806 ModuleBus Cable Adaptor is used together with TB805 and TK801V0xx to extend the ModuleBus. Using this extension I/O modules on the same electrical ModuleBus can be mounted on different DIN rails. TB806 can also be used together with TB842 to provide an optical extension of the ModuleBus.

| General info   |              |
|----------------|--------------|
| Article number | 3BSE008536R1 |
| Mechanics      | S800         |

| Environment and certification   |   |
|---------------------------------|---|
| CE mark                         | Yes   |
| Electrical safety               | IEC 61131-2, UL 61010-1, UL 61010-2-201   |
| Hazardous Location              | C1 Div 2 cULus, C1 Zone 2 cULus, ATEX Zone 2                                      |
| Marine certification            | ABS, BV, DNV, LR  |
| Temperature, Operating          | 0 to +55 °C (Storage -25 to +70 °C), RH=5 to 95 % no condensation, IEC/EN 61131-2 |
| Pollution degree                | Degree 2, IEC 60664-1   |
| Corrosion protection            | ISA-S71.04: G3  |
| Protection class                | IP20 according to IEC 60529   |
| Mechanical operating conditions | IEC 61131-2   |
| EMC                             | EN 61000-6-4 and EN 61000-6-2   |
| Overvoltage categories          | IEC/EN 60664-1  |
| Equipment class                 | Class I according to IEC 61140; (earth protected)                                 |
| RoHS compliance                 | Directive 2011/65/EU (EN 50581:2012)  |
| WEEE compliance                 | DIRECTIVE/2012/19/EU  |

| Dimensions |        |
|------------|--------|
| Width      | 22 mm  |
| Depth      | 25 mm  |
| Height     | 109 mm |
| Weight     | 46 g   |

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