

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 |

solutions.abb/800xA
solutions.abb/controlsystems

800xA and Symphony Plus is a registered trademark of ABB. All rights to other trademarks reside with their respective owners.

We reserve the right to make technical changes to the products or modify the contents of this document without prior notice. With regard to purchase orders, the agreed particulars shall prevail. ABB does not assume any responsibility for any errors or incomplete information in this document.

We reserve all rights to this document and the items and images it contains. The reproduction, disclosure to third parties or the use of the content of this document – including parts thereof – are prohibited without ABB's prior written permission.

Copyright© 2025 ABB All rights reserved