ABB ABB Series Service Manual

TB846

1. Description

ABB 3BSE021439R1 TB846 Dual Modulebus Inlet Module

3. Product Information

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The TB846 redundant ModuleBus Cable Adaptor is used together with TB845 and two TK801V0xx to extend the ModuleBus. Using this extension I/O modules on the same electrical ModuleBus can be mounted on different DIN rails. TB846 can also be used together with TB842 to provide an optical extension of the ModuleBus.

General info

Article number 3BSE021439R1

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 EU RoHS, UAE RoHS, CN RoHS

WEEE compliance DIRECTIVE/2012/19/EU

Dimensions

Width 43 mm

Depth 31.5 mm

Height 186 mm

Weight 180 g