

TU807

System 800xA hardware selector



The TU807 is a module termination unit (MTU) for single configuration of Optical ModuleBus Modem TB840/TB840A. The MTU is a passive unit having connections for power supply, a single electrical ModuleBus, one TB840/TB840A and a rotary switch for cluster address (1 to 7) setting.

Features and benefits

- Support for single modulebus I/O Including 1 pcs of TB807
- A rotary switch for cluster address setting
- Mechanical keying prevents insertion of wrong module type
- Single ModuleBus connection
- Latching device to DIN rail for locking and grounding
- DIN rail mounted

General info	
Protocol	ABB's Modulebus
Article number	3BSE039025R1
Master or slave	Not Applicable
Hot Swap	Yes
Used together with HI Controller	No
Power input	24 V d.c. (19.2 - 30 V)
Mounting	Both directions

Detailed data

Connector	Terminal Block
ModuleBus current distribution	Maximum 5V 1.5 A 24V 1.5 A
Mechanical Keys	36 different combinations
Acceptable wire sizes	Solid: 0.2 - 2.5 mm ² Stranded: 0.2 - 2.5 mm ² , 24 - 12 AWG Recommended torque: 0.5 Nm
Rated insulation voltage	50 V
Dialectic test voltage	500 V a.c.

Environmental and certification

Temperature, Operating	55 °C
Equipment class	Class I according to IEC 60536; (earth protected)
Ingress protection	IP20 according to IEC 60529
CE- marking	Yes
Electrical Safety	cULus
Hazardous location	cULus Hazardous Location Class 1 Zone 2, ATEX Zone 2
RoHS compliance	EN 50581:2012

Dimensions

Height	186.5 mm (7.34") including latch
Width	59 mm (1.57")
Depth	47 mm (1.85")
Weight (including base)	0.45 kg (0.99 lbs.)

www.abb.com/800xA
www.abb.com/controlsystems

800xA is a registered or pending 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© 2017 ABB All rights reserved