S800 I/O

Product Data Sheet

TU849

Redundant modem termination unit

MODEM ARRANGEMENT	I/O BUS ARRANGEMENT	POWER ARRANGEMENT	RATED SUPPLY
Redundant TB840/TB840A pair	**Single electrical ModuleBus**	**Dual power inputs**	**24 V DC**

ABB TU849 is an S800 termination unit for a redundant pair of TB840 or TB840A optical ModuleBus modems connected to a single electrical I/O bus. It provides dual 24 V DC power inputs for the documented modem arrangement.

01 TECHNICAL DATA

Modem arrangement	Redundant TB840/TB840A pair
I/O bus arrangement	Single electrical ModuleBus
Power arrangement	Dual power inputs
Rated supply	24 V DC
Permitted supply range	19.2-30 V DC
5 V bus current distribution	Maximum 1.5 A
24 V bus current distribution	Maximum 1.5 A
Mechanical coding	36 combinations
Wire cross-section	0.2-2.5 mm2
Terminal torque	0.5 Nm

ABB Compact Product Suite Catalog 3BSE062980; exact-model ABB hardware-selector specifications

02 ADDITIONAL PRODUCT DATA

Rated insulation voltage	50 V
Dielectric test voltage	500 V AC
Power dissipation	2.5 W
Hot swap	Not supported
Ingress protection	IP20

03 PRODUCT FUNCTION

The passive termination assembly distributes power and ModuleBus connections, provides mechanical coding, and permits cluster-address selection. It is intended for redundant modems with single I/O and must be distinguished from the TU848 redundant-I/O arrangement.

04 SYSTEM COMPATIBILITY

The passive termination assembly distributes power and ModuleBus connections, provides mechanical coding, and permits cluster-address selection. It is intended for redundant modems with single I/O and must be distinguished from the TU848 redundant-I/O arrangement.

05 REFERENCE

ABB Compact Product Suite Catalog 3BSE062980; exact-model ABB hardware-selector specifications

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