S800 I/O

Product Data Sheet

TU839

Extended module termination unit

MAXIMUM I/O CHANNELS	MAXIMUM CHANNEL VOLTAGE	MAXIMUM CHANNEL CURRENT	PROCESS TERMINALS
8	**250 V**	**1 A**	**28**

ABB TU839 is an extended S800 module termination unit for DI820, DI821 and DI825 input modules. It provides eight I/O channel connections with a maximum 250 V channel voltage and a maximum 1 A per channel.

01 TECHNICAL DATA

Maximum I/O channels	8
Maximum channel voltage	250 V
Maximum channel current	1 A
Maximum process connection current	10 A
Process terminals	28
Process power groups	2 groups, 0.2 A fused
Wire cross-section	0.2-2.5 mm2
Terminal tightening torque	0.5 Nm
Channel-to-ground test	2300 V AC
Channel-to-channel test	1350 V AC

02 ADDITIONAL PRODUCT DATA

Supported input modules	DI820, DI821 and DI825
Mounting orientation	Horizontal or vertical
Operating temperature	0 to +55 deg C
Relative humidity	5-95%, non-condensing
Ingress protection	IP20

03 PRODUCT FUNCTION

The unit contains 28 process terminals, including two fused process-power groups. Mechanical keying and the DIN-rail mounting arrangement maintain the correct module relationship, while the screw terminals accept the documented 0.2-2.5 mm2 conductors.

04 SYSTEM COMPATIBILITY

The unit contains 28 process terminals, including two fused process-power groups. Mechanical keying and the DIN-rail mounting arrangement maintain the correct module relationship, while the screw terminals accept the documented 0.2-2.5 mm2 conductors.

05 REFERENCE

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

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