MTL8000

Product Data Sheet

8115-DO-DC-01

8-channel DC output module

OUTPUT CHANNELS	OUTPUT VOLTAGE	ON-STATE VOLTAGE DROP	OFF-STATE LEAKAGE
8	**2-60 V DC**	**0.25 V maximum**	**1 mA maximum**

MTL 8115-DO-DC-01 is presented with the verified 8115-DO-DC family data for an eight-channel DC output module. The module operates with a 2-60 V DC field/output range and provides discrete output operation through the MTL8000 arrangement.

01 TECHNICAL DATA

Output channels	8
Output voltage	2-60 V DC
ON-state voltage drop	0.25 V maximum
OFF-state leakage	1 mA maximum
Continuous channel current	1 A maximum
Continuous module current	6 A maximum
100 ms surge rating	4 A per channel; 10 A total, for less than 100 ms
20 ms surge rating	6 A per channel; 18 A total, for less than 20 ms
Power-up state	Predefined
Failsafe state	Predefined or last state

02 ADDITIONAL PRODUCT DATA

Output operating modes	Discrete, momentary or continuous pulse
Pulse-width setting	2 ms to 130 s
Railbus-to-output latency	1 ms maximum
Railbus consumption	45 mA typical; 70 mA maximum at 12 V
Mechanical key code	B6

03 PRODUCT FUNCTION

The common specification permits 1 A continuously per channel and 6 A continuously per module, with separate short-duration surge limits. Predefined power-up and configurable failsafe states are supported. The complete -01 model marking is preserved without interpreting an undocumented revision or option.

04 SYSTEM COMPATIBILITY

Apply the 2-60 V DC output range and both continuous limits: 1 A per channel and 6 A per module. The 4 A/100 ms and 6 A/20 ms channel surge ratings have separate total-module limits and must not be treated as continuous current ratings.

05 REFERENCE

MTL8000 8115-DO-DC Digital Output Module Datasheet; common family characteristics, complete -01 identity retained.

AMIKON PRODUCT SUPPORT

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