

# 1792 ArmorBlock High Current

DeviceNet Digital Inputs and Outputs

## ArmorBlock



ArmorBlock High Current

### Features

- 5...10 amp solid-state outputs
- AutoBaud
- Selectable off-to-on or on-to-off input filters
- Inputs are configured for PNP (sourcing) or NPN (sinking) devices
- Point level diagnostics: output no load and short circuit/overcurrent
- Auxiliary power detection
- DeviceLogix™

### Specifications

	Inputs	Outputs
<b>Enclosure Type Rating</b>	IP 52, NEMA Type 5 and Type 12	
<b>Mounting Type</b>	Panel	
<b>Operating Voltage Range</b>	8...30V DC	10...30V DC
<b>Current, Off-State Input, Max</b>	1.2 mA	
<b>Operating Temperature—C (F)</b>	-20...60° (-4...140°)	
<b>Storage Temperature—C (F)</b>	-40...85° (-40...185°)	
<b>Relative Humidity</b>	5...95% noncondensing	
<b>Shock, Operating</b>	30 g peak acceleration 11 (± 1) ms pulse width	
<b>Shock, Nonoperating</b>	50 g peak acceleration, 11 (± 1) ms pulse width	
<b>Vibration</b>	10 g @ 10.500 Hz per IEC 68-2-6	
<b>Certifications</b>	CSA, CE, C-Tick, ODVA	
<b>Dimensions (HxWxD), Approx.</b>	67 x 197 x 78 mm (2.7 x 7.8 x 3.1 in)	
<b>Weight</b>	0.7 kg (1.5 lb)	

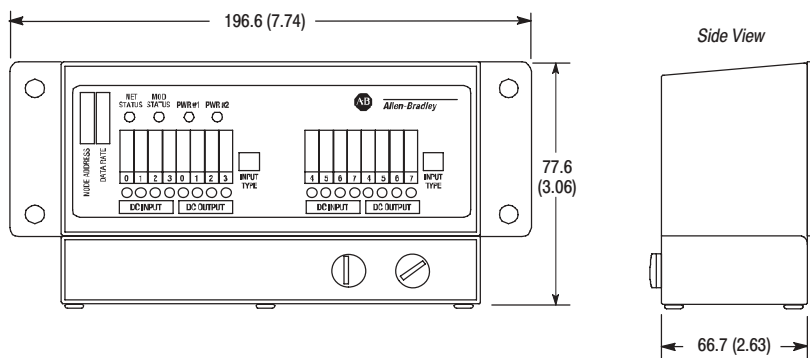
① When product is marked. See the Product Certification link at [www.ab.com](http://www.ab.com) for Declarations of Conformity, Certificates, and other certification details.

### Description

This 8 input/8output ArmorBlock module is capable of driving 5–10 amps per solid-state output, eliminating the need for interposing relays. These

modules communicate over DeviceNet using polled, cyclic or change-of-state messaging. Local control is accomplished through DeviceLogix™ Smart Component Technology.

### Dimensions—mm (in)



### Product Selection

Number of			Current			Diagnostics	Cat. No.
Inputs	Outputs	Connectors	Off-State Input, Max	Per Output, Max	DeviceNet (mA)		
8 Sink/Source ①	8 Source ①	1	1.2 mA	6 outputs @ 5 A ea. 2 outputs @ 10 A ea. 40 A total	100 mA	Point-level	1792D-88HC
Components for a user-fabricated assembly for field connections. Includes connector, hood and pins							1792D-88HCCON
Pre-made cable assembly for field connectors							1792D-88HCCBL

① Two sets of four.