



IP67 rated digital IO modules for harsh environments are designed for direct machine mount applications with EtherNet/IP communication capabilities.

Specifications



EtherNet/IP IO Adapter
IP address: DHCP, Static Address, and 0xF5/0xF6 objects
RT I/O update, up to 1 ms
Services: Automatic Conflict Detection (ACD), QuickConnect < 500ms (QC Class A device)
EDS configuration file (downloadable via integrated Web server)
Embedded display¹ for diagnostic
Grounding isolation² between Input/logic and Output Power
Operating Temperature: -25 to +70°C
Storage Temperature: -40 to +90°C
Approvals: CE, UL, cUL, Rohs, REACH, ODVA Certified

User manual and EDS files to download under:
www.molex.com (select Brad Automation Products Support Center)

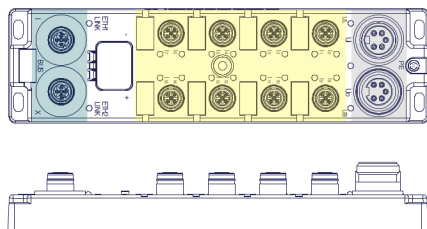
Brad® EtherNet/IP Harsh IO Modules



Brad® Harsh IO IP67 EtherNet/IP Modules
60mm and 30mm

Ordering Information

Brad® Harsh IO IP67 EtherNet/IP Module – 60mm M12

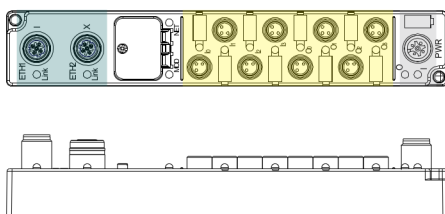


Connectivity

Ethernet: 2x Female M12 4P D-Code Built-in 2 port switch Ultra-Lock® compatible	Inputs/Outputs: 8x Female M12 5P A-Code Dual IO signal per port Inputs 24V max. 140mA Outputs 24V max. 2A Ultra-Lock® compatible	Power: 1x Male 7/8" 4 or 5 Pole 1x Fem. 7/8" 4 or 5 Pole Voltage: 24V Input & Output, max. 8 Amps
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Power Type	Input/Output (PNP)	Engineering No.	Standard Order No.
7/8" 5 Pole	16I	TCDEI-8D0P-D1U-G	112095-5060
	8I/8O	TCDEI-888P-D1U-G	112095-5061
	12I/4O	TCDEI-8B4P-D1U-G	112095-5063
	16O	TCDEI-80DP-D1U-G	112095-5062
	User Config.	TCDEI-8YYX-D1U	112095-5011
7/8" 4 Pole ⁽³⁾	16I	TCDEI-8D0P-DYU-G	112095-5040
	8I/8O	TCDEI-888P-DYU-G	112095-5041
	12I/4O	TCDEI-8B4P-DYU-G	112095-5043
	16O	TCDEI-80DP-DYU-G	112095-5042
	User Config.	TCDEI-8YYX-DYU	112095-5020

Brad® Harsh IO IP67 EtherNet/IP Module – 30mm M8



Connectivity

Ethernet: 2x Female M12 4P D-Code Built-in 2 port switch Ultra-Lock® compatible	Inputs/Outputs: 8x Female M8 3 Poles Single IO signal per port Inputs 24V max. 140mA Outputs 24V max. 1.4A	Power: 1x Male M12 5 Pole Voltage: 24V Input & Output, max. 4 Amps
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Power Type	Input/Output (PNP)	Engineering No.	Standard Order No.
M12 5 Pole	8I	TBDEI-880P-D84-G	112095-5068
	4I/4O	TBDEI-844P-D84-G	112095-5069
	8O	TBDEI-808P-D84-G	112095-5070
	User Config.	TBDEI-8YYP-D84-G	112095-5071

(1) Only on Harsh IO 60mm model.
(2) Not available on User Configurable IO model.
(3) 4 Poles Mini-Change® (7/8") cordsets are not listed in this brochure.
For more information consult our web page or industrial automation catalog.

