

IQSBlock 20 Output I/O Module

A rugged I/O module designed specifically for harsh mobile equipment environments



Key Features

- SAE J1939 communication protocol
- For 12 or 24V nominal systems
- 3A per output continuous
- 5A surge per output (30A max total module)
- Each output has short circuit, overload, and open load detection and protection
- Also available in CANopen version
- Optional PWM output capable
- IP67 Rated (with properly mated connectors)
- LED Status Indicators
- Customizable



Electrical Parameters

	Min	Nominal	Max
Functional Battery Voltage	8VDC	28VDC	32VDC
Reverse Battery Voltage	-	-	-32VDC
Max Output Current	-	-	30A
System Standby Current	-	25mA	30mA
Max Outputs Current (On State)	-	-	3A
Output Leakage Current (Off State)	-	-	100uA
ESD Protection	-	-	15KV

Environmental Parameters

	Min	Nominal	Max
Storage Temperature	- 40° C	-	85° C
Operating Temperature	- 40° C	-	85° C
Storage Humidity	0%	-	100%
Operating Humidity	0%	-	100%
Ingress Protection	-	-	IP67
Operating Shock	-	-	25G

Part Number

PN 100001162

STW Technic, LP - 3000 Northwoods Parkway, Suite 240 - Peachtree Corners, GA 30071 - United States of America

sales@stw-technic.com

20200526_v2.1

www.stw-technic.com