

2W200C-PS Power Saver for Solenoid Valve



Specifications

Model	2W200C-PS-H	2W200C-PS-L
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For Normally Closed (NO) solenoid valves, it requires much less energy to hold-in (maintain valve open) as opposed to pull-in (open valve). The STC Power Saver takes advantage of this physical phenomenon. It boosts the power supply to the solenoid valve for a short period of time to open the valve for a short duration and then it reduces the power once the valve is opened.

STC Model 2W200 C-P-S power saver device can be used to drive solenoid valves, especially for solenoid valves with high startup, high temperature rise and extended on time. It is useful in reducing power consumption, lowering coil temperature, and extending the life of the solenoid, increasing initial power which can speed operator cycle rates and response time.

Product Specifications and features:

1. Range of applications:
 - H Type: AC100V-280V 50/60Hz, 10-28W 1A, Input and output are no polarity.
 - L Type: AC/DC 12V-36V, AC/50Hz-60Hz, 10W-50W 2A. Input is no polarity. When output loading is AC, it is no polarity. When output loading is DC, pin 1 connects to negative pole and pin 2 connects to positive pole.
2. Power Boost: 20%~300%(AC only), particularly useful for large capacity and high loading products.
3. Power Saver: reduce power consumption 15%~85%, can decrease coil's temperature rise greatly.
4. High power start time: 0.3~2.5 seconds
5. Switch interval time: 0.7~5 seconds
6. Housing Material: flame retardant, quality engineering plastic
7. Electrical Connection: Standard DIN43650A connector, protection class: IP65.
8. Ambient temperature: -25C~90C.
9. Size: 3.5"x1.9"x0.83" (88mm x 48mm x 21mm)

Terms and Conditions

By purchasing from SIZTO TECH CORPORATION (STC), you agree to these TERMS AND CONDITIONS. No other terms shall apply except as agreed in writing signed by us. We reserve the right to correct typographic errors and reject orders.

SHIPMENTS:

All shipments are F.O.B. 892 Commercial Street, Palo Alto, CA 94303, USA. Most orders are shipped via UPS Standard Ground unless instructions accompany order. Outside the UPS zones, shipment will be made Best Way. The responsibility for goods delay, lost or damaged in transit rests with the carrier and purchaser. Purchaser may purchase shipping insurance to cover lost or damaged products caused by shipping.

RETURN OF MERCHANDISE:

No merchandise is accepted for return 30 days after delivery date. No credit allowed on merchandise shipped as ordered and returned without obtaining an authorization number IN ADVANCE. A 20% restocking charge applies to all returns, and transportation charges must be fully pre-paid. We will pay **ground** transportation charges on re-sent or returned merchandise due to STC's error.

Shortages & Mis-Shipments: Any shortages or mis-shipment must be reported within 15 days.

CANCELLATION POLICY:

Blanket order can be canceled 90 days before scheduled ship date. There will be a 10% charge if a blanket order is cancel within 90 days of scheduled ship date, and a 20% charge if cancel within 60 days. Regular order for non-custom parts can be canceled any time before the order is shipped. For custom parts, a 30% down payment is required either at the time of order or 90 days prior to scheduled ship date, whichever comes later.

Remittances should be sent to:

Sizto Tech Corporation, 892 Commercial Street, Palo Alto, CA 94303, USA

Credit Card Payments: Visa, MasterCard, Discover, or American Express Accepted

International Customers: Advance Payment Required via Bank Wire, Cashier's Check or Approved Credit Card.

Credit Application: To establish a net 30 day account, please mail or fax three trade references with complete mailing addresses and account numbers.

LIMITED WARRANTY – IMPORTANT NOTICE TO PURCHASER:

Sizto Tech Corporation (STC) only warrants this product to be free from defects in materials and workmanship at the time of shipment. This limited warranty expires one year after delivery to the end-user. STC's entire obligation to the Purchaser for breach of this limited warranty shall be limited to replacement of the defective product or refund of the original purchase price of this product, at STC's option. Purchaser has thirty (30) days to return the goods after STC has agreed to accept the return. All freight charges on returned material shall be paid by the Purchaser. STC's limited warranty shall not apply, however, to the product that have been subjected to misuse, alteration, accident or negligence during handling or storage.

DISCLAIMER OF IMPLIED WARRANTIES:

All implied warranties, which may arise by implication of law or application of course of dealing or usage of trade, including, but not limited to, implied warranties of merchantability or fitness for a particular purpose are expressly excluded. There are no warranties, which extend beyond the description of the faced hereof. The end user is solely responsible for the suitability and fitness of this product selected for a particular application.

OBLIGATIONS

You warrant, represent and agree: (1) to comply with all laws; (2) that our sale and shipment of the product will not, by export thereof, your legal status or otherwise, cause us to violate any law; and (3) to indemnify us against any losses from a failure by you or a third party to comply with law or these terms and conditions, or from use of the product.

SAFETY WARNING

Failure or improper selection or improper use of the components and products described herein or related items can cause death, personal injury and/or property damage. This document and other related information from STC provides products options for further investigation by users having the technical expertise. It is important that you analyze all aspects of your application and review the information concerning the component or product in the current catalog. Due to the variety of operation conditions and applications for these components or products, the user, through his own analysis and testing, is solely responsible for making the final selection and installation of the components and products and assuring that all performance, safety and warning requirements of the application are met. All products set-ups and maintenance require the supervision of a qualified individual who is familiar with installation, inspection and testing through training or experience.

IMPORTANT NOTICE:

The products described herein, including without limitation, product features, specifications, design, availability and pricing, are subject to change without notice. We continuously improve the products, and we reserve the right to change specifications without incurring any obligation to incorporate new factors in equipment previously sold.

