

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Rockers

Keylocks Programmable Illuminated PB Pushbuttons

Electrical Capacity (Resistive & Inductive Load)

Power Level: Shown in the following table

Other Ratings

10 milliohms maximum **Contact Resistance:**

200 megohms minimum @ 500V DC **Insulation Resistance:** 1,500V AC minimum for 1 minute minimum Dielectric Strength:

GENERAL SPECIFICATIONS FOR \$100s

Mechanical Life: 30,000 operations minimum **Electrical Life:** 10,000 operations minimum

Operating Temp Range: -10°C through +70°C (+14°F through +158°F)

Materials & Finishes

Brass with chrome plating Toggle:

Brass with chrome or nickel plating Bushing:

Case: Phenolic resin

Case Cover: Steel with zinc plating **Movable Contactor Plate:** Copper with silver plating

Movable & Stationary Contacts: Silver alloy plus copper with silver plating

> Terminals: Copper with silver plating

Environmental Data

Operating Temp Range: -30°C through +70°C (-22°F through +158°F) for Splashproof models;

-10°C through +70°C (+14°F through +158°F) for all other models

Splashproof models meet IP67 standard Sealing:

Installation

Mounting Torque: 2.94Nm (26 lb•in) for double nut

Soldering Time & Temperature: Manual Soldering: See Profile A in Supplement section.

Standards & Certifications

CSA: File No. 023535_0_000 - Certified only when ordered with marking on switch.

Add "/C" to end of part number to order CSA certified switch.

Certified at 5A @ 125V AC & 2A @ 250V AC.



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Touch

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DOUBLE POLE WITH SOLDER LUG*													
* CSA certified only when ordered with marking on switch (see General Specs)			Toggle Position/Connected Terminals										
	*Approvals		Down		Center	Up		Resistive			Inductive		
Model	lR,	(1)	Pole & Throw	Ke	eyway¬	-	•	-	AC 125V	AC 250V	DC 30V	AC 125V PF 0.6	Angle of Throw
\$114	_	/	DPST	ON	2-1 5-4	NONE	OFF	_	5A	2A	5A	3A	25°
\$116	_	/	DPDT	ON	2-1 5-4	NONE	ON	2-3 5-6	5A	2A	5A	3A	25°
S116R	_	_	DPDT	ON	2-1 5-4	NONE	ON	2-3 5-6	5A	2A	5A	3A	25°
Throw & DPST Schematics:		2 2	(COM) 5 DPDT			2 (COM) 5 •		• 6	N	re h			

Notes: Standard Hardware: AT504M Knurled Nut, AT508 Lockwasher, AT527M Backup Hex Nut. See Accessories & Hardware section. Optional Splashproof Boot Assemblies (only for bat lever models): AT401 & AT4181 boots plus hex nut and o-ring. See Accessories & Hardware section. * Wire harness & cable assemblies offered only in Americas.

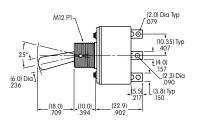
S114 & S116

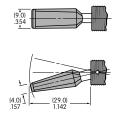
S116R Black Polyamide Paddle

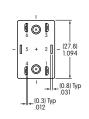


S116











S114 does not have terminals 3 & 6

Maximum Panel Thickness: .158" (4.0mm)