



General Information

Kit Part Number:	1-2110843-0
Description:	Single and Double Pole and Throw Printed Circuit Board and Wire Wrap Terminals Kit
Application:	Industrial, Instrumentation and Controls, Medical Equipment, Military/Aerospace, Telecommunications
Family:	Toggle
TE Brand:	ALCOSWITCH Products
Solution:	Circuit Control
Product Type:	Toggle Switch
Number of Pieces:	12
RoHS:	Yes

Specifications

Configuration:	SPST - Single Pole Single Throw, DPDT - Double Pole Double Throw
Current Rating:	0.4 Volt/Amps, 2A, 5A
Function:	on / on, (on) / off / (on) momentary, on / off / on
Terminal Style:	Wire Lug Terminals, Printed Circuit Board Terminals, Printed Circuit Board Right Angle, Printed Circuit Board Vertical Right Angle
Tool Included:	No
Voltage Rating:	20V, 28V, 125V, 250V

Product Highlights

GEMINI AE Series Epoxy Sealed Toggles meet IP67 requirements and are available in (8) Function Types, (2) Toggle Styles, and (8) Termination Types. Break-Before-Make Gold contacts rated at 0.4 VoltAmps at 20 Volts AC or DC and Silver contacts rated at 5 Amps at 125 Volts AC or 28 Volts DC. An Electrical Life of 6,000 cycles with an operating temperature of -30°C to +85°C and wave solder capability to 265°C.

Features and Benefits

- IP 67 Sealed Requirements
- Gold, Gold over Silver or Silver Contacts,
- Epoxy Sealed Terminals
- Stainless Steel Frame with Brass Tin Plated Solder Support

Applications

- Telecommunications
- Instrumentation
- Medical Equipment



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
1825142-2	1	5A-125VAC/28VDC; 2A-250VAC or 0.4VA-20VAC/DC, SPST-ON/ON, Sh...	Datasheet	Details	Search
1-1825142-3	1	0.4VA-20VAC/DC, SPST-ON/ON, Short Bat Toggle, Wire Wrap Term...	Datasheet	Details	Search
1-1825142-8	1	0.4VA-20VAC/DC, SPST-ON/ON, Long Bat Toggle, PCB Terminals V...	Datasheet	Details	Search
2-1825142-1	1	5A-125VAC/28VDC; 2A-250VAC, SPST-ON/ON, Long Bat Toggle, PCB...	Datasheet	Details	Search
1825143-8	1	5A-125VAC/28VDC; 2A-250VAC or 0.4VA-20VAC/DC, SPST-ON/ON, Sh...	Datasheet	Details	Search
1-1825143-5	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/OFF/ON, Short Bat Toggle...	Datasheet	Details	Search
1-1825143-6	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/OFF/ON, Long Bat Toggle,...	Datasheet	Details	Search
1-1825143-7	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/OFF/ON, Long Bat Toggle,...	Datasheet	Details	Search
1-1825143-9	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/OFF/ON, Long Bat Toggle,...	Datasheet	Details	Search
2-1825143-4	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/OFF/(ON), Long Bat Togg...	Datasheet	Details	Search
2-1825143-5	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/(ON), Long Bat Toggle, W...	Datasheet	Details	Search
2-1825143-7	1	5A-125VAC/28VDC; 2A-250VAC, DPDT-ON/ON/ON, Short Bat Toggle,...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
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ALCOSWITCH Gemini AE Series Switch Kit

Single and Double Pole and Throw, Printed Circuit Board and Wire Wrap Terminals

- Sealed IP67
- 5 Amps, 125 Volts AC / 28 Volts DC; 2 Amps, 250 Volts AC (Gold/Silver Contacts)
- 0.4 Volt Amps, 30 Volts AC / DC (Gold Contacts)
- 5 Termination Types
- Short and Long Bat Toggles

Additional kits available at: www.prdckts.com

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DISCLAIMER: Product is subject to instructions, including wiring, with approved TE contacts. It must only be used in the manner intended and as intended and is not to be used in any other manner. Please refer to the instructions for installation and safety information and warnings.

12
pieces



Product from TE Connectivity, Inc. designed and assembled by Waldom Electronics.