Aeroquip® Environmentally Sealed Switches

Switches with the widest selection of features and design flexibility

These environmentally sealed toggle switches offer the widest selection of features and the design flexibility to meet a variety of performance applications. Our product is designed to meet Aerospace specifications, delivering the quality and level of consistent execution that is above all others.

All Aeroquip® Toggle switches are completely sealed to moisture, dust, grease and a variety of other contaminants that can be harmful to the inner electronics. Don't take a chance with your vehicle's equipment, go with the name you trust, use Aeroquip Performance Products.

Features and Benefits

- Completely sealed against dust, moisture and other contaminants
- One, two and three pole circuitry
- One hole mounting for easy installation
- Multi-circuits offered
- Two and three position with maintained and momentary action
- Molded-in terminal inserts
- Molded-in terminal numbers

Applications

- Ignition / Start
- Accessory Controls: lights, pump, fan, etc.

8512 8511 8510

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Current Ratings

No of Poles	Catalog No.	Type of Operation	28VDC Lamp Load	28VDC Resistive Load	28VDC Inductive Load	115VAC 60 or 400Hz Lamp Load	115VAC 60 or 400Hz Resistive Load	115VAC 60 or 400Hz Inductive Load
1	8510	Maintained	5	20	15	3	15	10
		Momentary	4	15	10	2	15	7
2	8511	Maintained	7	20	15	4	15	15
		Momentary	5	18	10	2	11	8
4	8512	Maintained	5	20	12	4	15	15
		Momentary	4	18	10	2	11	8

Up Position	Center Position	Down Position Position (Keyway)	Catalog Number	Catalog Number	Catalog Number
ON	OFF	ON	8510K1	8511K1	8512K1
ON	NONE	OFF	K9	K9	K9
ON	NONE	ON	K4	K4	K4
ON	OFF	NONE	K6	K6	K6
ON	OFF*	NONE	K8	K8	K8
ON	NONE	ON*	8510K5	8511K5	8512K5
ON*	OFF	ON*	K2	K2	K2
NONE	OFF	ON*	K7	K7	K7
ON	NONE	OFF	K10	K10	K10
OFF	NONE	ON*	K11	K11	K11
ON	OFF	ON*	8510K3	8511K3	8512K3
ON*	ON	NONE	K12	K12	K12
ON	ON	NONE	K13	K13	K13
ON	ON	ON	-	8511K14	8512K16
ON	ON	ON*	-	K15	K16
ON*	ON	ON*	-	K16	K17
ON	ON	ON	-	8511K17	-
ON	ON	ON*	-	K18	-
ON*	ON	ON*	-	K19	-

Catalog number 8497KIC switch gaurd prevents accidental operation of switches in safety-critical applications.

Specifications

- Water-tight seal per MIL-STD-108E and designed to meet IP68
- Thermoset molding materials meet flame retardant requirements
- Temperature range: -50^{0}F to +150^0 F (-46^{0}C to +66^{0}C)
- Life: 20,000 operations at rated load
- Bushing: 15/32" - 32 thread

Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/aeroquipperformance

Eaton
Hydraulics Group Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Group Asia Pacific
Eaton Building
4th Floor, No. 3 Lane 280 Linhong Rd.
Changning District
Shanghai 200335
China
Tel: (+86 21) 5200 0099
Fax: (+86 21) 5200 0400

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