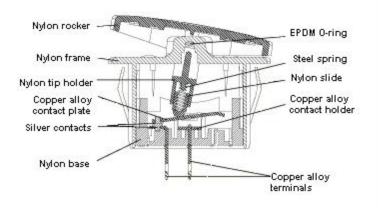
Waterproof Rocker Switch





Features

- Enclosed switch complies to IP56
- Available in single or double pole
- Lighted and non-lighted versions
- · Maintained and momentary switch functions
- Snap-in mounting
- Mechanical life: 100,000 cycles
- DC electrical life: 25,000 cycles

Electrical Ratings

Switch Series	VDC	Rating	Electrical Life at Rated Load	
			(Min. Operations)	
КМ	21A 14VDC	20A 125VAC; 10A 250VAC	6,000	

Electrical Specifications		Material Specifications		
Ratings:	20A 125VAC; 10A 250VAC 21A 14VDC	Actuator:	Soft Material Molded Polycarbonate Lens	
Natings.		Housing:	Nylon 66 94V-2	
Dielectric Strength:	1500VAC for 1 minute	Bezel:	Nylon 66 with 33% Glass Fiber	
Insulation Resistance:	100M Ω min at 500VDC	Spring:	Steel	
Initial Contact Resistance:	0.050 ohms max	Contacts:	Silver plated Copper Alloy	
Temperature Range:	-25°C to + 85°C	Movable Arm:	Silver plated Copper Alloy	
Waterproof Rating:	IP56	Terminals:	Silver plated Copper Alloy	

RoHS Compliant

Specifications subject to change without notice.



Waterproof Rocker Switch

KM Series

Dimensions Inches (mm)

1.542 [39,17]

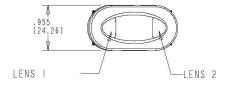
REF

1.059

[26,9]

.267 [6,79]

.534 [|3,57]



PO

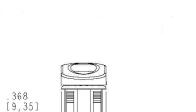
ON-OFF-ON

|.4|7 [36]

|.890 [48]

CHERRY KM 21A 14VDC 4

.075 [1,9]



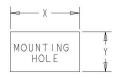
00

945⊫ [24] Ø.090 [2,29]

> .250 [6,35]

.35 [9]

.8| [2|]

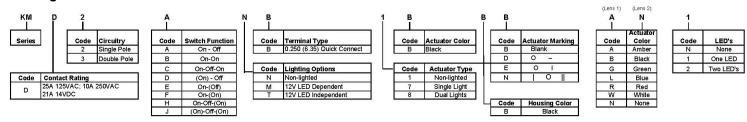


Recommended Panel Cut-Out Dimensions inches

Z = PANEL THICKNESS

DIM. Z	DIM. X	DIM. Y
.030 TO .049	.44 ±.004	.835±.004
.049 TO .079	1.449±.004	$.835 \pm .004$
.079 TO .118	1.457±.004	.835±.004

Ordering Information





Waterproof Rocker Switch

Examples of Common Part Numbers and Descriptions inches (mm)

Part Number	Circuitry	Switch Function	Terminal Type	Actuator/ Housing Color	Legend Marking
KMD2AMB7BBBNR1		On-Off	0.250 (6.3) Quick-Connect	Black/Black (Red Lens)	
KMD2CNB1BBNNNN	200	On – Off – On	0.250 (6.3) Quick-Connect	Black/Black	
KMD3CMB8BBBRG2		On – Off – On	0.250 (6.3) Quick-Connect	Black/Black (Red & Green Lens)	

Contact

Call, fax or visit our Website for more information.

ZF Electronics Corporation 11200 88th Avenue Pleasant Prairie, WI 53158

Phone: 262.942.6500 Web: <u>www.cherrycorp.com</u> Email: <u>cep_sales@zf.com</u> Fax: 262.942.6566 The manufacturer accepts no liability for errors or non-availability, and reserves the right to change specifications without prior notice.

Technical data relates to product specifications only. Features may differ from those described. Only drawings combined with product specifications shall be deemed binding.

© 2007 ZF Electronics Corporation

Last Updated:072712

