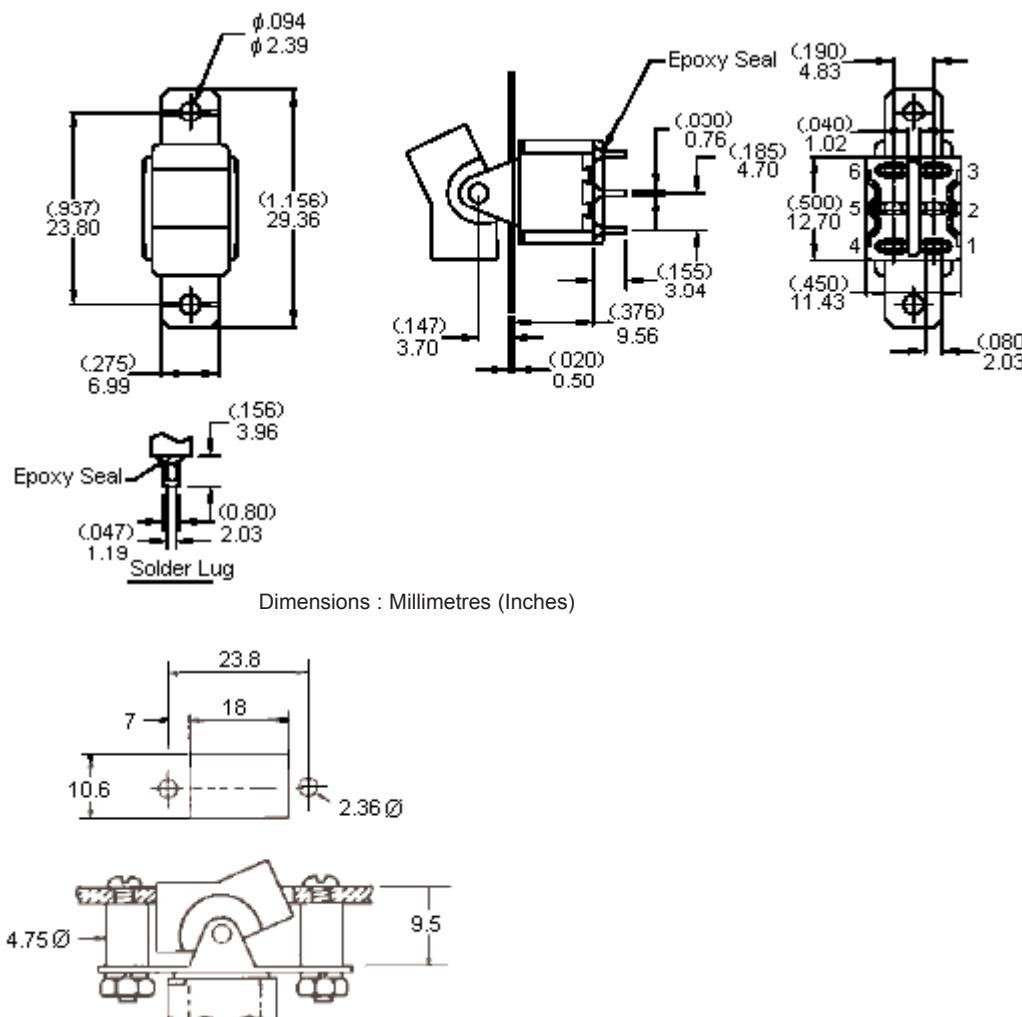


Miniature



Feature:

- Epoxy sealed terminations.

Specifications:

Electrical Life	: 50,000 make-and-break cycles at full load.
Contact Resistance	: 10m Ω maximum initial at 2 - 4V dc 100mA for both silver and gold plated contacts.
Insulation Resistance	: 1000M Ω minimum.
Dielectric Strength	: 1000V RMS at sea level.
Operating Temperature	: -30°C to +85°C.

Materials:

Case	: Dially phthalate (DAP).
Actuator	: Nylon, Black standard.
Bushing	: Brass, Nickel plated.
Housing	: Stainless Steel.
Switch Support	: Brass, Tin plated.
Terminal/Contact	: Brass, Silver or gold plated

Rating:

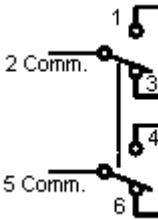
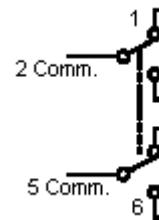
R : 0.4 Volt-Amps (VA) maximum at 20V maximum (AC or DC).
 Q : 2 Amps at 250V ac
 5 Amps at 120V ac or 28V dc.

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change with notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on Information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence.

TOLERANCES: UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE FOR REFERENCE PURPOSES ONLY.	DRAWN BY:	DATE:	DRAWING TITLE:						
	Ramya	31/05/05	3MD1R1M1QE - DPDT Panel Mounting Toggle						
	CHECKED BY:	DATE:	SIZE	DWG NO.				REV	
	Shashi	31/05/05			M1000000188				
	APPROVED BY:	DATE:							
	NK	14/06/05	SCALE: NTS		U.O.M.: mm (Inches)			SHEET: 1 OF 3	

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ramya	31/5/05	Shashi	31/5/05	NK	14/6/05

Switch Function

	Position 1	Position 2	Position 3
			
Terminals Common	2-3, 5-6		2-1, 5-4
SCHEMATIC	 OPEN		

Part Number Table

Description	Type	Lever Length	Part Number
Black Rocker	DPDT on-on	10.4	3MD1R1M1QE

Dimensions : Millimetres



PART NO.

3MD1R1M1QE

REVISIONS

ECN #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
-	A	RELEASED	Ramya	31/5/05	Shashi	31/5/05	NK	14/6/05

Notes:

International Sales Offices:

AUSTRALIA - Farnell InOne

Tel No: ++ 61 2 9645 8888
Fax No: ++ 61 2 9644 7898

GERMANY - Farnell InOne

Tel No: ++ 49 89 61 39 39 39
Fax No: ++ 49 89 613 59 01

SINGAPORE - Farnell-Newark InOne

Tel No: ++ 65 6788 0200
Fax No: ++ 65 6788 0300

AUSTRIA - Farnell InOne

Tel No: ++ 43 662 2180 680
Fax No: ++ 43 662 2180 670

HONG KONG - Farnell-Newark InOne

Tel No: ++ 852 2268 9888
Fax No: ++ 852 2268 9899

SPAIN - Farnell InOne

Tel No: ++ 34 93 475 8805
Fax No: ++ 34 93 474 5107

BELGIUM - Farnell InOne

Tel No: ++ 32 3 475 2810
Fax No: ++ 32 3 227 3648

IRELAND - Farnell InOne

Tel No: ++ 353 1 830 9277
Fax No: ++ 353 1 830 9016

SWEDEN - Farnell InOne

Tel No: ++ 46 8 730 50 00
Fax No: ++ 46 8 83 52 62

BRAZIL - Farnell-Newark InOne

Tel No: ++ 55 11 4066 9400
Fax No: ++ 55 11 4066 9410

ITALY - Farnell InOne

Tel No: ++ 39 02 93 995 200
Fax No: ++ 39 02 93 995 300

SWITZERLAND - Farnell InOne

Tel No: ++ 41 1 204 64 64
Fax No: ++ 41 1 204 64 54

CHINA - Farnell-Newark InOne

Tel No: ++86 10 6238 5152
Fax No: ++86 10 6238 5022

MALAYSIA -

Farnell-Newark InOne
Tel No: ++ 60 3 7873 8000
Fax No: ++ 60 3 7873 7000

UK - Farnell InOne

Tel No: ++ 44 8701 200 200
Fax No: ++ 44 8701 200 201

DENMARK - Farnell InOne

Tel No: ++ 45 44 53 66 44
Fax No: ++ 45 44 53 66 06

NETHERLANDS - Farnell InOne

Tel No: ++ 31 30 241 7373
Fax No: ++ 31 30 241 7333

UK - BuckHickman InOne

Tel No: ++ 44 8450 510 150
Fax No: ++ 44 8450 510 130

ESTONIA - Farnell InOne

Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411

NEW ZEALAND - Farnell InOne

Tel No: ++ 64 9 357 0646
Fax No: ++ 64 9 357 0656

UK - CPC

Tel No: ++ 44 8701 202 530
Fax No: ++ 44 8701 202 531

FINLAND - Farnell InOne

Tel No: ++ 358 9 560 7780
Fax No: ++ 358 9 345 5411

NORWAY - Farnell InOne

Tel No: ++ 45 44 53 66 66
Fax No: ++ 45 44 53 66 02

FRANCE - Farnell InOne

Tel No: ++ 33 474 68 99 99
Fax No: ++ 33 474 68 99 90

PORTUGAL - Farnell InOne

Tel No: ++ 34 93 475 8804
Fax No: ++ 34 93 474 5288

EXPORT - Farnell InOne

Tel No: ++ 44 8701 200 208
Fax No: ++ 44 8701 200 209<http://www.farnellinone.com><http://www.buckhickmaninone.com><http://www.cpc.co.uk>

This data sheet and its contents (the "Information") belong to the Premier Farnell Group (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. MULTICOMP is the registered trademark of the Group. © Premier Farnell plc 2004.

TOLERANCES:
UNLESS OTHERWISE
SPECIFIED,
DIMENSIONS ARE
FOR REFERENCE
PURPOSES ONLY.

DRAWN BY:	DATE:
Ramya	31/05/05
CHECKED BY:	DATE:
Shashi	31/05/05
APPROVED BY:	DATE:
NK	14/06/05

DRAWING TITLE:		ELECTRONIC FILE	
SIZE	DWG NO.	REV	
A	M1000000188	40028_DWG	
SCALE: NTS		U.O.M.: mm (Inches)	
SHEET: 3 OF 3			