



**SPECIFICATIONS**

ELECTRICAL

CURRENT RATING : 16A at 250V AC  
 VOLTAGE PROOF : 1500V AC between each terminal and 1000V AC between open contacts.

INSULATION RESISTANCE : 100 MOhms Min. at 500V DC  
 CONTACT RESISTANCE : 15 milliOhms max. (Initial)

MECHANICAL

OPERATING FORCE : 400gm max.  
 RELEASE FORCE : 80gm min.  
 PRETRAVEL : 1.2mm max.  
 MOVEMENT DIFFERENTIAL : 0.4mm max.  
 OVERTRAVEL : 1.0 mm min.

LIFE EXPECTANCY

MECHANICAL : 10,000,000 Operations  
 ELECTRICAL : 1,00,000 Operations at rated load

MATERIAL

CONTACTS : Pure Silver, Bimetal, Silver Plated  
 TERMINALS : Copper Alloy Silver Plated  
 SPRING : Beryllium Copper  
 PLUNGER : Nylon  
 CASE : 30% Glass Filled Thermoplastic UL-94V0

ENVIRONMENTAL DATA

OPERATING TEMPERATURE : -55°C To +85°C

CAT. No. : MV2524

ISS.	DATE	MODIFICATION	SIGN.

TOLERANCES UNLESS OTHERWISE SPECIFIED $\pm 0.1$	MICRO SWITCH TERMINAL STYLE - QUICK CONNECT (6.35mm) SERIES : MV25	DIMENSIONS IN MM	
		DESIGN	04.08.11
		DRAWN	04.08.11
		CHKD.	
SCALE 2:1	ESSEN DEINKI 22, INDUSTRIAL AREA, PHASE II CHANDIGARH - 160002	APPD.	
		DRG. NO.	MV25CU--048. A4
		SHEET	01 OF 01

C4A\PRODUCT SCAN\ELECTRICAL\catalogue June-04\MV25CU