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## NEW PRODUCT DATA AND APPLICATION SHEET

### CATALOGUE #

681M20WH 20A Switch Module White  
681M20BE 20A Switch Module Beige  
681M20BK 20A Switch Module Black  
681M20CR 20A Switch Module Cream  
681M20IV 20A Switch Module Ivory

### BARCODE #

9416175192296  
9416175192692  
9416175192685  
9416175192678  
9416175192661

### DESCRIPTION

600 series single pole 1way/2way switch module



**BOX QUANTITY** 20

**OUTER QUANTITY** Nil

### FEATURES

Switch ratings at 250V a.c, 50Hz:  
20A to AS/NZS 3133:2003  
16AX fluorescent to AS/NZS 3133:2003  
M60 motor rating AS/NZS 3133:2003  
Front-loading mechanism for superior impact resistance.  
1 way/2 way switching with loop terminal.  
Terminal holes increased in size from the 581M16, 11% in depth and 5% in diameter, making terminations easier.  
Fully shrouded and clearly marked terminals for faster installation.  
Switch mech will fit back into a 22mm diameter hole, allowing easier architrave installations/upgrades.  
Terminal screws are angled more than the 581M16, allowing easier driver access in multi-switch plates.  
Terminal and mounting screw heads are PowerHead #1 Square/ #2 Phillips for greater drivability.  
The 681M20 is supplied with terminal screws backed off, ready for immediate termination.

### APPLICATIONS

A genuinely multi-purpose switch mechanism for everyday use, designed for fast and easy installation and to allow reduced inventories.



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THE FOLLOWING INFORMATION APPLIES TO DEDICATED SWITCHES FOR CONTROLLING APPLIANCES ONLY



### APPLICABLE STANDARD

AS/NZS 61058.1 2002

### TEST SPECIFICATIONS

- Degree of protection against electric shock (Class II)
- Method of mounting & actuating the switch (600 series plate mounted, rocker actuated)
- Pollution degree (Pollution degree 2)
- Switch ratings (250V~, 20A)
- Rated impulse withstand voltage (2500 V)
- Type and/or connection of switch (Single pole, single load)
- Type of conductor to be connected to the terminal (Solid-stranded)
- Suitability for connection of 2 or more conductors (Yes)
- Type of conductor to be connected to the terminal (Unprepared conductors)
- Suitability for connection of unprepared conductors (Yes)
- Number of operating cycles (10 000 operations)
- Type of disconnection (Full disconnection)
- Proof tracking index PTI (100 = PTI = 175)
- Level of glow wire test (Level 3)
- Type of load (Resistive and motor load with a power factor of not less than 0.6)
- Type of switch design (Design A)
- Type of outlet facilities (switch with inlet/outlet facilities for rigid cables)