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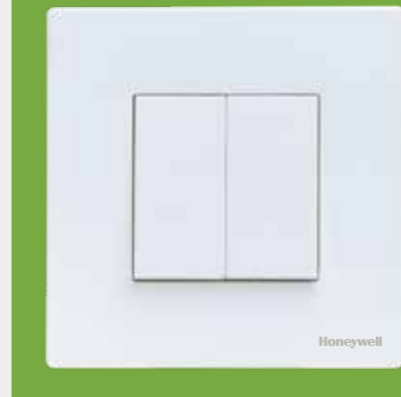
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Citric

Expressing love for Simplicity

Honeywell Environmental and Combustion Controls

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Citric
Simplicity

Citric is simplicity defined. Citric expresses the love for simple forms and honest designs - a fondness for a more accessible brand of modernism.

The range marks the entry of Honeywell into wiring devices in India. Citric's simplicity has been achieved through a complexity of thought and design, made possible by a legacy of over 100 years of innovation and engineering excellence of Honeywell.

Citric looks crisp and clean, with squares and rectangles pairing well with the wall surface. The linear geometry makes it sleek, sophisticated, and easy. Citric is just as beautiful on the inside as it is on the outside. The entire product range integrates seamlessly, allowing the user to create a visually homogeneous and design focused interior.

1 Module Rotation for user convenience	2 Horizontal & Vertical Mounting	3 Double Rocker to shield Arcs
4 Eye soothing 3-dot indicators	5 Precision Snaps for perfect engagement	6 Multi Ribs for added strength
7 Front Loading & Removal for installation ease	8 Complete Range Hospitality, Motor Starter, Mini Trip etc.	9 Fully RoHS compliant

CITRIC - FEATURES AND BENEFITS

User Experience / Installation Features

Module Rotation for user convenience
The unique square profile of Citric allows Module Rotation for user convenience. The 45 x 45mm square window size allows the switches and sockets to be rotated and installed in any direction. They can rotate horizontally and vertically making it easy and convenient to use in varied spaces.

Horizontal & Vertical Mounting for convenience
Citric Front plate and Grid plates (4M & 6M) have universal design for horizontal or vertical mounting on the wall. Coupled with module rotation, this is a powerful feature to enable optimal utilization of space available.

Eye soothing 3-dot indicators
Citric comes with eye soothing 3-dot indicators. These elegant soft lit LED Indicators on grid switches enable easy identification at night.

Front Loading & Removal for installation ease
The range is designed for easy front loading and front removal with highly engineered precision snaps. Front plate comes with "Screw Driver slot" on the bottom side for easy removal of front plate. This helps in preventing damages to the wall paint, in case of rework or reconfiguration. Fits on common metal boxes and have shorting type terminals, making it installer friendly.

Safety Features

Double Rocker to shield Arcs
The range is meticulously engineered with Double Rocker mechanism providing an Arc Shield and Shock proof design, making it safer and last longer.

Precision Snaps for perfect engagement
Overlap design of grid plate with front plate snap locks, ensures there is rigid and perfect engagement to the grid plate. These precisely engineered snap locks deliver perfect locking and positive de-locking of grid and front plates.

Multi Ribs for added strength
The plates have multi-rib grid pattern for providing maximum strength, not needing to add a metal support.

Front plates are 2M partitioned design. This not only reduces misalignment and gaps but also gives more strength by avoiding breakage and cracks on front/grid plate.

Fully RoHS compliant
The range is fully RoHS (Restriction of Hazardous Substance) compliant and meets BIS Quality standards too.
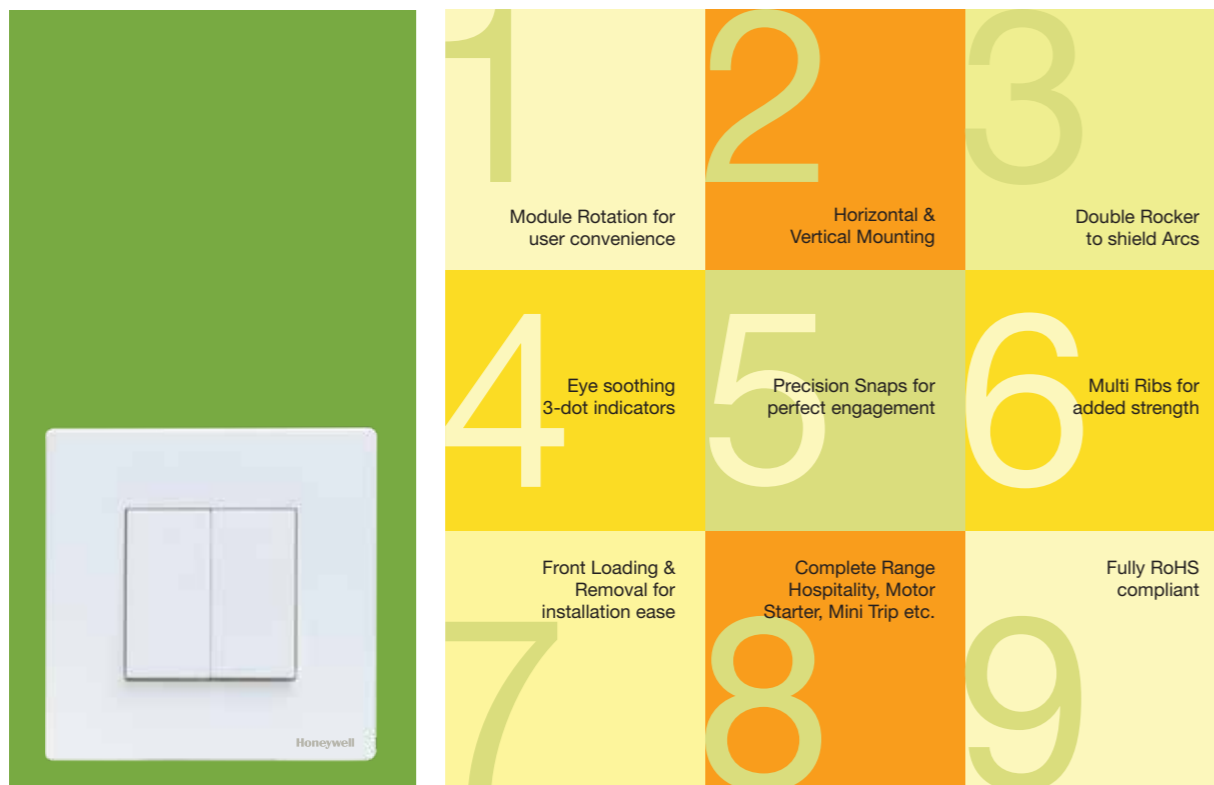
Complete Range

Citric has a complete range of products and SKU's for communication, hospitality and other accessories for end-to-end installations at residences, hotels, offices and commercial buildings.

SWITCHES

CITRIC switches impresses with its futuristic play on modern yet simple accents. The new Citric switch has clean-lined, contemporary definition of shape accented with sharp edges and glossy finish. These Collarless switches deliver better elegance. The Arc Shield and Shock proof design with incorporation of double rocker system makes the switches more durable and safe. The switches are designed for front loading and removal with precision engineered snaps. Small elegant LED Indicators are provided for identification at night.

CW501WHI	CW502WHI	CW505NWHI	CW224WHI
6AX 1Way Switch - 1M	6AX 2Way Switch - 1M	6A One-Way Bell push with LED	32A DP Switch

Elec. Spec

6AX, 16AX (1M) - Rated Voltage 230V AC, Nature of Supply 50 Hz, Terminal capacities 1.5 Sqmm;
6A, 20A, 32A (2M) - Rated Current 6A/20A/32A; Rated Voltage 250V AC, Nature of Supply AC only;
32A - Rated Power 32A, Rated Voltage 230V AC, Nature of Supply AC only, Terminal capacities 10 Sqmm

Features

- Modular (1M, 2M)
- Rocker shape for more ergonomics, human touch and feel
- Easy installation / removal of module due to the snap fit feature
- Smooth design of rockers and moving contact assembly for positive kick-off and swiping action prevents heavy arcing and switch burnout
- Complies to 3mm clearance / creep age clause of IS 3854 : 97
- Tightly controlled spring tolerance to get consistent quality
- 100% silver contacts for better contacts and prevention of arc
- Fire retardant,passes glow wire test at 8500C

Dimensions

L - 45mm, B - 22.4mm, D - 27.45mm (1M);
L - 45mm, B - 45mm, D - 27. 45mm (2M)

Other SKU's available

CW503WHI 6AX 1Way Switch with locator/ Indicator - 1M	CW413WHI 16AX 1Way with locator/ Indicator Switch
CW504WHI 6A 1Way bell push - 2M	CW401WHI 10AX One way switch
CW505WHI 6A 1Way bell push - 1M	CW402WHI 10AX Two way switch
CW411WHI 16AX 1Way Switch	CW601WHI 6A 2M Two way switch
CW412WHI 16AX 2Way Switch	CW403WHI 10AX Two way switch with locator/ Indicator

MINITRIP

CW227WHI
25A Mini Trip

Elec. Spec
Rated Voltage 240 V; Rated Current 25A; Nature of Supply - AC only; Terminal Capacities 6mm 2 wire to be used

Features

- Rated Current is 25A
- Single pole
- Breaking capacity is 1500A
- Electrical service life is 4000 operations
- Type: C Type
- Designed for protection of home appliances
- High quality flame retardant material used

Dimensions

L - 45mm, B - 22.5mm, D - 49 mm

SOCKETS

Citric sockets are engineered to ensure easy and perfect engagement to plug tops. They are designed for rigid engagement for both 4mm and 5mm plug tops ensured thru orbital spun designed terminals enabling perfect contact. Shuttered socket is fitted with two shutters to ensure extra safety to the user. This prevents accidental contact of finger with the live parts and also dust deposition on contacts. This also allows smooth 2 - pin plug entry and anti single pin entry. Sockets terminals are made of ph bronze material for elasticity and better continuity. They are available in four types - 3 Pin Universal 6A, 6/16A Power Sockets, 25A Sockets and 6/10/13A International Sockets.

Other SKU available

CW425WHI
25A socket - 2M

CW420WHI	CW424WHI	CW426WHI
6A Universal Socket - 2M	6/16A Socket - 2M	International Socket for all pins 6/10/13A - 2M

Elec. Spec

6A, 6/16A, 6/10/13A, 25A - Rated Current 6A, 6A upto 13A - 6/10/13A; Rated Voltage 250V AC, Nature of Supply AC Only, Terminal capacities 1.5 Sqmm - 6A, 2.5 Sqmm - 6/16A, 6/10/13A, 25A.

Features

- Rigid engagement for 5mm dia round pin and flatpin sockets
- Chemically cleaned brass contacts
- Terminals are made of solid brass terminals
- Orbital spun designed terminals for perfect contact
- Contact clips are of hardened brass for better contact performance
- The socket is fitted with shutter to ensure extra-safety to the users preventing accidental contact of fingers with the live parts and also prevents the dust deposition on contacts
- The orientation of terminals allows easy entry of conductors and makes for quick & trouble-free wiring
- High reliability and trouble-free performance of more than 5,000 insertions and withdrawal of the plugs
- Enclosures are made of high quality engineering thermoplastic that has excellent fire-retardant property and has very high impact strength
- The contacts are made of corrosion resistant material, which ensures the usage in any environmental conditions

Dimensions

L - 45mm, B - 45mm, D - 35.5mm (6A), 35mm (6/16A), 38mm (International Sockets 6/10/13A)

FAN REGULATORS AND DIMMERS

CW471WHI	CW472WHI	CW480WHI
100W step type -1M	120W step type - 2M	400W Dimmer - 2M

Elec. Spec
Rated Voltage 240 V; Rated Power 120W; Nature of Supply - AC only; Terminal Capacities : Through flexible leads (95mm) with connector

Features

- Controls the speed of the fan to five preset speeds
- Suitable for Flush & Surface mounting and can be clipped onto front plates of 2M and above
- Eliminates humming noise emanating from fan

Dimensions

L - 45mm, B - 45mm, D - 32mm

COMMUNICATION SERIES

Citric communication range consists of TV coaxial - 1M, Computer jack - 1M and Telephone jack - 1M. The entire range is designed for maximum data and voice transfer efficiency. Features in the range are designed to deliver minimal signal loss, ease of installation and low maintenance.

CW451WHI
TV Coaxial outlet - 1M

Features
- Modular - 1M size
- PCB mounted type for reliable termination of incoming co-axial cable
- Non-ferrous terminals for long-term reliable and secure termination
- Tested for resistance to rust test as per IS 3854:1997

Dimensions
L - 45mm, B - 22.5mm, D - 28.7mm

CW493WHI
RJ45 CAT6
Computer Jack - 1M

Features
- 8 Terminals (8C)/ 2 Terminals
- Shuttered to prevent dust accumulation
- RJ45 CAT6 Computer Jack - Detachable shutter and meets CAT 6 performance requirements
- Compliance to standards - RJ45 CAT6 Computer Jack - ANSI/EIA/TIA 568-B.2, ISO/IEC 11801 Class E; RJ11 2 Line Telephone Jack with and without shutter - FCC Part 68, ANSI/EIA/TIA 568/TIA TSB-36, TIA TSB-40

Dimensions
RJ45 CAT6 Computer Jack L - 45mm, B - 22.4 mm, D - 32.3 mm;
RJ11 2 Line Telephone Jack with and without shutter L - 45mm, B - 25mm, D - 18.10mm

CW462WHI
Satellite Cable
TV Outlet - 1M

Features
- Modular (1M)
- Clamps the cable and eliminates any possibilities of loose connection
- Comes in compact single module size

Dimensions
L - 45mm, B - 22.4mm, D - 23.8mm

Other SKU's available	CW492WHI RJ11 2 Line Telephone Jack with Shutter - 1M	CW490WHI RJ11 2 Line Telephone Jack - 1M

HOSPITALITY MODULES

Citric hospitality range is smart energy saving specially designed for the hotel industry. It saves energy without compromising the comfort of the guest. Feature packed and with superior aesthetics, Citric range of hospitality products are in complete synergy with the hospitality industry requirements. The range is convenient, safe and efficient.

CW529WHI
Shaver Socket

Elec. Spec
Rated Voltage 250 V AC; Output Voltage - 115V/230V, Output Power - 15A (Shaver only), Nature of Supply - 50 Hz AC Only, Terminal Capacities 4 Sqmm

Features
- Monoblock
- Safety shutters are standard, along with the build to function under most challenging environments
- Accommodates internationally used 2 pin flat pin plugs
- In built isolation transformer & safety overload protection with reset feature

Dimensions
L - 45mm, B - 22.4mm, D - 25mm

CW527WHI
20A Energy Key
Switch with Time Delay

Elec. Spec
Rated Voltage 170 to 250 V AC; Rated Power 20A; Nature of Supply - AC only

Features
- Modular, 2 module in size, made of engineering plastics
- Operating voltage - 170 to 250 V AC
- Load Capacity - 3000W, all types of inductive & resistive loads
- Space provided in the key tag for room numbers
- Downward arrow LED in the front plate indicates the insertion of the key tag or power
- The time delay will keep the power in the room for 30 secs (±5 sec) even after removal of the key tag

Dimensions
L - 45mm, B - 22.5mm, D - 49 mm

CW415WHI
1 Way Switch MMR - 1M

Elec. Spec
Rated Voltage 230 V AC; Nature of Supply - AC only, Terminal Capacities 1.5 Sqmm

Features
- Modular (1M)
- Laser marking on the switch rocker
- LED lamp for use as locator or indicator
- LED ensures less consumption of electricity and long life
- Rocker shape for more ergonomics, human touch and feel
- Easy installation/removal of module due to the snap fit feature
- LED for long life

Dimensions
L - 45mm, B - 22.4mm, D - 27.45mm

Other SKU's available	CW901WHI DND Indicator - 1M	CW902WHI MMR Indicator - 1M

OTHER ACCESSORIES

CW217WHI
Motor Starter

Elec. Spec
Rated Voltage 230 V; Rated Current - 16-25A, Nature of Supply - 50 Hz AC Only, Terminal Capacities 6 Sqmm

Features
- Technical and constructional features confirming to IS 13947-4
- Thermal trip overload protection

Dimensions
L - 45mm, B - 75mm, D - 44.10mm

CW530WHI
Foot Lamp

Elec. Spec
Rated Voltage 230 V; Nature of Supply - AC Only, Terminal Capacities 2.5 Sqmm

Features
- Long life white color LED based illumination
- Maintenance free, lamp never need changing
- Low power consumption <1W
- Textured lens for uniform dispersion of light
- Easy installation with screw termination
- Fully RoHS compliant product

Dimensions
L - 45mm, B - 45mm, D - 34 mm

Other SKU's available	CW441WHI Blank Plate - 1M	CW595WHI Neon Indicator (Red) - 1M	CW225WHI Electronic Chime - 2M

FRONT PLATES

Citric Front Plates are available in different module sizes of 1M, 2M, 2+1M, 4M, 6M, 8MH, 8MV, 12M & 18M. The "close/partition window" design makes the front plates user friendly, promises high engineered strength and helps avoid breakages and cracks on front/grid plate.

Features
- Two plate system with innovative and high end engineered snap locks. Overlap design of grid plate with front plate snap locks, ensures there is rigid engagement to the grid plate on slight uneven surfaces also
- Multi Grids or ribs in all grid modules for better strength
- 4M and 6M grid modules with vertical mounting features enabling high end user experience
- Front plate with "Screw Driver Slot" for easy removal of front plate on bottom side
- Compatible with most of the general available Metal Boxes
- Fire retardant, passes glow wire test at 6500C
- Passes 1500V AC high voltage test
- Passes Insulation resistance test at 500V DC
- Resistant to ageing and to humidity
- Resistant to heat

Dimensions
L - 87mm, B - 87mm, D - 7mm (1M/2M); L - 120mm, B - 87mm, D - 7mm (3M);
L - 146mm, B - 87mm, D - 7mm (4M); L - 220mm, B - 87mm, D - 7mm (6M);
L - 250mm, B - 87mm, D - 7mm (8MH); L - 146mm, B - 146mm, D - 7mm (8MV);
L - 280mm, B - 87mm, D - 7mm (9M); L - 220mm, B - 146mm, D - 7mm (12M);
L - 220mm, B - 220mm, D - 7mm (18M)

SKU's available	CW104WHI 4M Elements Snap-on Grid System	CW109WHI 9M Snap-on Grid System
CW101WHI 1M Snap-on Grid System	CW106WHI 6M Snap-on Grid System	CW112WHI 12M Snap-on Grid System
CW102WHI 2M Snap-on Grid System	CW108HWHI 8M Snap-on Grid System	CW118WHI 18M Snap-on Grid System
CW103WHI 3M Snap-on Grid System	CW108VWHI 8M V Snap-on Grid System	

PRICE LIST

Item Code	Description	MRP (₹)
CW501WHI	6A One - Way SP Switch	118
CW502WHI	6A Two - Way SP Switch	154
CW503WHI	6A One - Way with Locator/ Indicator Switch	172
CW504WHI	6AX Bell Push Switch - 2M	271
CW505WHI	6A One - Way Bell Push Switch	176
CW505NWHI	6A One - Way Bell Push Switch With LED	208
CW411WHI	16A One - Way Switch	192
CW412WHI	16A Two - Way Switch	226
CW413WHI	16A One - Way with Locator/ Indicator Switch	226
CW220WHI	20A DP Switch with Neon	539
CW224WHI	32DP Switch with Neon - 2M	541
CW420WHI	Universal Socket Flat 3 Pin - 2M	181
CW424WHI	6/16A Socket - 2M	298
CW426WHI	International Socket For 6/10/13A - 2M	262
CW425WHI	25A Socket - 2M	388
CW217WHI	Motor Starter Switch (16 - 25A) - 2M	640
CW227WHI	25A SP Minitrip Switch	550
CW225WHI	Electronic Chime - 2M	730
CW441WHI	Blank Plate - 1M	32
CW451WHI	TV Coaxial Socket Outlet	154
CW462WHI	Satellite Cable TV Outlet	162
CW471WHI	100W Step Type - 1M	496
CW472WHI	120W 5 Step FSC - 2M	622
CW480WHI	400W Dimmer - 2M	757
CW493WHI	CAT 6 RJ45 Computer Jack - 1M	532
CW490WHI	RJ11 Telephone Jack with Shutter - 1M	128
CW492WHI	RJ11 2line Tele Jack with Shutter - 1M	208
CW527WHI	Energy Key Tag with Time Delay	2908
CW901WHI	DND Indicator - 1M	208
CW902WHI	MMR Indicator - 1M	208
CW414WHI	Two - Way Switch DND Marked - 1M	253
CW415WHI	One - Way Switch MMR Marked - 1M	226
CW529WHI	Shaver Socket	3610
CW530WHI	Led Based Foot Lamp	604
CW595WHI	Neon Indicaotor - Red	163
CW101WHI	1 Module Front Plate White	109
CW102WHI	2 Module Front Plate White	118
CW103WHI	3 Module Front Plate White	127
CW104WHI	4 Module Front Plate White	136
CW106WHI	6 Module Front Plate White	194
CW108HWHI	8 Module Front Plate White	253
CW108VWHI	8 Module Square Front Plate White	271
CW109WHI	9 Module Horizontal Front Plate White	307
CW112WHI	12 Module Front Plate White	325
CW118WHI	18 Module Front Plate White	424
CW401WHI	10AX One Way Switch	163
CW402WHI	10AX Two Way Switch	190
CW403WHI	10AX One Way Switch with Indicator/ Locator	208
CW601WHI	6A Two - Way Switch - 2M	163

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Environment and Combustion Controls (ECC), India, is part of Honeywell's global Automation and Control Solutions business.

ECC is a $2.4 billion global business with installations in more than 150 million homes, 10 million buildings and a multitude of manufacturing plants around the world. ECC offers integrated product solutions for various residential, commercial and industrial applications ranging from HVAC Solutions, Water Controls, Wiring Devices, Cable Management, Circuit Protection Devices, Lighting Controls, Building Control Solutions and Commercial & Industrial Combustion. As part of its global operations, all ECC brands share the same commitment towards innovation, quality, safety and customer service. Brands that operate under ECC in India are MK, Trend, Alerton, Webs-AX™, Phoenix Controls, Saia Burgess, INNCOM and Maxon. ECC has over 9 sales offices across the country, three state-of-the-art manufacturing units in Chennai, Dehradun, and Vadodara, and an extensive pan-India distribution network. With its 'Customer First' approach, ECC is committed to making life easy and convenient, safer and more secure, more comfortable and energy efficient, with its smart products and solutions.