

MAY 2021

 **KOLORS**[®]
make life better

Switch to 
reliable **safety.**



KWIKTRIP[®]
miniature circuit breaker

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miniature circuit breaker

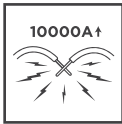
Safe, simple and flexible

Kwiktrip is Miniature Circuit Breaker that comes with an arc shaped cover and ribbed knob for a comfortable operation. Available in rating of 6A, 10A, 16A, 20A, 25A, 32A, 40A, 63A - 240/415 V AC with Single Pole (SP), Single Pole + neutral (SPN), Double Pole (DP), Three Pole (TP), Three Pole + neutral (TPN) and Four Pole (FP).



Features

- Installation on symmetrical 35mm DIN rail.
- Easy installation & removal through snap pusher.
- Body is completely arc protected.
- Powerful arc extinguish system-special 16 plates arc chute assembly provided.
- Offers high short circuit capacity.



SHORT CIRCUIT
CAPACITY

- 4.5 mm gap between contacts in open position.
- Low leakage current i.e. 7.0 μ A at 1.1*240V.
- IP 20 protection.
- Flame retardant thermo plastic moulded case which is highly resistant to heat & fire.
- Non weldable silverised contacts.



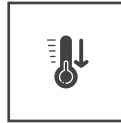
LOW RESISTANCE



LOW VOLTAGE
DROP



LOW WATT LOSS



LOW TEMPERATURE
RISE



GOOD
CONDUCTIVITY

Technical Specifications

- Standard Conformity: IS/IEC 60898-1:2015
- No of poles: SP, SPN, DP, TP, TPN, FP
- Rated voltage: 240V AC for SP, SPN & 415 V AC for multipoles (DP, TP, TPN, FP)
- Rated current: 6A, 10A, 16A, 20A, 25A, 32A, 40A, 63A
- Tripping curve: B & C-Type
- Rated short circuit capacity (I_{cr}): 10000A
- Rated service short circuit capacity (I_{cs}): 7500A
- Rated frequency: 50 Hz
- Impulse withstand voltage (U_{imp}): 4.7/5.8 k Vp
- Electromechanical endurance: >4000 cycle
- Mechanical endurance: <32A 20000 cycle
>32A 10000 cycle
- Terminals: Screw type terminals
- Terminal capacity: upto 25mm²
- Fastening torque: 2.0 Nm

MCBs 10KA - C-CURVE

SINGLE POLE (SP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101001	6A	225.00	12/144
101002	10A	225.00	12/144
101003	16A	225.00	12/144
101004	20A	225.00	12/144
101005	25A	225.00	12/144
101006	32A	225.00	12/144
101007	40A	465.00	12/144
101009	63A	595.00	12/144



SINGLE POLE + NEUTRAL (SPN)

CODE	RATING	MRP (₹) PER UNIT	PACK
101015	6A	805.00	06/72
101016	10A	805.00	06/72
101017	16A	805.00	06/72
101018	20A	805.00	06/72
101019	25A	805.00	06/72
101020	32A	805.00	06/72
101021	40A	1140.00	06/72
101023	63A	1185.00	06/72



DOUBLE POLE (DP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101030	6A	830.00	06/72
101031	10A	830.00	06/72
101032	16A	830.00	06/72
101033	20A	830.00	06/72
101034	25A	830.00	06/72
101035	32A	830.00	06/72
101036	40A	1185.00	06/72
101038	63A	1255.00	06/72



MCBs 10KA - C-CURVE

TRIPLE POLE (TP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101045	6A	1295.00	04/48
101046	10A	1295.00	04/48
101047	16A	1295.00	04/48
101048	20A	1295.00	04/48
101049	25A	1295.00	04/48
101050	32A	1295.00	04/48
101051	40A	1900.00	04/48
101053	63A	1940.00	04/48



TRIPLE POLE + NEUTRAL (TPN)

CODE	RATING	MRP (₹) PER UNIT	PACK
101060	6A	1660.00	03/36
101061	10A	1660.00	03/36
101062	16A	1660.00	03/36
101063	20A	1660.00	03/36
101064	25A	1660.00	03/36
101065	32A	1660.00	03/36
101066	40A	2455.00	03/36
101068	63A	2480.00	03/36



FOUR POLE (FP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101075	6A	1810.00	03/36
101076	10A	1810.00	03/36
101077	16A	1810.00	03/36
101078	20A	1810.00	03/36
101079	25A	1810.00	03/36
101080	32A	1810.00	03/36
101081	40A	2470.00	03/36
101083	63A	2570.00	03/36



MCBs 10KA - B-CURVE*

SINGLE POLE (SP)

CODE	RATING	MRP (₹) PER UNIT	PACK
201001	6A	215.00	12/144
201002	10A	215.00	12/144
201003	16A	215.00	12/144
201004	20A	215.00	12/144
201005	25A	215.00	12/144
201006	32A	215.00	12/144
201007	40A	460.00	12/144
201009	63A	590.00	12/144



SINGLE POLE + NEUTRAL (SPN)

CODE	RATING	MRP (₹) PER UNIT	PACK
201015	6A	805.00	06/72
201016	10A	805.00	06/72
201017	16A	805.00	06/72
201018	20A	805.00	06/72
201019	25A	805.00	06/72
201020	32A	805.00	06/72
201021	40A	1140.00	06/72
201023	63A	1185.00	06/72



DOUBLE POLE (DP)

CODE	RATING	MRP (₹) PER UNIT	PACK
201030	6A	830.00	06/72
201031	10A	830.00	06/72
201032	16A	830.00	06/72
201033	20A	830.00	06/72
201034	25A	830.00	06/72
201035	32A	830.00	06/72
201036	40A	1185.00	06/72
201038	63A	1255.00	06/72



*B-Curve MCB's are available against the project order

MCBs 10KA - B-CURVE*

TRIPLE POLE (TP)

CODE	RATING	MRP (₹) PER UNIT	PACK
201045	6A	1295.00	04/48
201046	10A	1295.00	04/48
201047	16A	1295.00	04/48
201048	20A	1295.00	04/48
201049	25A	1295.00	04/48
201050	32A	1295.00	04/48
201051	40A	1900.00	04/48
201053	63A	1940.00	04/48



TRIPLE POLE + NEUTRAL (TPN)

CODE	RATING	MRP (₹) PER UNIT	PACK
201060	6A	1660.00	03/36
201061	10A	1660.00	03/36
201062	16A	1660.00	03/36
201063	20A	1660.00	03/36
201064	25A	1660.00	03/36
201065	32A	1660.00	03/36
201066	40A	2455.00	03/36
201068	63A	2480.00	03/36



FOUR POLE (FP)

CODE	RATING	MRP (₹) PER UNIT	PACK
201075	6A	1810.00	03/36
201076	10A	1810.00	03/36
201077	16A	1810.00	03/36
201078	20A	1810.00	03/36
201079	25A	1810.00	03/36
201080	32A	1810.00	03/36
201081	40A	2470.00	03/36
201083	63A	2570.00	03/36



*B-Curve MCB's are available against the project order

Safeguarding
priceless memories.



Turn n **SAFETY**

ISOLATOR

SINGLE POLE (SP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101109	32A	210.00	12/144
101110	40A	315.00	12/144
101111	63A	355.00	12/144



DOUBLE POLE (DP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101114	32A	340.00	06/72
101115	40A	465.00	06/72
101116	63A	580.00	06/72



TRIPLE POLE (TP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101119	32A	595.00	04/48
101120	40A	860.00	04/48
101121	63A	975.00	04/48



FOUR POLE (FP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101123	32A	795.00	03/36
101124	40A	1035.00	03/36
101125	63A	1080.00	03/36



RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)

Protection against Electrocution & Fire

In our everyday life, we often come across many accidents that cost human lives due to inappropriate usage or coming in direct contact with electric current. Incorrect fitting, faulty equipments or wrong usage of devices cause the current to flow through insulation to the earth, this is known as leaking of current.

Any use of exposed, badly wired, substandard, damaged or incorrectly connected equipment as well as frayed or not properly repaired cables cause hindrance to the safety and increases the risk of receiving an electric shock.

A well chosen Circuit Breaker is effective in detecting small currents flowing to earth and thus helps reduce the risk of electrocution and prevents fire. Research suggests that electrical shock should not be considered only in terms of current alone but also in terms of contact voltage. Every person who gets electrocuted by coming in contact with an object has different potential of taking that current passing through their body. The difference in potential defines the severity of how the current flows through the body.

KOLORS RCCB provides protection against earth fault/ current leakage, thus ensuring optimum safety of your house and your near ones.



RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)

Technical Specifications

Standard Conformity	IS12640-1: 2008
Rated Current	25A, 32A, 40A & 63A
Sensitivity	30mA, 100mA & 300mA
Type	AC
Rated Frequency	50Hz
Rated Voltage	Double Pole - 240V Four Pole - 415V
Insulation Voltage (U_i)	500V
Impulse withstand Voltage (U_{imp})	4kV
Rated short circuit capacity (I_{cn})	10kA
Electrical Endurance	4000 cycles
Degree of Protection	IP 20
Pollution Degree	2
Test Button	on front
*Terminal Capacity	Upto 35 mm ²
Method of Mounting	DIN rail mounted

*Terminal Capacity - Suitable for Copper & Aluminium Cables and compatible with Cables upto 35 mm² Cross Section area

RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)

DOUBLE POLE (DP) - 25A

CODE	SENSITIVITY	MRP (₹) PER UNIT	PACK
101204	30mA	3020.00	06/72
101205	100mA	3100.00	06/72
101206	300mA	3100.00	06/72



DOUBLE POLE (DP) - 32A

CODE	SENSITIVITY	MRP (₹) PER UNIT	PACK
101207	30mA	3020.00	06/72
101208	100mA	3100.00	06/72
101209	300mA	3100.00	06/72



DOUBLE POLE (DP) - 40A

CODE	SENSITIVITY	MRP (₹) PER UNIT	PACK
101210	30mA	3155.00	06/72
101211	100mA	3345.00	06/72
101212	300mA	3345.00	06/72



DOUBLE POLE (DP) - 63A

CODE	SENSITIVITY	MRP ₹ PER UNIT	PACK
101213	30mA	4050.00	06/72
101214	100mA	4125.00	06/72
101215	300mA	4125.00	06/72



RESIDUAL CURRENT CIRCUIT BREAKER (RCCB)

FOUR POLE (FP) - 25A

CODE	SENSITIVITY	MRP (₹) PER UNIT	PACK
101304	30mA	3645.00	03/36
101305	100mA	3695.00	03/36
101306	300mA	3695.00	03/36



FOUR POLE (FP) - 32A

CODE	SENSITIVITY	MRP (₹) PER UNIT	PACK
101307	30mA	3645.00	03/36
101308	100mA	3695.00	03/36
101309	300mA	3695.00	03/36



FOUR POLE (FP) - 40A

CODE	SENSITIVITY	MRP (₹) PER UNIT	PACK
101310	30mA	3695.00	03/36
101311	100mA	3750.00	03/36
101312	300mA	3750.00	03/36



FOUR POLE (FP) - 63A

CODE	SENSITIVITY	MRP ₹ PER UNIT	PACK
101313	30mA	4235.00	03/36
101314	100mA	4320.00	03/36
101315	300mA	4320.00	03/36



CHANGEOVER SWITCH

DOUBLE POLE (DP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101134	25A		06/72
101135	32A	1180.00	06/72
101136	40A	1415.00	06/72
101138	63A	1770.00	06/72



FOUR POLE (FP)

CODE	RATING	MRP (₹) PER UNIT	PACK
101144	25A		03/36
101145	32A	2780.00	03/36
101146	40A	3130.00	03/36
101148	63A	3615.00	03/36



Manually operated changeover switch, which is used in switching of supply from one source to another & vice versa.

Features:

- Silver Cadmium Oxide contacts used for long life of electrical contacts.
- Flame retardant thermo plastic moulded case.
- DIN rail mounted along with the provision of mounting with MCBs, RCCBs and Isolators in Distribution Board.
- Front operation with stable positions I-O-II, center position is Off.

Technical Specifications:

Standard Conformity	IS/IEC 60947-3
No.of Poles	Double Pole & Four Pole
Rated Current (In)	25A, 32A, 40A & 63A
Dielectric Strength	2.5 kV
Ambient Temperature	-5°C to +55°C
Mechanical Endurance	10000 Operations
Electrical Endurance	10000 Operations
Method of Mounting	DIN rail mounted
Terminal Capacity	Upto 25 mm ²



Single Door & Double Door Metal Distribution Boards

- Suitable for single phase and three phase circuits
- Suitable for surface and flush mounting
- 100A bus bar
- 26/32 mm knock outs with option to completely remove top and bottom side knockouts for raceways or bigger cables
- Reversible door



Raised neutral link
for easy wiring

Insulated shorting
bus bar

Supplied with earth
link with embossed
earthing symbol

Knockouts & provision
for raceway/bigger cable
insertion



Labels for circuit identification



Door earthing to protect against electric shock



Blanking plate



Holes for reversible door

KENZ **SPN-SINGLE DOOR DISTRIBUTION BOARDS**
(METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
771001	4 WAY	810.00	01/10
771002	6 WAY	940.00	01/10
771003	8 WAY	1025.00	01/10
771005	12 WAY	1375.00	01/05
771006	16 WAY	1650.00	01/05



KENZ **TPN-SINGLE DOOR DISTRIBUTION BOARDS**
(METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
773001	4 WAY	2450.00	01/04
773002	6 WAY	2920.00	01/04
773003	8 WAY	3225.00	01/04
773005	12 WAY	4325.00	01/04



KENZ **MCB ENCLOSURE DISTRIBUTION BOARDS**
(METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
775021	1/2 WAY	410.00	01/45
775022	3/4 WAY	500.00	01/38



KENZ PLUG & SOCKET ENCLOSURE DISTRIBUTION BOARDS (METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
775031	20A Metal Plug & Socket DB	980.00	01/15
775032	30A Metal Plug & Socket DB	1050.00	01



KAPTAIN SPN-DOUBLE DOOR DISTRIBUTION BOARDS (METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
772001	4 WAY	1480.00	01/06
772002	6 WAY	1850.00	01/06
772003	8 WAY	2030.00	01/06
772005	12 WAY	2525.00	01/03
772006	16 WAY	3275.00	01/03



KAPTAIN TPN-DOUBLE DOOR DISTRIBUTION BOARDS (METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
774001	4 WAY	3700.00	01/02
774002	6 WAY	4625.00	01/02
774003	8 WAY	5650.00	01/02
774005	12 WAY	7675.00	01/02



KAPTAIN T.V & TELEPHONE-DOUBLE DOOR DISTRIBUTION BOARDS (METAL BASE WITH METAL DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
775001	T.V. & Telephone	2575.00	01



KLICK SPN-DOUBLE DOOR DISTRIBUTION BOARDS (METAL BASE WITH PLASTIC DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
872001	4 WAY	1360.00	01/10
872002	6 WAY	1660.00	01/06
872003	8 WAY	1820.00	01/06
872005	12 WAY	2300.00	01/04
872006	16 WAY	3000.00	01/03



PREMIUM SPN-DOUBLE DOOR DISTRIBUTION BOARDS (METAL BASE WITH PHOTO FRAME DOOR)

CODE	TYPE	MRP (₹) PER UNIT	PACK
872015	13 WAY	3400.00	01/03
872016	16 WAY	4550.00	01/03

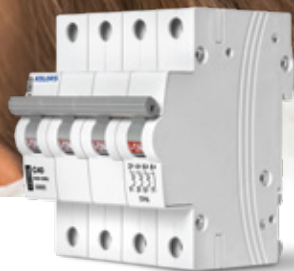




ENGINEERING PLASTIC DOOR DISTRIBUTION BOARDS

- External door with replaceable picture
- Push operated lock door
- 100A Bus Bar

Life is **beautiful**.
We just make it **safe**.



Turn  **SAFETY**





Safety Information

- To reduce the risk of fire or electric shock, do not use your product near water, including dripping or splashing sources (e.g.-indoor fountains).
- Do not use your product near heat sources (e.g. - radiators, heat registers, stoves, open flames, such as lighted candles).
- The product should be installed in line with installation rules and preferably by qualified electricians. Do not open up, dismantle or modify the product except where specifically required to do so by the instructions. Any attempt made to rectify, dismantle or alter the product may lead electrical shock or may destroy the product for which company is not responsible.

Disclaimer

- The print process does not allow for exact reproduction of the material, color, print and finishes of the products. Actual products may vary from the product shown in this catalogue.
- The photographs shown in this catalogue are for representation purpose only.
- KOLORS, KWIKTRIP are registered trademark of Kolors India Private Limited.
- KWIKTRIP MCB's carry a warranty, against manufacturing defects for a period of 2 years from the date of manufacturing.
- The warranty is however subject to proper usage and maintenance and does not cover defects arising out of improper installation, in efficient maintenance, faulty operation and willful or accidental damage including nonperformance, which is caused by an event constituting Force Majeure i.e. including (but not limited to) pandemic, fire, floods, administrative orders etc.
- The Company undertakes to replace or repair products at its discretion should it become defective solely as a result of faulty materials or workmanship within 2 years .The warranty will be invalid if the product has not been installed or maintained in accordance with the Company's instruction, or in any attempts has been made to rectify, dismantle or alter the product. Company is also not responsible for any consequential loss or damage or installation costs arising out of the same.
- The Warranty does not extend to cover consequential loss, including personal injury or damage or installation costs arising out of, or in connection with, defects in the products including claim by third party.
- Limitation of liability: Company shall not be liable for any special, indirect, incidental or consequential damages what so ever including but not limited to loss of profit, revenue or data whether direct or indirect or commercial loss for breach of any express or implied warranty on your product even if company has been advised of the possibility of such damages.
- All Kolors products must be opened and repaired exclusively by personnel trained and approved by Kolors. Any unauthorized opening or repair completely cancel all liabilities and warranty.
- The Company reserves the right to modify or change the product design and specification in the future without prior intimation. Similarly, colors and finishes are also liable to change without any prior intimation.
- Proof of purchase to be retained to avail warranty.
- Burnt MCB's would not be covered under warranty.
- MRP is in Indian rupees and inclusive of GST as applicable.
- This cancels all our previous Price List.
- The data provided here are indicative & may be revised without prior intimation.



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