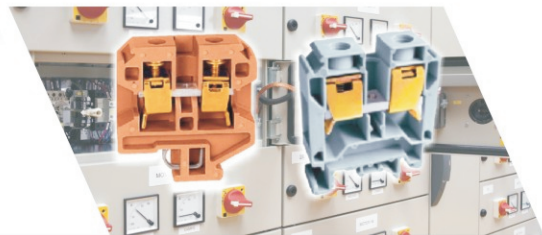




Product Profile



ONLOAD CHANGEOVER SWITCH



RANGE : 63 Amp.~1250 Amp.
SPECIFICATION : IEC60947-2

FEATURES:

- 80 KA Breaking Capacity
- Available In 4p Version, 3p Version
- Quick Make Quick Break mechanism
- Compact Body
- Increased Thermal Withstand Capacity of Switch Body
- Bettered Insulation Voltage
- High Mechanical & Electrical Life
- Mounting Possible In Both Horizontal and Vertical Position
- Available In open Execution and Sheet Steel Enclosure

LOAD BREAK SWITCHES & ONLOAD BYPASS SWITCH



RANGE : 63Amp.~1250 Amp.
SPECIFICATION : IEC60947-2

FEATURES:

- 80 KA Breaking Capacity
- Available In 4p Version, 3p Version
- Quick Make Quick Break mechanism
- Compact Body
- Increased Thermal Withstand Capacity of Switch Body
- Bettered Insulation Voltage
- High Mechanical & Electrical Life
- Mounting Possible In Both Horizontal and Vertical Position
- Available In open Execution and Sheet Steel Enclosure

SWITCH FUSE DISCONNECTOR (SDF)

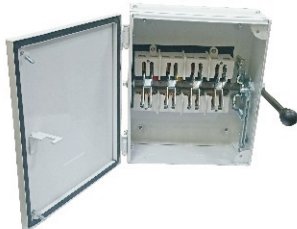


RANGE : 63Amp.~125Amp.
SPECIFICATION : IEC60947-2

FEATURES:

- 80 KA Breaking Capacity
- Available in din type & bolted type fuse
- Available In 4p Version, 3p Version
- Quick Make Quick Break mechanism
- Compact Body
- Increased Thermal Withstand Capacity of Switch Body
- Bettered Insulation Voltage
- High Mechanical & Electrical Life
- Mounting Possible In Both Horizontal and Vertical Position
- Available In open Execution and Sheet Steel Enclosure

CHANGEOVER SWITCH SIDE HANDLE



RANGE : 32Amp.~630 Amp.
SPECIFICATION : IEC60947-2

FEATURES:

- Utilization Category : AC22A.
- Side handle operated Switches Suitable for Off Load applications.
- Enclosed fabricated steel sheet with phosphate coating by seven tank system.
- Powder coated to give lasting surface protection.
- Provision for door inter locking
- Termination suitable for Copper, Aluminium Cable
- Adequate lockout outs provided in the enclosure for cable entry

MAIN SWITCH TRIPLE POLE (SIDE HANDLE) & MAIN SWITCH DOUBLE BRAKE (HRC) SIDE HANDLE



RANGE : 32 Amp.~630 Amp.
SPECIFICATION : IEC60947-2

FEATURES:

- Surface mounting switch unit for industrial & Commercial applications.
- The Quick Make Quick Break mechanism independent of operator speed.
- Minimum arcing.
- TIN plated terminals suitable for copper / Aluminium Cable / Bus Bar termination.
- Switches are provided with Door interlock electrical contacts are made of electrolytic grade Copper, TIN Plated.
- Ample Cabling Space Provided in detachable gland Plates.
- The enclosures are surface mounted, made of thick gauge CRC Sheets, Rust protected, with 7 tank cleaning.
- Systems and powder coated for long life.

BUS BAR CHAMBER (FOUR POLE)



RANGE : 32 Amp.~630 Amp.
FEATURES :

- Electrolytic Grade Copper
- TIN plated terminals suitable for copper / Aluminum Cable / Bus Bar termination.
- The enclosures are surface mounted, made of thick gauge CRC Sheets, Rust protected, with 7 tank cleaning.
- Systems and powder coated for long life.
- Enclosure can be mount vertically & horizontally
- Removable gland plate with knockout provision
- Liberal space between cable busbar & live parts
- Simple & efficient system configuration
- Easy, flexible & time saving configuration

MINIATURE CIRCUIT BREAKER (MCB)



RANGE :

- 6 Amp. ~ 63 Amp. - 'C' Curve
- 80 Amp. ~ 125 Amp. - 'C' Curve

EXECUTION :

- SP, SPN, DP, TP, TPN, FP

SPECIFICATION :

- IS / IEC 60898 - 1
- IEC 60898 - 2 for DC Application
- IEC 60947 - 2 for Industrial Application

FEATURES :

- Precise hammer action
- Low Power consumption, thus cost effective & energy saving
- 12 Plates Arc chute for effective arc quenching
- Trip free mechanism
- Longer electrical life
- Wide range availability
- Pull up terminals

MCB DISTRIBUTION BOX DELUXE SERIES



RANGE :

- SPN DB - 6, 8, 10, 12, 14 & 16 way
- TPN DB - 4, 6, 8 & 12 way
- VTPN DB - 4, 6, 8, & 12 way

SPECIFICATION :

- IEC 61439 - 3, IS 13032 & IS 8623

FEATURES :

- Compact DBs which occupy minimum space.
- Raised neutral link for easy wiring.
- Suitable for surface & flush mounting.
- Supplied with fully shielded busbars
- Level marks for providing indication for fitment in well
- Supplied with neutral & earth link, top & bottom detachable plates
- Supplied with masking sheet to protect components from cements during plastering (optional)

MCB DISTRIBUTION BOX ECONOMY SERIES



RANGE :

- SPN DB - 4, 6, 8, 12 & 16 way
- TPN DB - 4, 6, 8, & 12 way

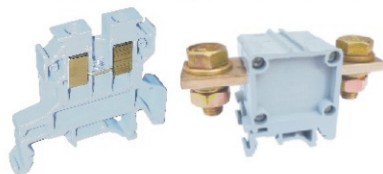
SPECIFICATION :

- IEC 61439 - 3
- IS 13032 & IS 8623

FEATURES :

- Unlimited Protection offered through the metal double door (Ip43 Degree of protection).
- Flexibility to pan the door from either side.
- Pan assembly for ease of installation of MCBs/ RCCBs.
- Suitable for the flush and surface mounting.
- Ample space for wiring to ensure proper distribution of neutral & earth wire.
- Shrouded insulated neutral link prevent Accidental Contact with live parts and makes the board resistant towards shock during use.

TERMINAL BLOCK POLYAMIDE



RATING :

- 1.5 sq. mm. – 95 sq. mm.

SPECIFICATION :

- IEC60947-7-1

MATERIAL DATA :

- Housing:-PA 6.6
- Standard Colour :- Grey
- Other Colour Variants :- Red, Yellow, Blue, Black, Green

FEATURE :

- Rated Voltage 750V AC
- Wire entry orientation side entry
- Mounting Possibility Din 32/ Din 35
- Pollution Degree 3

TYPE AVAILABLE :

- Screw Clamp Terminal Block
- Stud Type Terminal Block
- Fuse Terminal Block
- Disconnecting Terminal Block
- Plug Socket Terminal Block

TERMINAL BLOCK MELAMINE



RATING :

- 2.5 sq. mm. – 95 sq. mm.

SPECIFICATION :

- IEC60947-7-1

MATERIAL DATA :

- Housing:-Melamine
- Standard Color:- Khaki

FEATURE :

- Rated Voltage 750V AC
- Wire entry orientation side entry
- Mounting Possibility Din 32

TYPE AVAILABLE :

- Screw Clamp Terminal Block
- Stud Type Terminal Block
- Disconnecting Type Terminal Block

TERMINAL STRIPS OPEN TYPE



RATING :

- 30 Amp.
- 2 way - 12 way

SPECIFICATION :

- IEC 60947-7-1

MATERIAL DATA :

- Housing PBT Standard
- Color - Grey

FEATURE :

- Rated Voltage 750V AC
- Wire entry orientation side entry
- Pollution Degree 3

HRC FUSE HOLDER - HRC FUSE BASE



RATING :

- 20 Amp. – 630 Amp.

SPECIFICATION :

- IS:13703-2-1
- IEC 269-1986

FEATURES :

- Breaking Capacity 80KA, 500V AC, 50Hz
- Front & bus bar connection option for fuse holders
- Low watt loss

HRC FUSE LINK (DIN TYPE) HRC FUSE LINK (BOLTED TYPE)



RATING :

- 2 Amp. – 630 Amp.

SPECIFICATION :

- IS:13703-2-1
- IEC 269-1986

FEATURES :

- Breaking Capacity 80KA, 500V / 415V, AC, 50Hz
- Low watt loss

NEUTRAL LINK



RATING :

- 32 Amp. – 400 Amp.

SPECIFICATION :

- IS:13703-2-1
- IEC 269-1986

FEATURES :

- Temperature Range - 30°C to 75°C
- Insulation Resistance - 20MΩ at 500V AC
- Dielectric & strength 2500V rms between the conductors
- Brass Connector with Tin plated

STANDARD CONNECTION PLATE



RATING :

- 63 Amp. - 315 Amp.

MATERIAL :

- PF Moulded
- DMC Moulded

COLOR :

- Black, Grey

FEATURES :

- Temperature Range - 30°C to 75°C
- Insulation Resistance 20MΩ at 500V AC

METAL CLAD PLUG & SOCKET



RATING :

- Single Phase - 20A (2P+E) 220V
- Three Phase - 20A, 30A & (3P+E+N) 440V

SPECIFICATION :

- IEC 309-3

FEATURES :

- Designed for human safety
- Robust Construction
- Outer casting made of non corroding die cast aluminum alloy
- Duly powder coated
- Interior molded of superior grade phenolic polyester compound
- The earth connection makes first & break last uniform contact pressure is maintained due to highly conductive and resilient material of the sleeve contacts

PLUG & SOCKET ENCLOSURE (WITHOUT MCB) WITH PLUG & SOCKET



RATING :

- SPN - 20 Amp. SP, 20 Amp. DP & 30Amp. TP
- TPN - 20Amp. TPN, 32Amp. TPN

COLOR :

- RAL 7035

SPECIFICATION :

- IS:13032 & IS:8623

FEATURES :

- Compact DBs Which occupy minimum space suitable for surface
- Suitable for the protection of application like ACs, Motors etc.

PUSH BUTTON & CONTACT ELEMENT



RATING :

- 10 Amp.

SPECIFICATION :

- IS:13947-5-1
- IEC 947-5-1

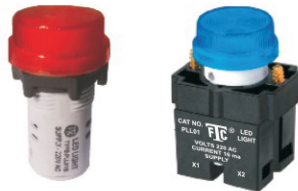
FEATURE :

- Degree of Protection IP 65
- Rated Insulation voltage
- Contact operation Self wiping slow break NO or NC
- Make and break AC 15, 5A 220V AC
- Operation Temperature -25°C+70°C
- Mechanical life over 1 million operations

COLOR :

- Red, Yellow, Blue, Green, Black, White

PILOT LAMP



OPERATING VOLTAGE :

- 12, 24, 48, 110 & 220V AC & DC

SPECIFICATION :

- IP65

FEATURES :

- 80% Energy saving
- Power consumption 0.5 Watt at 220V AC
- Operating temperature 4° to 75°C
- Flame retardant nylon glass filled provided with ribbed polycarbonate lens
- Insulation above 50MΩ
- Immune to vibration & shock resistance
- Fits with 22.5mm Standard cutouts
- Best illumination due to maximum lucent LED's

CAM OPERATED ROTARY SWITCHES



RANGE :

- 6 Amp. to 63 Amp.

SPECIFICATION :

- IS:13947-5-1
- IEC 947-5-1

FEATURE :

- Use upto 55°C/300°F
- With stand high voltage for 2.5kv for 1 minute between phase & earth terminal.
- Contact Blade are made of engineering grade plastic to increase life
- Switches are provide with two independent sets of double break type contact tips
- Mechanical life of 3 million operation
- Pollution degree 3

PUSH BUTTON STATION



RANGE :

- 1 way - 6 way

SPECIFICATION :

- IP 65

FEATURE :

- Ambient temperature for operation - 25 to 70°C
- Electrical shock protection Class 1
- Available in both aluminum alloy & poly carbonate
- Flush mounting on vertical support.
- Product destination for ø22mm Control & signaling unit

ELECTRONIC BUZZER



INDUSTRIAL HOOTER



RANGE :

- 110 Mtr. Electronic Buzzer
- 110 Mtr. Industrial Hooter

FEATURE :

- Wide Operating Range 12V-220V both AC & DC
- Multi tone
- ABS Housing

PANEL FAN FILTERS & FINGER GUARD



SIZE AVAILABLE :

- 130 x 130mm
- 147 x 147mm
- 184 x 184mm
- 203 x 203mm
- 238 x 238mm
- 255 x 255mm

COLOR :

- Grey (7032)

MATERIAL :

- ABS, Nylon 6.6

AVAILABLE IN :

- Plane type
- Snap type

OIL TIGHT LIMIT SWITCH



RATING : 10 Amp.

SPECIFICATION : IS:13947-5-1, IEC 947-5-1

FEATURE :

- Completely oil & water tight, dust & damp proof
- Ample wiring space for easy termination
- Flame retardant thermoplastic barriers between terminals top prevent short-circuit
- Serrated terminals to give firm grip to straighten wire
- Flexibility of replacing complete contact blocks without changing the operating characteristic
- The SPDT twin-break silver contacts provide quick make and break action with high contact pressure
- The brass forged lever with steel roller and all stainless steel parts provide high rigidity and corrosion resistance

ANALOG PANEL METERS



RATING :

- 0-500V & 0-1200 Amp.

SPECIFICATION :

- IEC 608151-2

FEATURE :

- Linear Scale
- Special Color Scale & Marks for different range on request
- Anti glare glass
- Engineering plastic housing
- Class 1.5 Accuracy
- Operating Temperature - 10°C to 55°C

Size :

- 72 x 72 mm
- 96 x 96 mm

DIGITAL PANEL METERS



RATING :

- 0-500V, 0-800 Amp & 0-75 Hz

FEATURE :

- 7 Segment LED Display 3 Digit Display configuration
- 0.5% of full scale over rated Operating condition
- 240V AC \pm 20% (50Hz) supply voltage
- 1 Phase - 2 Wire Electrical Connection
- Engineering plastic housing

Size :

- 72 x 72 mm
- 96 x 96 mm

FOOT SWITCH



RATING :

- 10 Amp.

SPECIFICATION :

- IS:13947-5-1
- IEC 947-5-1

FEATURE :

- Dielectric strength 2500V per minute
- Utilization category AC 15, DC 13,
- Contacts 1 NO + 1 NC SPDT
- Housing Material ABS & Cast Aluminum
- Insulation Resistance 2 mega ohm
- Insulation voltage 600V AC

TOGGLE SWITCH



RATING :

- 6 Amp. -15 Amp.

FEATURE :

- Brass actuator with chrome plating
- Panel thickness 5mm (max)
- Operating range SPST, SPDT, DPST, DPDT
- Housing nylon 6.6
- Pollution degree-3

CURRENT TRANSFORMERS (CT)



RATING :

- 30-5000 Amp.

SPECIFICATION :

- IS:2705/1994
- IEC 61869-2

FEATURE

- Class - 5.0 & 1.0
- Insulation level : 3.0kv

FTC SWITCHGEAR PVT. LTD.

Corporate Office & International Business Division

1604 - 1605, Modern Industrial Estate (MIE), Part-B, Bahadurgarh Distt. Jhajjar, Haryana - 124507, India

Tel.: +91-1276-267020, +91-1276-267021 Cell.: +91-9999022077, +91-8800863938

E-mail : ftcindia@gmail.com - Website : www.ftcswitchgear.com