

Since
1998



AN ISO 9001 : 2015 CERTIFIED COMPANY

SOLDIER®

Safe electricity safe life ...

LV Switchgears & Protection Devices

2024

Product Information and
Catalogue



MCB | RCCB | DISTRIBUTION BOARDS | SWITCHGEARS



We don't tell, Our product speaks the Quality !

Soldier switchgear was established in 1998 with a vision to ensure electrical safety and efficiency. At soldier we manufacture and deliver product that assure you the utmost safety and reliability.

Our products have been manufactured using best-in-class raw materials to ensure safe and efficient distribution of power.

Our long term strategy has helped us to achieve our customer base and to increase our market presence.

Our products have been tested in nabl accredited labs that assures you quality and reliability of our products. Our approvals such as CE, ISO 9001:2015, ROHS and other further attest to our consistent performance.

certificates & credentials

[illegible]

MSME

[illegible]


ROHS

[illegible]





CE

 <p>QUALITY RESEARCH ORGANIZATION</p>	
<h2>Certificate of Registration</h2>	
<p>This is to certify that</p>	
<p>SOLDIER SWITCHGEAR</p>	
<p>103F, GP. STREET NO. WEST GANESH PARK, SHANDARA, NEW DELHI - 110032, INDIA</p>	
<p>has been independently assessed by QRO and is compliant with the requirement of</p>	
<p>ISO 9001:2015</p>	
<p>Quality Management System</p>	
<p>for the following scope of activities:</p>	
<p>DESIGN & DEVELOPMENT OF ELECTRICAL EQUIPMENTS, MANUFACTURING, ASSEMBLY, TESTING, PACKAGING, DELIVERY, AFTER SALES, DISTRIBUTION, SUPPORT AND MAINTENANCE. POWER, PROCESS EXTRACTION, TAPING, A SCHEMATIC AND ELECTRICAL DRAWING PREPARED, AND THE QUALITY MANAGEMENT SYSTEMS, DESIGN, DEVELOPMENT, TESTING, MANUFACTURING, ASSEMBLY, TESTING, PACKAGING, DELIVERY, AFTER SALES, DISTRIBUTION, SUPPORT AND MAINTENANCE.</p>	
<p>Date of Certificate: 18th March 2023 1st Surveillance Audit Date: 17th March 2023</p>	<p>2nd Surveillance Audit Date: 17th March 2023 Certificate Expiry Date: 17th March 2024</p>
<p>Certificate Number: J05021038121Q</p>	
<div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p style="text-align: right;">  Head of Certification </p>	
<p><small>Validity of the certificate is subject to regular surveillance audits to be accessible, as follows: 30 days after date of the certificate. Any surveillance audits are to be conducted within the certificate valid period (referenced).</small></p> <p><small>This certificate is issued on the condition that the certificate holder will accept the terms and conditions of registration.</small></p> <p style="text-align: center;"> Issued by: Quality Research Organization LLP 103, Barhara, New Delhi - 110032, India Email: info@qro.in certification@qro.in Phone: +91-11-26100000 Fax: +91-11-26100001 </p>	

ISO 9001 : 2015



NEC INRIA TEST LABORATORIES LLP
 #001 202-810-0100
 #001 202-810-0101
 #001 202-810-0102

 info@nec-test.com  www.nec-test.com
 #001 202-810-0103
 5555 KENNEDY RD. #4000, VANCOUVER, BC
 V6M 4K5, CANADA


Test Report

Report No. **0027/19** (2022-01-08)

FAIRLY TEST RESULTS


No.	Test Name	Specified Requirement	Observation	Pass
1	Temperature Stress Test	Test Conditions: 1. Test duration: 10 min 2. Test duration: 60 min 3. Ambient temperature: 30°C Acceptance criteria: The temperature rise shall not exceed the specified value (as per standard).	Values are within the specified range (Refer Table 02)	Pass
2	Electronic Strength Test	Test Conditions: 1. Conditioning: 20 min 2. Test duration: 1 min 3. Test Condition: 1 min Acceptance criteria: No failure or degradation (shall occur during the test).	No failure or degradation observed	Pass
3	Heat Shock Strength Test	Test Conditions: 1. Test duration: 1 min 2. Temperature: 100°C 3. Temperature: 20°C Acceptance criteria: No failure or degradation (shall occur during the test).	No failure or degradation observed (as per standard)	Pass
4	Thermal Shock and thermal distance	Test Conditions: 1. Test duration: 2 min 2. Induction: 10 min 3. Hold: 10 min Acceptance criteria: The maximum and minimum distance shall not more than the maximum specified values.	Values are more than the maximum specified values (Refer Table 03)	Pass

Page 3 of 4



Pradeep Kumar
 Technical Manager
 Ashish Negi

IS 13032:1991

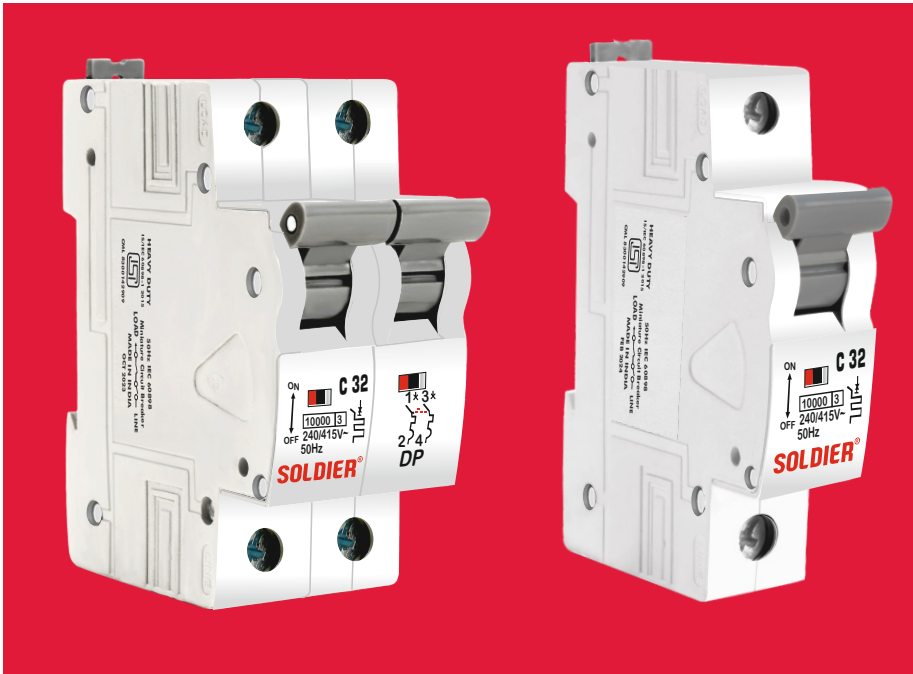
 ICREA STUDENT LABORATORIES LLP 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000 1001, 1002, 1003, 1004, 1005, 1006, 1007, 1008, 1009, 1010, 1011, 1012, 1013, 1014, 1015, 1016, 1017, 1018, 1019, 1020, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1028, 1029, 1030, 1031, 1032, 1033, 1034, 1035, 1036, 1037, 1038, 1039, 1040, 1041, 1042, 1043, 1044, 1045, 1046, 1047, 1048, 1049, 1050, 1051, 1052, 1053, 1054, 1055, 1056, 1057, 1058, 1059, 1060, 1061, 1062, 1063, 1064, 1065, 1066, 1067, 1068, 1069, 1070, 1071, 1072, 1073, 1074, 1075, 1076, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1086, 1087, 1088, 1089, 1090, 1091, 1092, 1093, 1094, 1095, 1096, 1097, 1098, 1099, 1100, 1101, 1102, 1103, 1104, 1105, 1106, 1107, 1108, 1109, 1110, 1111, 1112, 1113, 1114, 1115, 1116, 1117, 1118, 1119, 1120, 1121, 1122, 1123, 1124, 1125, 1126, 1127, 1128, 1129, 1130, 1131, 1132, 1133, 1134, 1135, 1136, 1137, 1138, 1139, 1140, 1141, 1142, 1143, 1144, 1145, 1146, 1147, 1148, 1149, 1150, 1151, 1152, 1153, 1154, 1155, 1156, 1157, 1158, 1159, 1160, 1161, 1162, 1163, 1164, 1165, 1166, 1167,	
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IP 43

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Ik09

MINIATURE CIRCUIT BREAKER (MCB)



Operation Principle and Specifications

MCB's (Miniature circuit breakers) are electro mechanical devices which protect an electric circuit from overloading and short circuit. The over current, in an electrical circuit may occur from short circuit, overloading or any faults in electrical wiring.

MCB's are a alternative to a porcelain fuse carrier since it does not requires replacement in case of overload and short circuit. The ease of operation makes mcb's easy to operate and is cost effective as compared to fuse carrier.

Soldier MCB's have been designed and manufactured by using high quality material to fulfil your objective and meet the demand needed.

Thermal Operation (Overload Protection):

The thermal operation provides protection from moderate overloads. Under overload condition, a thermo-metallic element (bimetallic strip) becomes overheated, which deflects or bends until it operates a latching mechanism allowing the main contacts to open.

Magnetic Operation (Short-circuit Protection):

In magnetic operation, short circuit current actuates a coil or solenoid causing a plunger to strike the latching mechanism & make latch to be displaced which separate main contacts. As the contacts are separated in event of overload or short circuit conditions, an electric arc is formed, this arc than goes up through the arc runner and enters into arc splitters and finally quenched.

SALIENT FEATURES

BREAKING CAPACITY

MCB's are designed to withstand a Breaking Capacity of 10000A.

IP20 PROTECTION

We realise the importance of safety and thus have designed the MCB's in such a way that no live parts are exposed to human contact.

ERGONOMIC DOLLY KNOB

Easy to operate On/Off marking to know the Status of MCB

CONTACT POSITION INDICATION

Soldier MCB's has Red and Green indication provided below the knob that indicates ON/OFF contact position irrespective of mounting or knob position to identify the real position of contact in-side the MCB's

BI-STABLE DIN CLIP

MCB's can be conveniently mounted on DIN Rail (standard size of Din rail is 35 mm) and can be easily replaced without disturbing your existing wiring.

SPECIALLY DESIGNED ARC CHAMBER

12 plates arc chamber is provided for Quick & Efficient arc quenching

5 YEAR
WARRANTY



TECHNICAL SPECIFICATIONS

Standard Conformity

IS/IEC:60898-1

Standard Rated Current (In)

6Amp - 63Amp , C Curve

Execution

SP, SPN, DP, TP, TPN

Rated Short Circuit Capacity

10000A (10kA)

Rated Voltage

240/415 Volts

Rated Frequency

50Hz

Rated Insulation Voltage

660 V AC

Energy Limiting Class

Class 3

Tripping Mechanism

Magnetic & Thermal

Terminal Capacity

25 sq. mm

Protection Class

IP20

Contact Indication

Red - On, Green - Off

Mounting

Din Rail (35 mm x 7 mm)

Dielectric Strength

2.5kV

Power Loss

As per the IS/IEC Standards

RESIDUAL CURRENT CIRCUIT BREAKER

Soldier, RCCB (Residual Current circuit breaker) for protection against earth leakage . The RCCB is a switching device that carries and breaks current. It is to be used in association with miniature circuit breakers, its function is to detect earth leakage current and open the connected circuit to protect people and equipment.



WORKING PRINCIPLE OF RESIDUAL CURRENT CIRCUIT BREAKER

The flow of current through electrical facilities always involves risks. Poorly insulated equipment, faulty wires and incorrect use of electrical devices cause current to flow through the wrong path (i.e. through the insulation) to the earth. This current is called 'Leakage Current'.

Earth leakage is an electrical hazard and is responsible for electrical shocks and fires. Earth leakage and its associated hazards can be prevented by Residual Current Circuit Breaker (RCCB) that is also popularly known as Earth Leakage Circuit Breaker (ELCB). On sensing residual current, the RCCB is triggered to trip off the circuit.

FEATURES

- Simple and Robust operating mechanism.
- Dual termination for Bus Bar as well as cable connection
- Advance neutral
- Test button for regular inspection
- Positive contact indication

RESIDUAL CURRENT CIRCUIT BREAKER

RCCB TRIPPING TEST

Identifying earth leakage fault with RCCBs is very simple. First, switch off all the switches/MCB's switch the RCCB ON and then switch on the remaining switches one after the other. When you find the RCCB trips repeatedly on switching one circuit on, you have found the faulty circuit. This is the quickest way to identify a faulty circuit/appliance. You can then isolate that faulty circuit, rectify the fault and switch ON the RCCB.

SELECTION OF RCCB

RCCB Ratings (mA)	Applications
30 mA	Human Protection / Domestic Installation
100 mA	Limited Human Protection / Machine Protection
300 mA	Industries / Buildings

TECHNICAL SPECIFICATIONS

Standard Conformity
IS 12640-1: 2016, IEC 61008-1

Standard Rated Current (In)
25A, 40A & 63A

Execution
DP, FP

Rated Short Circuit Capacity
6000A (6kA)

Rated Voltage
240/415 Volts

Rated Frequency
50Hz

Rated Insulation Voltage
660 V AC

Protection
Against earth fault / Leakage current

Tripping Mechanism
Electro - Mechanical

Terminal Capacity
35 sq. mm

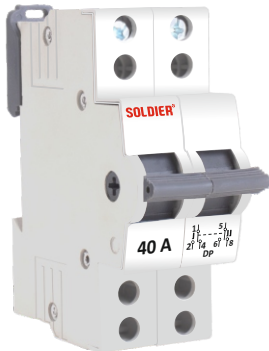
Protection Class
IP 20

Contact Indication
Red - On, Green - Off

Mounting
Din Rail (35 mm x 7 mm)

Dielectric Strength
2.5kV

Rated Sensitivity
30mA, 100mA & 300mA



TWO WAY CENTRE OFF CHANGEOVER SWITCH

SOLDIER Mini Changeover Switch is a manual operated changeover switch for switching load between two power supplies. MCB Changeover switch finds wide applications in residential, commercial as well as in industries area. This switching device widely accepted For Individual Bungalow (IB) which is having low voltage distribution circuits. Changeover switches are used to shift from one source of supply to another source and vice versa. MCB changeover switch comes in 2P (Double Pole) and 4P (Four Pole) versions, for single and three phase application respectively. It has three positions (I-O-II) with centre-off.

TECHNICAL SPECIFICATIONS

Standard Conformity

IS/IEC 60947-3

Standard Rated Current (In)

40A & 63A

Execution

DP, FP

Rated Impulse voltage

4KV

Rated Voltage

240/415 Volts

Rated Frequency

50Hz

Rated Insulation Voltage

660 V AC

Utilisation category

AC22A

Electrical Endurance life

10,000

Terminal Capacity

35 sq. mm

Protection Class

IP 20

Operating Temperature

-25°C to 60°C

Mounting

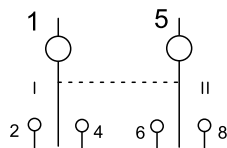
Din Rail (35 mm x 7 mm)

Di electric Strength

2.5kV

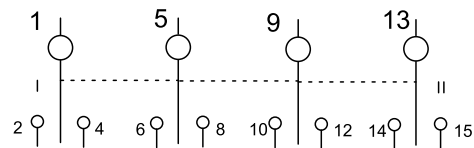
Storage Temperature

-25° C to 60°C



- "I" Incoming terminals (main supply) 2 & 6
- "I" Incoming terminals (standby supply) 4 & 8
- Outgoing terminals (to load) 1 & 5
- No Load/Off position

Two Pole (DP)



- "I" Incoming terminals (main supply) 2, 6, 10 & 14
- "I" Incoming terminals (standby supply) 4, 8, 12 & 15
- Outgoing terminals (to load) 1, 5, 9 & 13
- No Load/Off position

Four Pole (FP)

ISOLATOR



SOLDIER Isolators are switch disconnectors with Independent manual operation, capable of making, carrying and breaking current under normal circuit conditions. These devices ensures complete de-energization of the electrical circuits of residential & commercial areas & also adheres to the required standard.

TECHNICAL SPECIFICATIONS

Standard Conformity IS/IEC 60947-3	Standard Rated Current (In) 40A & 63A
Rated Impulse voltage 6000A (6kA)	Rated Voltage 240/415 Volts
Rated Insulation Voltage 660 V AC	Execution DP, FP
Terminal Capacity 35 sq. mm	Protection Class IP 20
Mounting Din Rail (35 mm x 7 mm)	Utilization Category AC 22A

TINY MCB

Soldier TINY Miniature Circuit Breaker (TINY-MCB) is an advanced product range of the most compact circuit breaker available in the world, incorporating all the safety features of a traditional MCB. Powered by the new age technology, it redefines the concept of protection. It thus offers undeterred protection from overload and short-circuit, securing the precious appliances by increasing their operational longevity.



TECHNICAL SPECIFICATIONS

Standard Conformity IS/IEC 60898-1:2002	Standard Rated Current (In) 6Amp - 32Amp
Rated Impulse voltage 3000A (3kA)	Rated Voltage 240/415 Volts
Rated Frequency 50Hz	Execution SP, DP



SWITCHGEARS

SOLDIER manufactures high quality general purpose switchgears that includes high grade porcelain fuse, offload changeover switch fuse unit, busbar chambers. To meet our customers demand our products are manufactured under highest standards that meet our quality standards. Our products are manufactured from high quality raw materials that ensures our products quality.

Features

- Use of high grade ETP copper parts.
- In accordance with IS/IEC 60947-3.
- Quick make and break mechanics from both side.
- Sheet metal enclosures undergo 8 tank phosphating process to ensure anti-rust conditioning, superior finish and lasting strength.
- Fitted with detachable and PVC gasket packing for weather proofing.
- For maximum safety all doors are incorporated with an interlocking device so that they open only when the switch handle is in "OFF" position.
- Ip20 Degree protection.
- Fully powder coated in 60 micron powder coating thickness.
- Light grey texture finish powder coating.

OFFLOAD CHANGEOVER SWITCH

Soldier OFFLOAD CHANGEOVER SWITCHES are fabricated cut of high quality CRCA steel sheets with high quality powder coating at optimum condition to adhere to the defined safety standards and to prevent rust formation. Units are designed for the surface mounting and it offers high conductivity and longer functional life

Specifications :

Standard Ratings	: 16A, 32A, 63A, 100A, 200A 320A, 400A, 630A
No of Poles	: 2P, 4P
Rated Voltage	: 240 /415V
Enclosure Type	: CRCA sheet steel duty powder coated & phosphated
Degree of protection	: IP20



SWITCH FUSE UNIT

Soldier SWITCH FUSE UNIT are fabricated cut of high quality CRCA steel sheets with high quality powder coating at optimum condition to adhere to the defined safety standards and to prevent rust formation. Units are designed for the surface mounting and it offers high conductivity and longer functional life

Specifications :

Standard Ratings	: 16A, 32A, 63A, 100A, 200A 320A, 400A, 630A
No of Poles	: 2P, 3P+N
Rated Voltage	: 240 /415V
Enclosure Type	: CRCA sheet steel duty powder coated & phosphated
Degree of protection	: IP20

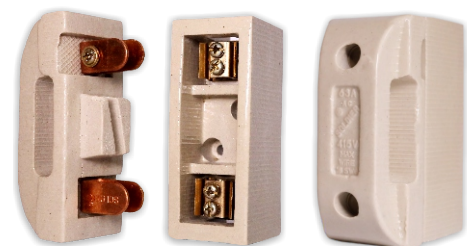


PORCELAIN FUSE UNIT

Soldier PORCELAIN FUSE UNIT are re-wireable fuse specifically utilised in industrial, domestic and commercial electrical fittings ensuring power supply with no disturbance. The fuse unit are made of porcelain with parts made of copper and brass to ensure flawless power distribution.

Specifications :

Standard Ratings	: 16A, 32A, 63A, 100A, 200A, 320A 500A
Rated Voltage	: 240 /415V
Rated Frequency	: 50Hz
Reference Standard	: IS 2086:1993



BUSBAR CHAMBER



Soldier BUSBAR CHAMBERS are the metallic strips or bars, housed inside the switchgear, panel boards and busway enclosures for high current power distribution and ensure straight forward network configuration. The main purpose of using it is to conduct a substantial current of electricity.

Benefits & Features :

- Has high short- circuit strength and low fire load.
- Ratings : 32A, 63A, 100A, 200A, 320A, 400A.
- Aesthetic step design for busbar holder.
- High conductivity copper busbar made from ETP.
- Ample wiring space for safe & reliable power distribution.
- Rated frequency : 50Hz
- Light grey texture finish powder coating.
- Covers are detachable and PVC gasket packing for weather proofing.
- Fully Powder coated in 60 micron powder coating thickness.
- Sheet metal enclosures undergo 8 tank phosphating process to ensure anti-rust conditioning superior finish and lasting strength.

Efficient & Safer

DISTRIBUTION BOARD'S

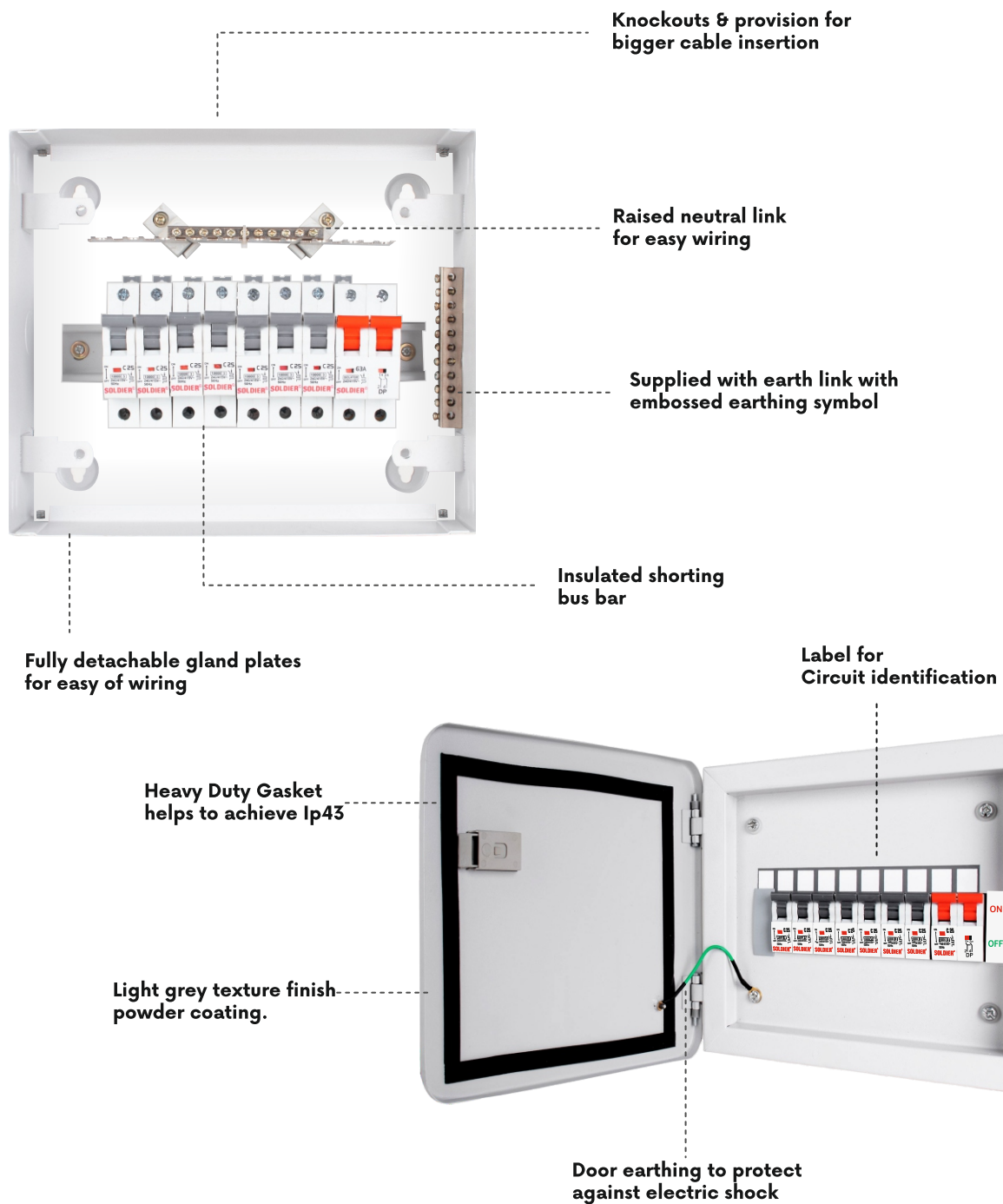
Soldier distribution boards make an essential part of any circuit in your homes, offices or any other place. They serve an important purpose and cannot be ignored at any cost. One of the most important devices, they make sure that the current is properly distributed to all the devices allowing proper functioning. This also makes sure that none of the devices suffer from the effects of over currents or short circuits.

Soldier distribution boards are manufactured with precision and high quality metal sheets that also ensures anti - rust powder coating that provides a long lasting strength and blends aesthetic, safety and quality.

The Soldier range of distribution boards are elegant when it comes to their looks. They fit in perfectly with the interiors of your homes, adding to the aesthetics. Available in different colors, the designer DBs serve a dual purpose. They not only save you from the harmful effects of current but also make your walls magnificent. The horizontal and vertical DBs give you the flexibility to choose the ones that are right for you.

Safety re-defined

Revolutionize your home with our **Distribution Boards** for unparalleled safety and efficiency.

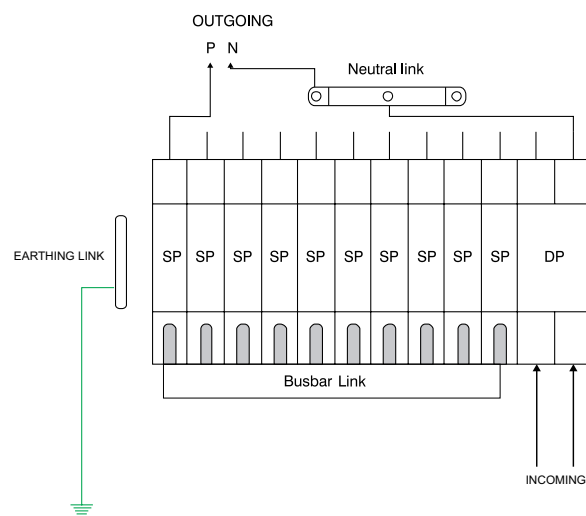


IP43 | PLATINUM DISTRIBUTION BOARD



Features :

- Conforms to IS/IEC 13032:1991
- Range available 4, 6, 8, 10, 12 & 16 ways
- Available in both SPN & TPN
- Suitable for Flush and Surface mounting
- IP 43 protection for double door DBs
- IK 09 for double doors DBs
- Available in CRCA sheet steel with anti-corrosive powder coating for superior finish
- Ready to use DBS with 100A insulated busbar, neutral link bar, earth bar blanking plates
- Provision for DP MCB/Isolators/RCCB as Incomer and SP MCB as outgoings



Please note : Wiring of electrical products should be done by trained professionals following all safety norms.

ULTRA DISTRIBUTION BOARD

Soldier Distribution Boards are specially designed to meet the requirements of all segments. These Boards are equipped with top and bottom removable gland plates with adequate number of knock outs, which enable easy installation and connection of conduits of all sizes. These distribution boards are designed that ensure easy installation with sturdy colour and impeccable protection. These Distribution Boards undergo a seven tank phosphating process to ensure an anti rust conditioning, superior finish and long lasting strength.

Features :

- Conforms to IS/IEC 13032:1991
- Range available 4, 6, 8, 10, 12 & 16 ways
- Available in both SPN & TPN
- Suitable for Flush and Surface mounting
- IP 43 protection for double door DBs
- IK 09 for double doors DBs
- Sheet metal enclosures undergo 8 tank phosphating process to ensure anti-rust conditioning superior finish and lasting strength
- Ready to use DBS with 100A insulated busbar, neutral link bar, earth bar blanking plates
- Provision for DP MCB/Isolators/RCCB as Incomer and SP MCB as outgoings



SINGLE DISTRIBUTION BOARD

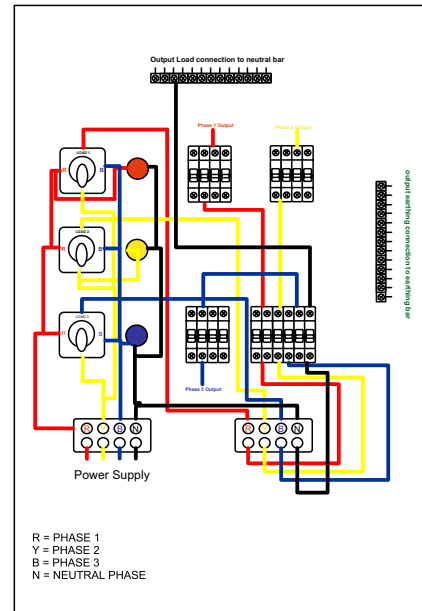
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Features :

- Conforms to IS/IEC 13032:1991
- Range available 4, 6, 8, 10, & 12 ways
- Available in SPN
- Suitable for Flush and Surface mounting
- Sheet metal enclosures undergo 8 tank phosphating process to ensure anti-rust conditioning superior finish and lasting strength
- Ready to use DBS with 100A insulated busbar, neutral link bar, earth bar blanking plates
- Provision for DP MCB/Isolators/RCCB as Incomer and SP MCB as outgoings



PHASE SELECTOR DB'S



Flush & Surface Mounting



Fitted with Rotary Switch



Connections with High Quality FR wire



Removable Gland Plates



Indicators for Phase Identification

Soldier Phase selector distribution boards are a type of TPN distribution board. A phase selector distribution board is equipped with three rotary switches each connected to one of the three incoming phases. Each single phase load is then distributed over the three outgoing phase connections. The phase selector distribution boards are mainly used to prevent the problem of phase cuts.

Features :

- Conforms to IS/IEC 13032:1991
- Range available 4, 6, 8 ways
- Suitable for Flush and Surface mounting
- IP 43 protection for double door DBs
- IK 09 for double doors DBs
- Available in CRCA sheet steel with anti-corrosive powder coating for superior finish
- Ready to use DBs with 3 nos. 63A Rotary switches (with wiring), 3 nos. Indicator for phase identification, 100a insulated busbar, earthing bar, blanking plates.
- Provision for DP MCB/Isolators/RCCB as Incomer and SP MCB as outgoings
- Light grey texture finish powder coating.

PHASE SELECTOR

Soldier phase selector board's provide flexibility in selecting and interchanging the phase in case there is power outage in one phase.

Benefit & Features :

- Suitable for surface & Flush mounting.
- Sufficient space for wiring.
- Pre-wiring with fitted rotary switch available.
- Available in both SPN & TPN.
- Ratings : 40A & 63A



AC DISTRIBUTION BOARD

Soldier ac distribution board are aesthetically designed & highly durable with great functioning metal clad plug & sockets and is suitable for the protection of applications like AC, Geyser etc.

Benefit & Features :

- High quality brass parts used for better conductivity.
- Conduit knockouts provided for different size cable connection.
- Provision of earthing terminal.
- Equipped with neutral link.
- Sockets made of aluminum to provide high insulation as well durability.



CAM OPERATED ROTARY SWITCH

CAM operated rotary switches are used to make or break operation in a sequential way by rotating the switch to different positions. The basic operating mechanism of Cam Switch is required to suit intended application coupled with "Quick-Make", "Quick-Make-Quick-Break" and "Spring Return" operating mechanisms are offered to cover wide range requirements.

Benefit & Features :

- Making & breaking of contacts.
- Silver tipped contacts that ensures high durability.
- Flame retardant housing.
- Suitable for industries as well as domestic purpose.
- Ratings : 40A, 63A & 100A



REVERSE FORWARD SWITCH

Soldier reverse forward switch is an electric switch that is capable of being connected in pairs in two different ways to reverse the flow direction of current.

Benefit & Features:

- Compact and Aesthetic Design.
- Housing made from high quality steel.
- Manufacturing of Bakelite block through CNC moulding.
- 99.99% ETP (Electrolytic Tough Pitch) copper used in static and moving parts.



MODULAR AC BOX | 4M

Soldier modular ac distribution board are aesthetically designed & highly durable with great functioning mini mcb with socket & Plug Top.

Benefit & Features:

- Compact and Aesthetic Design.
- Overload and short circuit protection.
- ISI Marked Mini MCB with short circuit breaking capacity of 3000A.
- Easy to Operate and Replace.
- Available with 25A MCB + 25A Socket & 16A Plug Top.



METAL PLUG & SOCKET

Soldier metal clad plug & socket are made out of non corroding die cast Aluminium alloy and are designed to avoid accidental finger contact with live parts and are provided with scraping earth feature to ensure earth connection are made first and break last. Sockets are provided with protective cap to ensure safety when not in use.

Benefit & Features:

- Outer casting made of non corroding die cast aluminium.
- Floating contacts for self-aligning to facilitate smooth plugging.
- Provides protection to incoming cables.
- Designed to avoid accidental finger contact with pins.
- Available in 20A 2P, 20A 3P, 32A 3P.



KWH STATIC METER'S

Soldier static meters are manufactured in a state of the art ISI certified facility. These meters deliver high accuracy readings and have a robust design. Our meters provide a low cost solution for better energy measurement. An effective resolution of 0.005 is provided so that even a small amount of energy will not be left unmetered. The meters are designed around a robust electronic circuiting. The meters are available in both single and three phase range to suit the varying customer demand.



Single Phase Static Meter (SILVER)

- Range 5-30A, 10-40A.
- Class 1.0 accuracy as per IS 13779.
- Phase available indication provided.
- Anti temper features.
- Operating temperature - 25°C to + 50°C
- Frequency 50Hz
- Available in Both LCD & Analog



Single Phase Static Meter (GOLD)

- Range 5-30A, 10-40A.
- Class 1.0 accuracy as per IS 13779.
- Phase available indication provided.
- Anti temper features.
- Operating temperature - 25°C to + 50°C
- Frequency 50Hz
- Available in Both LCD & Analog



Single Phase Static Meter (MULTIFUNCTION)

- Range 5-30A, 10-40A.
- Class 1.0 accuracy as per IS 13779.
- Phase available indication provided.
- Anti temper features.
- Operating temperature - 25°C to + 50°C
- Frequency 50Hz
- Battery backup to take unit readings even during power cut.
- Voltage reader & Ampere reader.
- Backlit Lcd display that makes easier to read readings.



Three Phase Static Meter

- Range 10-40A, 10-60A.
- Class 1.0 accuracy as per IS 13779.
- Phase available indication provided.
- Anti temper features.
- Operating temperature - 25°C to + 50°C
- Frequency 50Hz
- Available in Both LCD & Analog
- Multifunction meters are also available.

SELF ADHESIVE PVC INSULATION TAPE



0.125mm X 16mm X 6mtr

Soldier PVC Insulation Tape, with its outstanding specialized adhesive delivers unmatched performance. Its high tensile strength gives the additional benefit of excellent properties.

TECHNICAL SPECIFICATIONS

Nominal Thickness

0.125mm \pm 0.025mm

Length

6.0 mtr

Adhesion to Backing

1.3N / 10mm. Width (Min)

Di-Electric Strength (Room Temp.)

40kV / mm (Min)

Di-Electric Strength (Humid)

35kV / mm (Min)

Flammability

Self Extinguishing Type

Adhesive

Rubber Based

Colours



Tensile Strength

150 N/ 10 mm

Backing

PVC



IS:7809 (III)



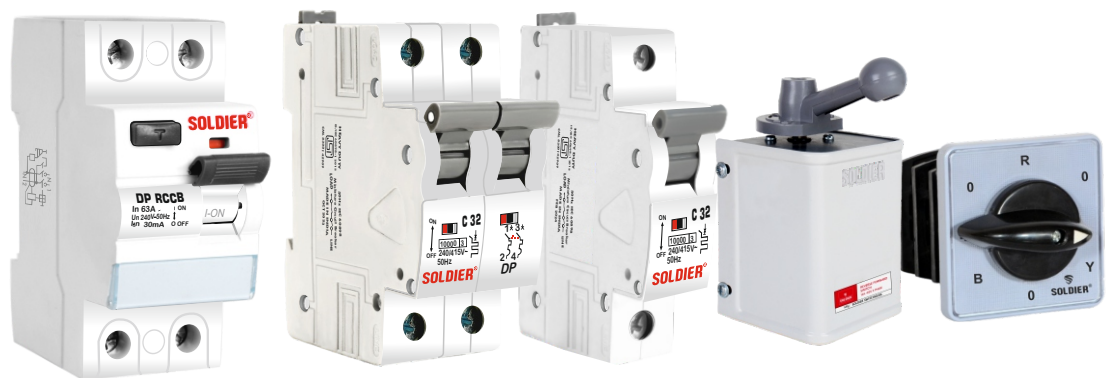
Please Note : For best result we recommend applying to surface that is clean, dry, smooth & free from dust , oil or any other contaminants.

Unmatched quality Exceptional performance

As a professional of low voltage products Soldier has established itself by experience of many years and workmanship. Committed to quality and safety we are recognized as a leading manufacturer in Low voltage switchgear products.

All our products are designed for extreme endurance and raw materials are chosen to withstand arduous conditions.

Today Soldier Stands for Quality, Safety and Reliability.



MCB | ISOLATOR | CHANGEOVER SWITCH | SWITCH FUSE UNIT



RCCB | KWH STATIC METER | DISTRIBUTION BOARDS



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