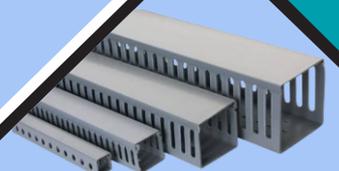




**K-LINKS**

**Quality You  
Can Trust**





**PANEL FAN**



**PANEL LOUVER**



**CHANGEOVER SWITCH**



**INDICATION LIGHT**



**CONTROL RELAY**



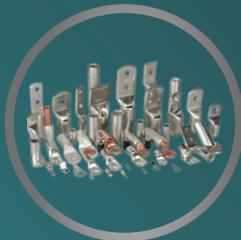
**PFI CAPACITOR**



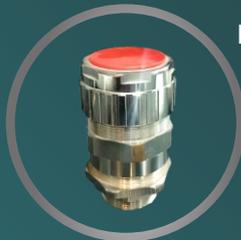
**PUSH BUTTON**



**PVC CABLE GLAND**



**COPPER LUG**



**DOUBLE COMPRESSION CABLE GLAND**



**TEMPERATURE CONTROLLER**



**HRC FUSE BOX**



**CURRENT TRANSFORMER**



**POWER SUPPLY**

**QUALITY  
YOU  
CAN  
TRUST**

8/26, Ghalib Street No. 20, Barkat Ali Road,  
Chowk Bull Road Near Ansa Tower, Lahore

042-37640047, 042-37640048

0333-6737921

0301-4238234

www.k-links.com.pk

sales@k-links.com.pk



# About Us

At K-**LINKS** , we are a trusted provider of high-quality electrical components and accessories, committed to powering innovation across industries. With a wide-ranging portfolio that includes Breakers, Relays, cables, connectors, circuit protection devices, switches, and more, we serve the needs of electrical switchgear manufacturers, contractors, OEMs, and industrial clients. Our dedication to quality, reliability, and timely delivery ensures our customers receive the right solutions to meet both standard and specialized requirements. Backed by expert support and a customer-first approach, we are your dependable partner in every electrical project.

**Quality** and reliability are the cornerstones of our business. Every product we supply is sourced / developed from reputable manufacturers and tested to meet stringent industry standards, ensuring lasting performance and safety. Our commitment doesn't end at delivery—we stand by our customers with responsive after-sales support, product warranty, technical guidance, and a dedication to building long-term **trust**.

<b>PRODUCT NAME</b>	<b>PAGE</b>
PVC CABLE DUCT	5
PANEL FAN & LOUVERS	6
CONTROL RELAYS	7
DIGITAL PANEL METER	8
ISOALATORS	9
SELECTOR SWITCH / CHANGEOVER SWITCH	9
INDICATION LIGHT	10
PUSH BUTTONS	11
TEMPERATURE CONTROLLERS	12
MEANWELL NDR SERIES DIN RAIL POWER SUPPLIES	13
INDUSTRIAL PLUGS AND SOCKETS	14
COPPER LUGS, PVC GLAND, TERMINAL BLOCK	15
DOUBLE COMPRESSION CABLE GLAND	16
PAN ASSEMBLY & NEUTRAL/GROUND LINKS	17
POWER FACTOR CORRECTION CAPACITOR	18
HRC FUSE AND FUSE BASES	18
INTELLIGENT REACTIVE POWER CONTROLLER	19
CT FOR LOW VOLTAGE	20,21
HYDRAULIC BUSBAR PROCESS	22
BUSBAR SUPPROTS / BAKELITES INSULATORS	23
PANEL HINGES / LIMIT SWITCHES	23
SUPPLY OF ABB / SCHENIDER / CHINT COMPONENT	24

## PVC CABLE DUCT

### Professional Wire Management Solution

High-quality slotted cable duct designed for organizing and protecting electrical wiring in control panels, switchboards, and enclosures.

#### Specifications

- **Material:** Flame-retardant, lead-free rigid PVC (UL94 V-0)
- **Design:** Parallel side slots with smooth edges
- **Cover:** Detachable Snap-On design
- **Length:** 2 meters per piece
- **Temperature Range:** -40°C to +65°C (instantaneous up to 100°C)
- **Installation:** Pre-drilled mounting holes

#### Features

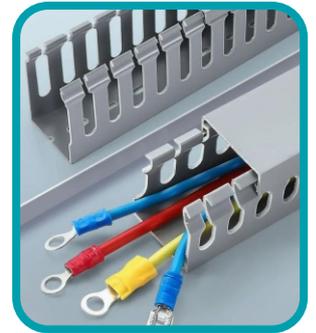
- Easy cable entry and exit through side slots
- Secure closure with quick-access cover
- Protects wire insulation from damage
- Multiple width × height combinations available

#### Available Sizes

Sr.No.	Cable Duct Size: WxH mm	Ducts / CTN
1	25x25	60
2	33x33	40
3	25x40	50
4	40x40	42
5	25x60	30
6	40x60	42
7	60x40	30
8	50x50	36
9	60x60	30
10	60x80	20
11	80x80	16
12	80x100	12
13	100x100	12

#### Certifications

- UL Certified | EU CE | RoHS | SGS | TUV



## Cable Tie

### Description

Mauua Nylon Cable Ties, available in black and white at K-Links, are made from high-quality nylon 6.6 material, offering excellent strength, durability, and flexibility for a wide range of applications. These self-locking cable ties provide a secure and reliable grip, ideal for organizing cables, wires, and components in both indoor and outdoor settings. The black variant is UV-resistant, making it suitable for outdoor use, while the white one is perfect for general indoor applications. Designed to withstand varying temperatures and resist wear and tear, Mauua Nylon Cable Ties ensure neat, efficient, and long-lasting cable management for industrial, commercial, and household needs.



## PANEL FAN

**Description:**

Panel fans are compact, high-efficiency axial fans used electrical switchgear panels for maintaining optimal operating temperatures for sensitive electrical and electronic equipment.

**Key Features:**

- Compact design for space-saving installation
- High airflow performance with low noise operation
- Available in various sizes to suit diverse applications
- Optional filters and grills for dust protection and safety



## PANEL LOUVERS

**Description:**

Louvers are installed on walls or doors of electrical panels to facilitate passive ventilation and airflow management.

**Key Features:**

- Slanted blade design ensures airflow with protection from ingress
- Can be fixed or adjustable, depending on airflow control needs
- Available with bird/insect screens and filters for added protection
- Ingress Protection: IP54



## PANEL HEATER THERMOSTAT

**Description:**

Panel Heaters and Panel Heater Thermostats at K-Links are designed to deliver efficient, uniform, and reliable heating solutions for electrical panels and enclosures. The Panel Heater prevents condensation, corrosion, and freezing by maintaining a stable temperature inside control cabinets, ensuring the safe and smooth operation of sensitive electrical components. Paired with a Panel Heater Thermostat, users can precisely control temperature settings for optimal energy efficiency and equipment protection. Built with durable materials and compact designs, these devices are ideal for industrial automation panels, switchboards, and control systems. Available at K-Links, they offer dependable performance, easy installation, and enhanced longevity for electrical systems operating in varying environmental conditions.



## Control Relays

### Description:

A control Relay is an electromagnetic switch. The main function of a control relays is to allow the flow of electric current through a conducting coil, which closes or opens a switch. Control relays are available 8pin, 11pin, 14 pin in coil voltage 220VAC, 12VDC, 24VDC, 110VDC. They play a critical role in automation, providing safe and efficient switching between low-power control signals and high-power load devices.

### Key Features:

- Electromagnetic Operation: Converts a control signal into mechanical movement to operate circuit contacts.
- Electrical Isolation: Separates control and load sides to protect sensitive components.
- Versatile Control: Supports control of motors, lighting, alarms, and auxiliary systems.
- Multiple Contacts: Allows for switching multiple circuits simultaneously (SPDT, DPDT, etc.).
- Compact & Modular: Easily mounted in electrical panels (DIN rail or screw mount).

### Applications:

- Industrial automation systems
- HVAC controls
- Motor control centers (MCCs)
- Lighting and building management systems
- Safety interlocks and sequencing

### Typical Specifications:

Parameter	Value (Example)
Coil Voltage	12V, 24V, 110V, 230V AC/DC
Contact Configuration	SPDT, DPDT, 4PDT
Contact Rating	Up to 10A @ 250VAC
Mounting Type	DIN rail mount
Mechanical Life	>10 million operations
Electrical Life	>100,000 operations

### Benefits:

- Improves safety by isolating control and power circuits
- Simplifies complex logic and sequence control
- Increases system flexibility with modular design
- Reduces wear on manual switches through automated operation



## Digital Panel Meters – Ammeters, Voltmeters & Multimeters

### Description

Precision electrical measurement instruments for panel mounting applications

### Product Range

- **Digital Ammeter**  
AC/DC current measurement, CT compatible, True RMS
- **Digital Voltmeter**  
Single/three-phase voltage monitoring, 0-600V range
- **Digital Multimeter**  
Multi-parameter measurement with communication capability

### Technical Specifications:

Parameter	Specification (Typical)
Display Type	LED / LCD 3.5 to 6-digit
Accuracy	$\pm 0.5\%$ to $\pm 1\%$ of full scale
Input Voltage Range	0–600V AC (L-N / L-L), 0–300V DC
Communication Ports	RS-485 (Modbus RTU), optional Ethernet
Operating Temp	-10° C to +55° C

### Standard Panel Cutouts

- 48×48mm
- 72×72mm
- 96×96mm
- 96×48mm
- 120×120mm

### Key Features:

- True RMS measurement for harmonic environments
- Backlit display for low-light visibility
- Programmable CT/PT ratios
- Configurable alarms and digital outputs
- Energy metering and logging capabilities
- SCADA/PLC integration ready

### Standards:

IEC 61010, CE marked



## Indication Lights

### Product Selection:

Series	Size	Derived Code	Colorcode	Voltage code of lamp part:	Waterproof function
	16:Φ16	DS: Pilot lights	W: White	21:AC/DC 6V	None:No waterprod function
	22:Φ22	SM: Illuminated buzzer	R: Red	22:AC/DC 12V	
		SS: Bl-colored tight	G: Green	23:AC/DC.24V	F:With waterproof function
		BD: Pilotlights	Y. Yellow	24:AC/DC 38V	
		(with voltage display)	S: Blue	25:AC/DC 48V	
		DF: Pilot light(discharge)		26:AC/DC 110V	
		SG: Flash pilot light		28:AC/DC 220V	
		DSK: Pilot light (ant-interference)		29:AC/DC 380V	
				31:AC 220V	
				32 AC 380V	

### Working conditions and installation conditions

Ambient temperature: -25°C ~ \*50°C, daily average temperature ≤ +35°C

Relative humidity:40°C ( ≤ 50%), 20°C (90%)

Altitude: ≤ 2000m

Installation dimension: 16mm, 22mm

### IP Degree

Φ16 is IP50, Φ22 is Ip60 and Ip65 is customizable

### Technical Parameters

Power Frequency withstand voltage: 1.890V(Ac effective value)

Rated shock withstand voltage: Uimp=25KV

Nominal Insulation voltage(UI): AC 380v|50Hz

Brightness: 100cd/m<sup>2</sup>

Operating life: 30000h

Comparative tracking index CTI: 100(ame retardant)

Power Source	AC, DC							AC		
Voltage (V)	6	12	24	36	48	110	127	380	220	380
Current (mA)	≤ 50mA							≤ 200mA		

Model	Description	Color
MKI16C-22DS		R G Y S
MKI16C-22DS		W
MKI16C-22DSK	(anti - interference)	R G Y S W
MKI16C-22DS	(Ip65)	R G Y S W
MKI16C-22DF	(discharge)	R G Y S W
MKI16C-22SG		R G Y W



## Push Buttons

### Description:

We have Complete range of Push Buttons for manual control of machinery and electrical systems in industrial/commercial panels.

### Variants

- **Momentary:**  
Spring-return
- **Maintained:**  
Latching
- **Illuminated:**  
LED indicators (12V-230V)
- **Emergency Stop:**  
Twist release/key reset
- **Selector:**  
Multi-position rotary

### Key Specifications

- **Voltage:**  
Up to 600V AC
- **Current:**  
1-10A (contact dependent)
- **Mounting:**  
22mm/30mm standard cutouts
- **Protection:**  
IP65/IP66/IP67
- **Temperature:**  
-25°C to +70°C
- **Life:**  
1M mechanical / 500K electrical operations

### Contact Types

- 1NO, 1NC, 2NO, 2NC configurations
- Silver or gold alloy contacts
- Snap-action or slow-make/break

### Standards

- IEC 60947-5-1/5-5
- UL 508, CSA C22.2
- EN/IEC 60204-1
- CE, RoHS compliant

## IP-65 MKL SERIES



## MBE SERIES



## Temperature Controllers

### Product Range

- **ON/OFF Controllers:** Binary temperature control
- **PID Controllers:** Precision regulation, minimal overshoot
- **Programmable Controllers:** Multi-set point, ramp/soak profiles

### Standard Sizes

Size (DIN)	Dimensions (mm)	Common Usage
1/16 DIN	48 x 48	Compact installations
3/16 DIN	72 x 72	Process equipment
1/8 DIN	96 x 48	Industrial ovens

### Technical Specifications:

Parameter	Specification
Input Types	Thermocouple (J, K, T, R, S), RTD (Pt100), Voltage
Control Output	Relay, SSR, 4-20 mA, 0-10V DC
Power Supply	100-240V AC, 24V AC/DC
Display Type	4 to 6-digit LED or LCD
Accuracy	0.1% of full scale

### Key Features:

- Auto-tuning PID algorithms
- Multi-setpoint ramp/soak profiles
- Universal input compatibility
- Digital communication interfaces
- Password protection
- Modular and expandable design
- 1-3 configurable alarms



## Copper Lugs, PVC Cable Glands & Terminal Blocks

### Terminal Blocks:

Terminal blocks are modular, insulated connectors that safely join multiple conductors. Available in screw, push-in, or spring-clamp types, they are essential for organized and reliable electrical panel wiring.

Property	Detail
Body Material	Polyamide 6.6
Connection Type	Screw, spring, push-in
Current Range	2.5 A to 150 A
Voltage Rating	Up to 1000 V AC/DC
Mounting	DIN rail / panel

### Application:

- Industrial automation
- Control and PLC panels
- Energy management and robotics

### PVC Cable Gland

Designed for strain relief and protection, PVC cable glands are used for sealing and securing electrical cables entering an enclosure. They provide dust, moisture, and mechanical protection in low-voltage environments.

Property	Detail
Material	Flame-retardant PVC
Thread Type	Metric, PG, NPT
Ingress Prot.	Ip54 to IP68
Temperature	-20°C to +80°C
Compliance	RoHS, CE

### Application:

- Distribution boards
- Lighting and motor wiring
- Automation and control systems

### Copper Lugs:

Copper lugs are high-conductivity connectors used to terminate and connect electrical cables to equipment and systems. Made from 99.9% electrolytic copper, they are ideal for secure and reliable electrical installations.

Property	Detail
Material	Electrolytic Copper (tinned/bare)
Type	Tubular, Long Barrel, Bimetallic
Cable Size	1.5 mm <sup>2</sup> to 1000 mm <sup>2</sup>
Mounting	Crimp or bolt-type
Standard	IS 8309, DIN 46235

### Application:

- Switchgear and transformers
- Renewable energy installations
- Battery and grounding systems



## Double Compression Cable Glands – Ex Type

### Description:

Double compression cable glands of Ex Type are specially designed for Flameproof cable entry systems for hazardous areas. These glands provide superior sealing and strain relief at both the inner and outer cable sheath, ensuring mechanical retention, ingress protection, and flame containment in explosive atmospheres.

### Certifications & Compliance:

- ATEX, IECEx, and PESO approved for use in hazardous zones
- Compliant with IS 12943, IS/IEC 60079-1, and EN 60079
- Markings: Ex d IIC Gb / Ex e IIC Gb / Ex tb IIIC Db

### Technical Specifications:

Property	Detail
Type	Double Compression – Flameproof / Explosion-Proof (Ex d / Ex e)
Standards	IS/IEC 60079-0 / 1 / 7 / EN 60079 / ATEX / IP66/IP67
Explosion Protection	Ex d IIC / Ex e II / Ex tb IIIC
Material	Brass (Nickel-plated), Stainless Steel (SS 304 / 316), Aluminum (anodized)
Cable Types	Armoured (SWA, AWA) and Unarmoured Cables
Cable Entry Thread	Metric (M), BSP, NPT
Sealing Range	Typically from Ø 6 mm to Ø 75 mm
Ingress Protection	Ip66 / IP67 / IP68 (with sealing washers)
Temperature Range	-20°C to +100°C (standard); up to +200°C (HT version)
Clamping Mechanism	Dual-sealing – Inner and outer compression with armor clamping
Earth Continuity	Provided through armor clamping and locknut earthing
Accessories	Locknuts, Earth Tags, PVC Shrouds, Neoprene Seals, Stopping Plugs



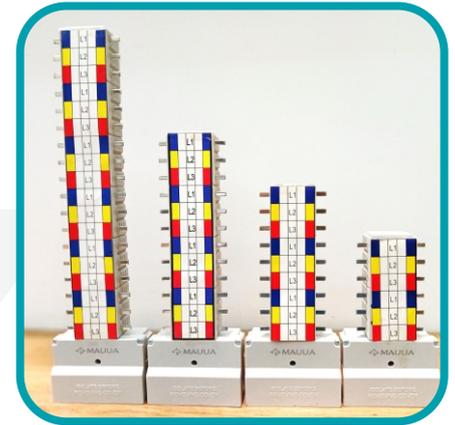
## PAN Assembly & Neutral/Ground Links

### PAN Assembly – Overview

PAN Assemblies are busbar solutions used in panels for neutral or earth point distribution. Ideal for LT panels and DBs, they feature pre-punched holes, modular construction, and are compatible with DIN rail or base mounting.

#### Technical Specifications:

Parameter	Specification
Material	Copper
Finish	Tinned / Natural / Powder Coated
Length Options	150 mm to 1000 mm
Hole Pattern	Ø4 mm to Ø8 mm, 10–25 mm pitch
Mounting	DIN rail / Base-mounted
Current Rating	63 A to 630 A
Voltage	Up to 1000 V AC/DC
Standards	IS 8623 / IEC 61439
Insulators	Optional: Nylon / Bakelite



### Neutral & Ground Links – Overview

Neutral and ground links are compact, safe, and efficient busbars used in DBs and control panels for distributing earthing or neutral connections. Available in various configurations and insulated bases.

#### Technical Specifications:

Parameter	Specification
Material	Brass
No. of Ways	2 to 24 (customizable)
Current Rating	16 A to 400 A
Base	ABS / Bakelite / Polyamide
Hole Sizes	Ø4 mm to Ø10 mm
Finish	Tin-plated
Mounting	Base screw / Clip mount
Standards	IS 3043 / IEC 60947



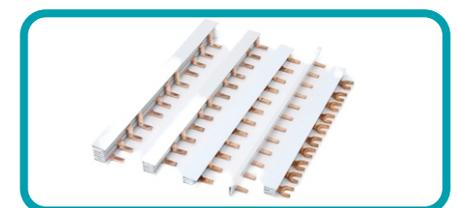
#### Key feature:

- Consolidated neutral or earth termination points
- Modular, customizable length and hole options
- Improved safety and simplified wiring
- Available in insulated or non-insulated models
- Corrosion-resistant finish for longer life



### Comb Busbar for MCBs

Comb busbar is a modular power distribution accessory used to connect multiple Miniature Circuit Breakers (MCBs) in parallel. It ensures uniform voltage supply across breakers, simplifies wiring, and improves safety by reducing loose connections. Available in single-phase and three-phase configurations.



## Power Factor Correction Capacitors for PFI Panels

### Technical Features:

- **Voltage:** 230V to 480V AC
- **Rating:** 5-50 kVAR
- **Construction:** Aluminum housing, metallized polypropylene
- **Temperature:** -25°C to +55°C
- **Protection:** Self-healing, discharge resistors

Model	KVAR	Voltage	In A
MRT.4405	5	440	6.5
MRT.4407.5	7.5	440	9.8
MRT.4412.5	12.5	440	16.8
MRT.4425.0	25	440	33.75
MRT.4450.0	50	440	67.5

### Certifications & Compliance:

- IEC 60831 CE RoHS

### Application:

- Distribution panels ● MCCs ● HVAC ● Motor drives

### Key feature:

- Self-healing dielectric ● Overpressure protection ● Panel mount design

### Benefits

- Reduces energy costs ● Improves power factor ● Increases system capacity



## HRC Fuse and Fuse Bases for PFI Panels

### Description:

Overcurrent protection for PFI panels and electrical systems

Component	Specification
HRC Fuses	500V AC, 10-160A, 120kA breaking capacity
Construction	Ceramic body, quartz filling, knife blade contacts
Fuse Bases	DIN rail/panel mount, DMC/SMC material
Standards	IEC 60269, DIN 43620, BS88 compatible

### Features

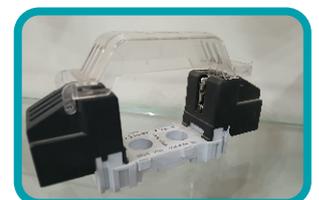
- High rupturing capacity ● Arc-quenching design ● Visual status indication

### Application:

- Capacitor protection ● Motor starters ● Control panels

### Certifications & Compliance:

- IEC 60269 ● DIN 43620 ● CE, RoHS



## INTELLIGENT POWER FACTOR CONTROLLER

Parameter	Specification
Input Network	Single-phase, 3-phase 3-wire, 3-phase 4-wire
Input Voltage	Direct: 100V/400V AC   External: PT x/100V (configurable)
Input Current	Direct: 5A AC   External: CT x/5A (configurable)
Frequency Range	45-65Hz
Sensitivity	5mA
Voltage Overload	1.3 times sustained
Current Overload	1.2 times sustained
Power Factor Range	-1.000C ~ 0.000 ~ 1.000 ~ 0.000L ~ -1.000L
Relay Contact	2A/250VAC per channel
DC Output	10mA/12VDC per channel
Communication	Rs485, MODBUS-RTU protocol
Auxiliary Power	AC220V, AC380V
Operating Temperature	-25°C to +50°C
Protection Level	Ip40
Panel Cutout	120x120mm
Case Dimensions	110x110mm



## Current Transformers (CTs) for Low Voltage Panels

### Description:

Current Transformers (CTs) are vital components in low voltage electrical panels, used for accurate current measurement and electrical system protection. CTs reduce high primary currents to a manageable level for metering instruments, protective relays, and monitoring systems without directly exposing them to the high current-carrying conductors. In LV panels, CTs are typically installed around busbars or incoming/outgoing cables and are designed to provide an isolated, scaled-down replica of the actual line current (commonly 5A or 1A secondary).

### Technical Features:

#### Electrical Characteristics:

- **Primary Current Ratings:**

10 A to 5000 A (customizable as per application)

- **Secondary Output:**

5 A or 1 A (standard output for metering/protection devices)

- **Accuracy Classes:**

Metering: Class 0.2, 0.5, 1.0 (as per IEC 61869-2 or IEC 60044-1)  
Protection: Class 5P, 10P, PX (for overcurrent and relay operation)

- **Burden (VA Ratings):**

2.5 VA to 30 VA depending on CT size and application

- **Insulation Class:**

E or F class insulation, suitable for continuous operation at 50/60 Hz

#### Mechanical Construction:

- **Types:**

Ring Type (solid-core)  
Split Core (for retrofit applications)

- **Enclosure:**

Flame-retardant polycarbonate or ABS plastic casing  
Optional epoxy resin casting for harsh environments

- **Mounting Options:**

DIN rail mount  
Panel or base mount  
Busbar or cable-mounted with cable ties or clamps

- **Ambient Conditions:**

Operating temperature: -10°C to +55°C  
Storage temperature: -25°C to +70°C  
Humidity: Up to 95% non-condensing

### Application:

- Energy meters (kWh meters, multifunction meters)
- Protection relays in feeders, motors, and transformer circuits
- Power factor controllers in PFI panels
- Load monitoring and demand management systems
- PLC/SCADA integration for energy audits and automation

### Compliance Standards:

- IEC 61869-2 / IEC 60044-1 – Instrument transformers
- CE, RoHS compliant
- Suitable for use in metering schemes as per utility regulations

#### ITL FIXED CORE CTs

Rating	Type	Dia.
30/5 A	CP40	40
60/5 A	CP40	40
100/5 A	CP40	40
150/5 A	CP40	40
200/5 A	CP40	40
300/5 A	CP40	40
400/5 A	CP40	40
600/5 A	CP40	40
600/5 A	CP60	60
800/5 A	CP60	60
1000/5 A	CP60	60
600/5 A	CP80	80
800/5 A	CP80	80
1000/5 A	CP80	80
1250/5 A	CP80	80
1000/5 A	CP100	100
1250/5 A	CP100	100
1600/5 A	CP100	100
2000/5 A	CP100	100
2500/5 A	CP100	100
3200/5 A	CP100	100
4000/5 A	CP100	100

#### ITL SPLIT CORE CTs

Rating	Type	Dia.
200/5 A	DP58	80x50
400/5 A	DP58	80x50
600/5 A	DP58	80x50
800/5 A	DP58	80x50
1000/5 A	DP58	80x50
1250/5 A	DP88	80x80
2000/5 A	DP88	80x80
1600/5 A	DP812	120x80
2000/5 A	DP812	120x80
2500/5 A	DP812	120x80
3200/5 A	DP812	120x80
4000/5 A	DP812	120x80
3200/5 A	DP816	160x80
4000/5 A	DP816	160x80
5000/5 A	DP816	160x80



## Changeover Switches

### Description:

Changeover switches are rotary or cam-operated devices that allow switching between two or more power sources or load paths. They ensure safe and reliable transfer of electrical power in critical systems.

### Type of Selector Switches:

- 2-Position (On/Off)
- 3-Position (Forward-Off-Reverse / Auto-Off-Manual)
- Key-operated switches (for restricted access)
- Maintained (latching) or Momentary (spring return)

### Technical Specifications:

Parameter	Typical Values
Rated Current	20A – 1600A
Rated Voltage	Up to 690V AC
Number of Poles	2P / 3P / 4P
Switching Type	Break-before-make or Make-before-break
Mounting	Panel mount / DIN rail / Base mount
Standards	IEC 60947-3 / IS 13947-3



## Selector Switches

### Description:

Selector switches are manually operated rotary switches used to control circuit functions by selecting different electrical contact positions. They are ideal for user interface control in panels, machinery, and automation systems, offering visual and tactile feedback.

### Type of Selector Switches:

- 2-Position (On/Off)
- 3-Position (Forward-Off-Reverse / Auto-Off-Manual)
- Key-operated switches (for restricted access)
- Maintained (latching) or Momentary (spring return)

### Technical Specifications:

Parameter	Typical Values
Rated Current	20A – 1600A
Rated Voltage	Up to 690V AC
Number of Poles	2P / 3P / 4P
Switching Type	Break-before-make or Make-before-break
Mounting	Panel mount / DIN rail / Base mount
Standards	IEC 60947-3 / IS 13947-3



## Isolators

Commonly used in three-phase electrical systems, these devices play a crucial role in ensuring safe maintenance, inspection, or complete shutdown of machinery and equipment by effectively disconnecting the power supply. They serve as an essential safety component in industrial and commercial electrical setups, allowing technicians to isolate circuits and prevent accidental energization during repair or servicing.



## MEANWELL DIN Rail Power Supplies

### Description

The MEANWELL NDR Series represents a comprehensive range of AC-DC single output industrial DIN rail power supplies, spanning from 75W to 480W with universal input voltage of 90-264VAC and output voltages ranging from 12V to 48V, housed in robust metal cases.

### Selection Guide

Model	Output Voltage	Output Current	Output Power	Dimensions ( WxHxD )
NDR-75-12	12VDC	6.2A	75W	45×90×58mm
NDR-75-24	24VDC	3.2A	75W	45×90×58mm
NDR-120-12	12VDC	10A	120W	54×90×58mm
NDR-120-24	24VDC	5A	120W	54×90×58mm
NDR-240-24	24VDC	10A	240W	90×90×58mm
NDR-480-24	24VDC	20A	480W	124×90×58mm



### Key Features & Benefits

#### Universal Input & High Efficiency

- Universal AC input range: 90-264VAC, 47-63Hz
- High efficiency up to 92.5%
- Built-in active PFC function (NDR-240/480 models)
- No-load power consumption < 0.75W

#### Environmental Standards

- RoHS 2011/65/EU compliant
- REACH regulation compliant
- Torque specification: 0.5-0.6 N·M
- Touch-safe terminals for enhanced safety

#### Manufacturing Excellence

- ISO 9001:2015 certified manufacturing
- Automated production processes
- 100% burn-in testing
- Comprehensive quality control at every stage

## Industrial Plugs & Sockets

### Mobile Plugs

Portable, impact-resistant design suitable for field and on-site applications  
Ensures safe, stable, and reliable power connections even in harsh industrial environments

#### Specification

Sr. No.	Description	Current A	Poles	IP Rating	CTN QTY.	Unit Price
1	Plug 16A x 3Pin	16 A	3	IP44		950
2	Plug 32A x 3Pin	32 A	3	IP44		1600
3	Plug 16A x 5Pin	16 A	5	IP44		1300
4	Plug 32A x 5Pin	32 A	5	IP44		2000
5	Plug 63A x 5Pin	63 A	5	IP44		8000



### Panel Mounted Sockets (Angled)

Designed for fixed installation in control panels, distribution boards, and machinery Provides firm locking, enhanced electrical safety, and long-lasting performance under

#### Specification

Sr. No.	Model	Current A	Poles	IP Rating	CTN QTY.	Unit Price
1	Panel Mount Socket 16A x 3Pin	16 A	3	IP67		1600
2	Panel Mount Socket 32A x 3Pin	32 A	3	IP67		2500
3	Panel Mount Socket 16A x 5Pin	16 A	5	IP67		2100
4	Panel Mount Socket 32A x 5Pin	32 A	5	IP67		2800
5	Panel Mount Socket 63A x 5Pin	63 A	5	IP67		8000



### Wall Mounted Sockets

Heavy-duty enclosure engineered for secure wall-mounted power outlets Allows easy installation, weather resistance, and reliable long-term performance in industrial and commercial setups

#### Specification

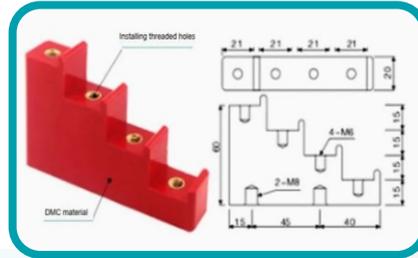
Sr. No.	Model	Current A	Poles	IP Rating	CTN QTY.	Unit Price
1	Wall Mount Socket 16A x 3Pin	16 A	3	IP44		1800
2	Wall Mount Socket 32A x 3Pin	32 A	3	IP44		2200
3	Wall Mount Socket 16A x 5Pin	16 A	5	IP44		2000
4	Wall Mount Socket 32A x 5Pin	32 A	5	IP44		2600



## Busbar Supports

### Description:

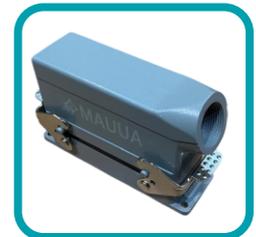
Busbar supports are insulating components used to securely hold and separate busbars in electrical panels. They ensure mechanical stability, maintain proper clearance, and prevent electrical faults due to short circuits or vibrations.



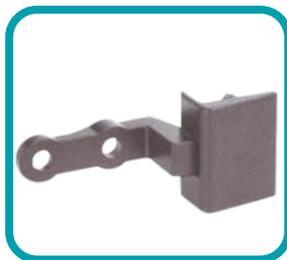
## Bakelite Insulators & Auxiliary Items

### Description:

Bakelite insulators are rigid, heat-resistant components used in electrical panels to provide insulation and mechanical support. Made from phenolic resin, they prevent electrical leakage and ensure safe separation between conductive parts.



## Hinges



## Panel Locks



## Supply of ABB / Schenider / Chint Component

### Description:

We specialize in providing a wide range of high-quality electrical components from trusted brands like **ABB**, **Schneider Electric**, and **Chint**. Whether you're working on a new industrial setup, upgrading existing systems, or managing ongoing maintenance, we ensure timely availability and competitive pricing of genuine components. From circuit breakers and contactors to relays and control panels, our inventory supports smooth and efficient operations across various sectors. Let us help you power your projects with confidence and reliability.



## Tools

### Description:

We offer a complete range of tools to meet everyday worksite and workshop needs. Whether it's for building, fixing, or maintaining, our tools are built for durability and ease of use. Count on us to keep your work moving with the right tools, right when you need them.



K-LINKS

## Hydraulic Busbar Processor Machine 3in1 HHM-200H

### Description:

The HHM-200H is a compact, portable, multi-functional hydraulic tool designed for the precise and efficient processing of copper and aluminum busbars commonly used in electrical switchgear, transformers, panel boards, and other power distribution equipment. As a "3-in-1" machine, it integrates the three essential functions required for busbar fabrication: punching, bending, and cutting, all powered by a single external hydraulic pump.

### Technical Specifications:

Parameter	HHM-200H
Model	HHM-200H
Voltage	220V / 380V
Shearing Force	35 ton
Punching Force	35 ton
Bending Force	16 ton
Max Shearing Width × Thickness	200 × 12 mm
Max Punching Thickness	12 mm
Max Bending Width × Thickness	200 × 12 mm
Throat Depth of Punch	110 mm
Standard Punch Die Sizes Punching Force	3/8" (11.1 mm), 5/8" (17.5 mm), 1/2" (14.3 mm), 3/4" (20.6 mm)
Total Weight	195 kg
Packing Dimensions	90 × 66 × 122 cm



## Engraving Machine

### Description:

The Engraving Machine available at K-Links is a high-precision tool designed for professional marking, cutting, and engraving on various materials such as metal, plastic, wood, and acrylic. Built with advanced technology, it ensures accurate detailing and smooth operation, making it ideal for industrial labeling, panel marking, and customization tasks. This durable and efficient machine offers fast performance, easy operation, and consistent engraving depth, ensuring a clean and professional finish every time.



## Numbering Machine

### Description:

The Wire Numbering Machine available at K-Links is a reliable and efficient solution for marking and identifying electrical wires and cables with precision. Designed for industrial and commercial use, this machine ensures clear, durable, and easy-to-read markings that enhance wiring organization and maintenance efficiency. Built with robust materials and advanced printing technology, it offers smooth operation and consistent performance even during long working hours.



## GET IN TOUCH

 0321-4255404

 0321-4255404

 042-37640047, 042-37640048

 8/26, Ghalib Street No. 20, Barkat Ali Road,  
Chowk Bull Road Near Ansa Tower, Lahore

 [www.k-links.com.pk](http://www.k-links.com.pk)

 [sales@k-links.com.pk](mailto:sales@k-links.com.pk)