

# CHNT

# PRICE LIST

# 2025





### Miniature Circuit Breakers (MCB) 6kA

Compliant standards: IEC60898-1

Compliant certification: CE

Protection: Overload & Short Circuit

Rated current: 1A ~ 63A

Frequency: 50/60Hz

Electromagnetic release type: B, C, D

Number of poles: 1P, 2P, 3P, 4P

Rated impulse withstand voltage (Uimp): 4KV



| Model    | Poles  | Ampere Ratings                       | Price-PKR |
|----------|--------|--------------------------------------|-----------|
| NXB-63C  | 1-Pole | 1, 2, 3, 4,6 Amps                    | 950       |
| NXB-63C  | 1-Pole | 10, 16, 20, 25,32,40, 50, 63 Amps    | 900       |
| NXB-63C  | 2-Pole | 1, 2, 3, 4,6 Amps                    | 2,200     |
| NXB-63C  | 2-Pole | 10, 16, 20, 25,32,40, 50, 63 Amps    | 1,900     |
| NXB-63C  | 3-Pole | 1, 2, 3, 4,6 Amps                    | 2,950     |
| NXB-63C  | 3-Pole | 10, 16, 20, 25,32,40 Amps            | 2,650     |
| NXB-63C  | 3-Pole | 50, 63 Amps                          | 2,850     |
| NXB-63C  | 4-Pole | 1, 2, 3, 4, 6, 10,16,20, 25, 32 Amps | 4,400     |
| NXB-63C  | 4-Pole | 40, 50, 63 Amps                      | 4,800     |
| NXB-125C | 4-Pole | 100, 125 Amps                        | 6,500     |

### Miniature Circuit Breakers (MCB) 10kA

| Model   | Poles  | Ampere Ratings                        | Price-PKR |
|---------|--------|---------------------------------------|-----------|
| NXB-63H | 1-Pole | 1, 2, 3, 4,6 Amps                     | 1,500     |
| NXB-63H | 1-Pole | 10, 16, 20, 25, 32, 40, 50, 63 Amps   | 1,450     |
| NXB-63H | 2-Pole | 1, 2, 3, 4,6, 10 Amps                 | 2,400     |
| NXB-63H | 2-Pole | 16, 20, 25 Amps                       | 2,200     |
| NXB-63H | 2-Pole | 32, 40, 50, 63 Amps                   | 2,500     |
| NXB-63H | 3-Pole | 1, 2, 3, 4,6, 10, 16, 20, 25, 32 Amps | 3,500     |
| NXB-63H | 3-Pole | 40, 50, 63 Amps                       | 3,800     |
| NXB-63H | 4-Pole | 1, 2, 3, 4 Amps                       | 5,000     |
| NXB-63H | 4-Pole | 6, 10, 16, 20, 25, 32, 40 Amps        | 4,600     |
| NXB-63H | 4-Pole | 50, 63 Amps                           | 5,000     |





### Accessories

| Model | Specifications          | Price-PKR |
|-------|-------------------------|-----------|
| AX-X1 | Auxiliary Contact       | 1,000     |
| AL-X1 | Alarm Auxiliary Contact | 1,200     |
| UVR   | UVT -220VAC             | 1,400     |

### DC Miniature Circuit Breakers (DC-MCB)

Certificates: CCC, CE, CB, TUV

Standard: IEC/EN 60947-2

Rated voltage up to 1000V

Protection of circuits against overload currents

Protection of circuits against short-circuit currents



| Model     | Poles  | Ampere Ratings                                     | Price-PKR |
|-----------|--------|----------------------------------------------------|-----------|
| NB1-63DC  | 2-Pole | 1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 Amps | 4,800     |
| DZ158-125 | 2-Pole | 125 Amps                                           | 7,000     |
| NB1-63DC  | 4-Pole | 1, 2, 3, 4, 6, 10, 16, 20, 25, 32, 40, 50, 63 Amps | 9,000     |

### Changeover Switch

Certificates: KEMA

Electric ratings: AC 50/60Hz

Rated current: up to 63A

Standard: IEC60669-1



| Model   | Poles  | Ampere Ratings | Price-PKR  |
|---------|--------|----------------|------------|
| NZK1-32 | 1-Pole | 32, 63 Amps    | On Request |
| NZK1-32 | 2-Pole | 32, 63 Amps    | On Request |





**Residual Current Circuit Breakers (RCCB/RCBO/ELCB)**

Compliant Standards: IEC61009-1

Compliant certification: CE

Major function: Overload, short circuit, isolation, residual current operation

Technical parameters

Rated current: 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A

Rated residual operating current: 0.03A, 0.05A, 0.075A, 0.1A, 0.3A

Rated short-circuit breaking capacity (Icu): 6000A

Short-circuit breaking capacity (Ics): 6000A

Rated impulse withstand voltage (Uimp): 4kV



| Model    | Poles  | Ampere Ratings                 | Sensitivity | Price-PKR |
|----------|--------|--------------------------------|-------------|-----------|
| NXBLE-63 | 2-Pole | 6, 10, 16, 20, 25, 32, 40 Amps | 30 / 300mA  | 4,500     |
| NXBLE-63 | 2-Pole | 50, 63 Amps                    | 30 / 300mA  | 4,800     |
| NXBLE-63 | 4-Pole | 6, 10, 16, 20, 25, 32, 40 Amps | 30 / 300mA  | 7,500     |
| NXBLE-63 | 4-Pole | 50, 63 Amps                    | 30 / 300mA  | 8,000     |
| NXBLE-63 | 4-Pole | 100 Amps                       | 30 / 300mA  | 11,000    |

**ResidualCurrent Operated Circuit Breakers (RCCB)/ELCB**

Compliant Standards: IEC61008-1

Control electric circuits

Protect people against indirect contacts and additional protection against direct contacts



| Model  | Poles  | Ampere Ratings  | Sensitivity | Price-PKR |
|--------|--------|-----------------|-------------|-----------|
| NL1-63 | 2-Pole | 25, 40, 63 Amps | 30mA        | 7,500     |
| NL1-63 | 2-Pole | 25, 40, 63 Amps | 300mA       | 8,500     |
| NL1-63 | 4-Pole | 25, 40, 63 Amps | 30mA        | 12,000    |
| NL1-63 | 4-Pole | 25, 40, 63 Amps | 300mA       | 13,000    |





## AC - Surge Arrestors

Number of poles: 1, 2 ,3, 4 Electric ratings: 230/460V,  
Application: Protect electric system and on-loading electrical  
apparatus from thunder and instantaneous over-voltage  
Standard: IEC 61643-1, EN 61643-11



| Model  | Type    | Specifications                                                   | Price-PKR |
|--------|---------|------------------------------------------------------------------|-----------|
| NU6-II | 2- Pole | Max operated Volt:380V/460V<br>Nominal Discharge Current :40kA   | 13,200    |
| NU6-II | 4-Pole  | Max operated Volt: 415V/460V<br>Nominal Discharge Current :40kA  | 20,000    |
| NU6-II | 4-Pole  | Max operated Volt: 415V/460V<br>Nominal Discharge Current :65kA  | 40,000    |
| NU6-II | 4-Pole  | Max operated Volt: 415V/460V<br>Nominal Discharge Current :100kA | 65,000    |

## DC - Surge Arrestors (NOARK)

DC Surge protection devices Ex9UEP are suitable for photovoltaic applications.  
These SPDs are designed and tested according to PV T1+T2 class from EN 61643-31 standard

| Model  | Type    | Specifications                                                                                  | Price-PKR |
|--------|---------|-------------------------------------------------------------------------------------------------|-----------|
| EX9UEP | 2- Pole | Max output voltage: 750V<br>Nominal discharge current: 40kA<br>For underground PV system        | 18,000    |
| EX9UEP | 2- Pole | Max output voltage: 1200V/1500V<br>Nominal discharge current: 40kA<br>For grounded PV system    | 25,000    |
| EX9UEP | 4-Pole  | Max output voltage: 1200V/1500V<br>Nominal discharge current: 40kA<br>For underground PV system | 35,000    |





## Molded Case Circuit Breakers (MCCB)

The molded case circuit breaker will provide protection for the circuit and equipment in case of overload, short circuit and under-voltage condition occurred in the power distribution circuit. Besides, it can also provide protection of overload, short circuit and under voltage for the non-frequent start of the motor.

Certificates: KEMA, ESC, UKrSEPRO, PCT, RCC, KC

Electric Ratings: AC 690V, 50/60Hz

Standard: IEC/EN 60947-2

Frame Size: 63A, 125A, 160A, 250A, 400A, 630A, 800A, 1000A, 1250A, 1600A

Installation Method: Fixed Type; Plug-in Type



## Standard Breaking Capacity (Thermal-Magnetic Trip)

| Model      | Pole   | Type  | Current Rating (A) | Icu<br>380-415 VAC | Price -PKR |
|------------|--------|-------|--------------------|--------------------|------------|
| NXM-125 S  | 3 Pole | Fixed | 16, 20, 25         | 25 kA              | 12,500     |
| NXM-125 S  | 3 Pole | Fixed | 32, 40, 50,        | 25 kA              | 12,500     |
| NXM-125 S  | 3 Pole | Fixed | 63, 80, 100        | 25 kA              | 12,500     |
| NXM-125 S  | 3 Pole | Fixed | 125                | 25 kA              | 16,000     |
| NXM-160 S  | 3 Pole | Fixed | 160                | 35 kA              | 16,000     |
| NXM-250 S  | 3 Pole | Fixed | 200, 225, 250      | 35 kA              | 20,000     |
| NXM-400 S  | 3 Pole | Fixed | 320, 400           | 50 kA              | 42,000     |
| NXM-630 S  | 3 Pole | Fixed | 500, 630           | 50 kA              | 65,000     |
| NXM-800 S  | 3 Pole | Fixed | 800                | 50 kA              | 90,000     |
| NXM-1000 S | 3 Pole | Fixed | 1000               | 50 kA              | 135,000    |
| NXM-1600 S | 3 Pole | Fixed | 1250               | 50 kA              | 250,000    |
| NXM-1600 S | 3 Pole | Fixed | 1600               | 50 kA              | On Request |

## High Breaking Capacity MCCB Models (Thermal Magnetic Trip)

| Model      | Pole   | Type  | Current Rating(A)                   | Icu<br>380-415 VAC | Price-PKR  |
|------------|--------|-------|-------------------------------------|--------------------|------------|
| NXM-125 H  | 3 Pole | Fixed | 15, 20, 25, 32, 40, 50, 63, 80, 100 | 50 kA              | 14,500     |
| NXM-125 H  | 3 Pole | Fixed | 125                                 | 50 kA              | 18,000     |
| NXM-250 H  | 3 Pole | Fixed | 160                                 | 50 kA              | 18,000     |
| NXM-250 H  | 3 Pole | Fixed | 200, 225, 250                       | 50 kA              | 22,000     |
| NXM-400 H  | 3 Pole | Fixed | 320, 400                            | 70 kA              | 45,000     |
| NXM-630 H  | 3 Pole | Fixed | 500, 630                            | 70 kA              | 70,000     |
| NXM-800 H  | 3 Pole | Fixed | 800                                 | 70 kA              | 110,000    |
| NXM-1000 H | 3 Pole | Fixed | 1000                                | 70 kA              | 145,000    |
| NXM-1600 H | 3 Pole | Fixed | 1250                                | 70 kA              | 270,000    |
| NXM-1600 H | 3 Pole | Fixed | 1600                                | 70 kA              | On Request |





## Molded Case Circuit Breakers (MCCB)

### Standard Fixed MCCB (Thermal Magnetic Trips)

| Model      | Pole   | Type  | Rated Current (A)                   | Icu<br>380-415 VAC | Price-PKR  |
|------------|--------|-------|-------------------------------------|--------------------|------------|
| NXM-125 S  | 4 Pole | Fixed | 16, 20, 25, 32, 40, 50, 63, 80, 100 | 25 kA              | 16,000     |
| NXM-125 S  | 4 Pole | Fixed | 125, 160                            | 25 kA              | 20,000     |
| NXM-250 S  | 4 Pole | Fixed | 200, 225, 250                       | 36 kA              | 25,000     |
| NXM-400 S  | 4 Pole | Fixed | 320, 400                            | 50 kA              | 55,000     |
| NXM-630 S  | 4 Pole | Fixed | 500, 630                            | 50 kA              | 75,000     |
| NXM-800 S  | 4 Pole | Fixed | 800                                 | 50 kA              | 120,000    |
| NXM-1000 S | 4 Pole | Fixed | 1000                                | 50 kA              | 155,000    |
| NXM-1600 S | 4 Pole | Fixed | 1250                                | 50 kA              | On Request |
| NXM-1600 S | 4 Pole | Fixed | 1600                                | 50 kA              | On Request |

### High Breaking Capacity MCCB Models (Thermal Magnetic Trip)

| Model      | Pole   | Type  | Rated Current (A)                   | Icu<br>380-415 VAC | Price-PKR  |
|------------|--------|-------|-------------------------------------|--------------------|------------|
| NXM-125 H  | 4 Pole | Fixed | 16, 20, 25, 32, 40, 50, 63, 80, 100 | 50 kA              | 18,000     |
| NXM-125 H  | 4 Pole | Fixed | 125, 160                            | 50 kA              | 21,000     |
| NXM-250 H  | 4 Pole | Fixed | 200, 225, 250                       | 50 kA              | 26,000     |
| NXM-400 H  | 4 Pole | Fixed | 320, 400                            | 70 kA              | 62,000     |
| NXM-630 H  | 4 Pole | Fixed | 500, 630                            | 70 kA              | 80,000     |
| NXM-800 H  | 4 Pole | Fixed | 800                                 | 70 kA              | 130,000    |
| NXM-1000 H | 4 Pole | Fixed | 1000                                | 70 kA              | 165,000    |
| NXM-1600 H | 4 Pole | Fixed | 1250                                | 70 kA              | On Request |
| NXM-1600 H | 4 Pole | Fixed | 1600                                | 70 kA              | On Request |

### Accessories Of MCCBs

| Accessory Type | 125 (M1) | 160 (M2) | 250 (M3) | 400/630 (M4) | 800/1000<br>(M5/M6) | 1250/1600 (M7) |
|----------------|----------|----------|----------|--------------|---------------------|----------------|
| Aux. Switch    | On Req   | On Req   | On Req   | On Req       | On Req              | On Req         |
| UVT-230VAC     | On Req   | On Req   | On Req   | On Req       | On Req              | On Req         |
| SHUNT-230VAC   | On Req   | On Req   | On Req   | On Req       | On Req              | On Req         |
| Motor -230VAC  | On Req   | On Req   | On Req   | On Req       | On Req              | On Req         |





### Standard Adjustable MCCB (Thermal Magnetic Trips)



| Model      | Pole   | Type       | Rated Current (A) | Icu<br>380-415 VAC | Price -PKR |
|------------|--------|------------|-------------------|--------------------|------------|
| NXMS-160F  | 3 Pole | Adjustable | 32, 40, 63, 100   | 36 kA              | 36,000     |
| NXMS-160F  | 3 Pole | Adjustable | 125               | 36 kA              | 37,000     |
| NXMS-160F  | 3 Pole | Adjustable | 160               | 36 kA              | 38,000     |
| NXMS-250F  | 3 Pole | Adjustable | 200               | 36 kA              | 40,000     |
| NXMS-250F  | 3 Pole | Adjustable | 250               | 36 kA              | 46,000     |
| NXMS-400F  | 3 Pole | Adjustable | 400               | 50 KA              | 75,000     |
| NXMS-630F  | 3 Pole | Adjustable | 630               | 50 KA              | 82,000     |
| NXMS-1000S | 3 Pole | Adjustable | 800               | 50 KA              | 155,000    |
| NXMS-1000S | 3 Pole | Adjustable | 1000              | 50 KA              | 195,000    |
| NXMS-1600S | 3 Pole | Adjustable | 1250              | 50 KA              | 300,000    |
| NXMS-1600S | 3 Pole | Adjustable | 1600              | 50 KA              | On Request |

### Standard Adjustable MCCB (Thermal Magnetic Trips)

| Model      | Pole   | Type       | Rated Current (A) | Icu<br>380-415 VAC | Price -PKR |
|------------|--------|------------|-------------------|--------------------|------------|
| NXMS-160F  | 4 Pole | Adjustable | 32, 40, 63, 100   | 36 kA              | 42,000     |
| NXMS-160F  | 4 Pole | Adjustable | 125               | 36 kA              | 42,000     |
| NXMS-160F  | 4 Pole | Adjustable | 160               | 36 kA              | 46,000     |
| NXMS-250F  | 4 Pole | Adjustable | 200               | 36 kA              | 52,000     |
| NXMS-250F  | 4 Pole | Adjustable | 250               | 36 kA              | 52,000     |
| NXMS-400F  | 4 Pole | Adjustable | 400               | 50 KA              | 95,000     |
| NXMS-630F  | 4 Pole | Adjustable | 630               | 50 KA              | 110,000    |
| NXMS-1000S | 4 Pole | Adjustable | 800               | 50 KA              | 200,000    |
| NXMS-1000S | 4 Pole | Adjustable | 1000              | 50 KA              | 230,000    |
| NXMS-1600S | 4 Pole | Adjustable | 1250              | 50 KA              | 450,000    |
| NXMS-1600S | 4 Pole | Adjustable | 1600              | 50 KA              | On Request |



## MCCB - High Voltage (up to 1150V AC)

This NM8N High-voltage (HV) Series Molded Case Circuit Breaker is specially designed for handling high-voltage electrical system, capable to break heavy loaded electrical circuit systems under wide range of

operating temperature of  $-40 \sim +70$

Circuit Breaker is its capability to break circuit with zero arcing, which is an ideal component for meeting the requirements of many systems such as the solar (PV) power generation system. This Circuit Breaker works perfectly up to the maximum working voltage of AC 1150V, which can effectively protects electrical systems like the output loading of the string Inverters, and others such as the loading capacity of the AC combiner box in the photovoltaic systems.

Rated Voltage  $U_e(V)$  AC 690/800/1000/1150 ;

Frame Size current: 250, 400, 630;

size: 400A, 630A)

Ambient temperature:  $-40 \sim +70$

Standard complied: IEC/EN 60947-2



| Model          | Pole   | Specification | ICU 800V | Price      |
|----------------|--------|---------------|----------|------------|
| NM8N-250HVS TM | 3 Pole | 250A          | 50KA     | On Request |
| NM8N-400HVS TM | 3 Pole | 400A          | 50KA     | On Request |
| NM8N-630HVS TM | 3 Pole | 630A          | 50KA     | On Request |



## Air Circuit Breakers

Frame size (A): 1600, 2000, 3200, 4000, 6300

Certificates: KEMA, UKrSEPRO, GOST, RCC

Rated Operational Voltage (Ue): 400/690 VAC, 50Hz

Rated Insulation Voltage (Ui): 1000V

Rated Impulse withstand Voltage (Uimp): 12kV

Number of poles: 3P, 4P Breaking capacity: N, S, H

Overload time delay & Short circuit protection

Earthing fault protection

Standard: IEC/EN 60947-2

Installation method: Draw-out type, Fixed type

NXA can operate in the ambient temperature of -45

to 70



| Model  | Pole   | Ratings   | Icu.380 415 VAC | Price-PKR  |
|--------|--------|-----------|-----------------|------------|
| NXA-16 | 3 Pole | 1000 Amps | 50 kA           | 480,000    |
| NXA-16 | 3 Pole | 1250 Amps | 50 kA           | 495,000    |
| NXA-16 | 3 Pole | 1600 Amps | 50 kA           | 560,000    |
| NXA-20 | 3 Pole | 2000 Amps | 80 kA           | 650,000    |
| NXA-32 | 3 Pole | 2500 Amps | 80 kA           | 875,000    |
| NXA-32 | 3 Pole | 3200 Amps | 80 kA           | 1,150,00   |
| NXA-40 | 3 Pole | 4000 Amps | 80 kA           | 1,475,000  |
| NXA-63 | 3 Pole | 5000 Amps | 120 kA          | On Request |
| NXA-63 | 3 Pole | 6300 Amps | 120 kA          | On Request |

| Model     | Poles  | Ratings   | Icu.380-415 VAC | Price-PKR |
|-----------|--------|-----------|-----------------|-----------|
| NXA-16 4P | 4 Pole | 1000 Amps | 50 kA           | 650,000   |
| NXA-16 4P | 4 Pole | 1250 Amps | 50 kA           | 680,000   |
| NXA-16 4P | 4 Pole | 1600 Amps | 50 kA           | 710,000   |
| NXA-20 4P | 4 Pole | 2000 Amps | 80kA            | 890,000   |
| NXA-32 4P | 4 Pole | 2500 Amps | 80kA            | 1,050,000 |
| NXA-32 4P | 4 Pole | 3200 Amps | 80kA            | 1,530,000 |
| NXA-40    | 4 Pole | 4000 Amps | 80kA            | 1,970,000 |

## ACB Accessories

| Accessories Type              | Voltage     | Price -PKR |
|-------------------------------|-------------|------------|
| U.V.T.                        | 230/400 VAC | 50,000     |
| Shunt Release for NXA-16      | 230/400 VAC | 25,000     |
| Shunt Release for NXA-20/63   | 230/400 VAC | 30,000     |
| Closing Release for NXA-16    | 230/400 VAC | 25,000     |
| Closing Release for NXA-20/63 | 230/400 VAC | 30,000     |
| Motor Mechanism               | 230/400 VAC | 82,000     |





**Air Circuit Breakers (ACB - High Voltage)**

Certificates: KEMA, UKrSEPRO, GOST, RCC, CE  
Electric Ratings: 800~1150VAC, AC50/60Hz  
Overload long-time delay protection  
Short circuit time delay protection  
Short circuit instantaneous protection  
Earthing fault protection  
Standard: IEC/EN 60947-2



| Model      | Pole   | Rating    | Icu (800~1150VAC) | Price      |
|------------|--------|-----------|-------------------|------------|
| NA8-2500HV | 3 Pole | 1200 Amps | 65 kA             | On Request |
| NA8-2500HV | 3 Pole | 1600 Amps | 65 kA             | On Request |
| NA8-2500HV | 3 Pole | 2500 Amps | 65 kA             | On Request |
| NA8-4000HV | 3 Pole | 4000 Amps | 65 kA             | On Request |
| NA8-7500HV | 3 Pole | 7500 Amps | 65 kA             | On Request |



## Magnetic Contactors

The new NXC AC Contactors feature a novel appearance and a complete structure. They are mainly used for the frequent start and control of AC motors as well as remote circuit making/breaking.

They can also be combined with appropriate thermal overload relays to form electromagnetic starters

Rated Current: 9A to 630A  
Rated Operational Voltage: 220~690V  
Rated Insulation Voltage: 690V  
Reversible Version  
Certificate: KEMA, CE, UL, VDE, PCT  
Standard: IEC/EN60947-4-1



### 3-Pole

| Model   | Motor Rating<br>380/400<br>VAC<br>KW / HP | Operational Current<br>380 / 400 VAC<br>AC-3 AC-1 |     | Auxiliary Contacts | Price - PKR |
|---------|-------------------------------------------|---------------------------------------------------|-----|--------------------|-------------|
| NXC-09  | 4 / 5                                     | 9                                                 | 20  | 1NO+1NC            | 3,000       |
| NXC-12  | 5.5 / 7.5                                 | 12                                                | 25  | 1NO+1NC            | 3,500       |
| NXC-18  | 7.5 / 10                                  | 18                                                | 32  | 1NO+1NC            | 4,000       |
| NXC-25  | 11 / 15                                   | 25                                                | 40  | 1NO+1NC            | 5,000       |
| NXC-32  | 15 / 20                                   | 32                                                | 50  | 1NO+1NC            | 7,000       |
| NXC-38  | 18.5 / 25                                 | 38                                                | 50  | 1NO+1NC            | 7,800       |
| NXC-40  | 18.5 / 25                                 | 40                                                | 60  | 1NO+1NC            | 12,000      |
| NXC-50  | 22 / 30                                   | 50                                                | 80  | 1NO+1NC            | 13,500      |
| NXC-65  | 30 / 40                                   | 65                                                | 80  | 1NO+1NC            | 15,500      |
| NXC-75  | 37 / 50                                   | 75                                                | 95  | 1NO+1NC            | 21,000      |
| NXC-85  | 37 / 50                                   | 85                                                | 100 | 1NO+1NC            | 22,000      |
| NXC-100 | 45 / 60                                   | 100                                               | 110 | 1NO+1NC            | 24,000      |
| NXC-120 | 55 / 75                                   | 120                                               | 200 | -                  | 55,000      |
| NXC-160 | 75 / 100                                  | 160                                               | 200 | -                  | 60,000      |
| NXC-185 | 90 / 110                                  | 185                                               | 275 | -                  | 65,000      |
| NXC-225 | 110 / 150                                 | 225                                               | 275 | -                  | 70,000      |
| NXC-265 | 132 / 180                                 | 265                                               | 315 | -                  | 100,000     |
| NXC-330 | 160 / 210                                 | 330                                               | 380 | -                  | 145,000     |
| NXC-400 | 200 / 265                                 | 400                                               | 450 | -                  | 155,000     |
| NXC-630 | 335 / 450                                 | 630                                               | 700 | -                  | 270,000     |



### 4-Pole

| Model   | AC-3 Ratings<br>Amps | AC-1 Ratings<br>Amps | Rated Power<br>(KW) 400V | HP  | Price - PKR |
|---------|----------------------|----------------------|--------------------------|-----|-------------|
| NXC-09  | 09                   | 20                   | 4                        | 5   | 4,500       |
| NXC-12  | 12                   | 25                   | 5.5                      | 7.5 | 5,500       |
| NXC-25  | 25                   | 40                   | 11                       | 15  | 8,000       |
| NXC-40  | 40                   | 60                   | 18.5                     | 25  | 21,500      |
| NXC-50  | 50                   | 80                   | 22                       | 30  | 23,000      |
| NXC-65  | 65                   | 80                   | 30                       | 40  | 30,000      |
| NXC-80  | 80                   | 125                  | 37                       | 50  | 45,000      |
| NXC-95  | 95                   | 125                  | 45                       | 60  | 48,000      |
| NC2-115 | 115                  | 200                  | 55                       | 75  | 70,000      |
| NC2-150 | 150                  | 250                  | 75                       | 100 | 90,000      |
| NC2-185 | 185                  | 275                  | 90                       | 125 | 100,000     |
| NC2-225 | 225                  | 275                  | 110                      | 150 | 120,000     |
| NC2-265 | 265                  | 315                  | 132                      | 160 | 165,000     |
| NC2-330 | 330                  | 400                  | 160                      | 215 | 195,000     |
| NC2-400 | 400                  | 450                  | 200                      | 270 | 250,000     |
| NC2-630 | 630                  | 630                  | 335                      | 455 | 450,000     |

### Accessories of Contactors



### Auxiliary Contact Blocks

| Model    | Specifications   | Contact Arrangement | Price - PKR |
|----------|------------------|---------------------|-------------|
| AX-3X/11 | Top Aux Contact  | 1NO+1NC             | 770         |
| AX-3X/20 | Top Aux Contact  | 2NO                 | 770         |
| AX-3X/02 | Top Aux Contact  | 2NC                 | 770         |
| AX-3X/22 | Top Aux Contact  | 2NO+2NC             | 1,200       |
| AX-3X/13 | Top Aux Contact  | 1NO+3NC             | 1,100       |
| AX-3X/31 | Side Aux Contact | 1NO+1NC             | 1,100       |

### Mechanical Interlock

| Model      | Specifications    | Price - PKR |
|------------|-------------------|-------------|
| CJX2-09-32 | NXC-09 – NXC-38   | 1,100       |
| CJX2-40-65 | NXC-40 – NXC-65   | 1,650       |
| CJX2-80-95 | NXC-75 – NXC-100  | 1,650       |
| NCL7       | NXC-120 – NXC-225 | On Request  |
| NCL8-C     | NXC-265 – NXC-630 | On Request  |





### Operating Coils

| Model NXC-  | Description               | Price - PKR |
|-------------|---------------------------|-------------|
| 06-22       | 24, 48, 110, 220, 415 VAC | On Request  |
| NXC-25-32   | 110, 220, 415 VAC         | On Request  |
| NXC-40-65   | 110, 220, 415 VAC         | On Request  |
| NXC-75-100  | 110, 220, 415 VAC         | On Request  |
| NXC-120-160 | 110, 220, 415 VAC         | On Request  |
| NXC-185-225 | 110, 220, 415 VAC         | On Request  |
| NXC-265-330 | 110, 220, 415 VAC         | On Request  |
| NXC-400     | 110, 220, 415 VAC         | On Request  |
| NXC-630     | 110, 220, 415 VAC         | On Request  |

### Pneumatic Timer

| Model | Time Delay Range | Contacts | Price - PKR |
|-------|------------------|----------|-------------|
| F5-   | 0.1 - 30sec      | NO+NC    | On Request  |
| T2    | 10 - 180sec      | NO+NC    | On Request  |

F5-T4



## Thermal Overload Relays

NXR-Thermal overload relays are suitable for Overload and Phase Loss Protection for uninterrupted or intermittent AC motors. The thermal relays also provide temperature compensation, action indication, automatic and manual reset, stop, and testing functions. These thermal relays can be plugged into contactors or installed independently.

### Features

- Current Ranges from 0.1A to 630A
- Phase Loss protection
- With Testing mechanism and Stop button
- Operational Voltage: 690V
- Frequency: 50/60Hz
- Tripping Class: 10A
- Certificates: KEMA, CE, UL, RCC
- Standard: IEC60947-4-1, IEC/EN 60947-5-1



| Model   | Current Range (A) | Compatible Contactor Model | Price - PKR |
|---------|-------------------|----------------------------|-------------|
| NXR-25  | 0.63 - 1.0        | NXC-09 - 32                | 3,400       |
| NXR-25  | 1.0 - 1.6         |                            | 3,400       |
| NXR-25  | 1.6 - 2.5         |                            | 3,400       |
| NXR-25  | 2.5 - 4           |                            | 3,400       |
| NXR-25  | 4 - 6             |                            | 3,400       |
| NXR-25  | 5.5 - 8           |                            | 3,400       |
| NXR-25  | 7 - 10            |                            | 3,400       |
| NXR-25  | 9 - 13            |                            | 3,400       |
| NXR-25  | 12 - 18           |                            | 3,400       |
| NXR-25  | 17 - 25           |                            | 3,400       |
| NXR-38  | 23 - 32           | NXC-25 - 38                | 4,500       |
| NXR-38  | 30 - 38           |                            | 4,500       |
| NXR-100 | 37 - 50           | NXC-40 - 100               | 6,500       |
| NXR-100 | 48 - 65           |                            | 6,500       |
| NXR-100 | 63 - 80           |                            | 7,500       |
| NXR-100 | 80 - 100          |                            | 9,500       |
| NXR-200 | 80 - 160          | NXC-120 -                  | On Request  |
| NXR-200 | 125 - 250         |                            | On Request  |
| NXR-630 | 200 - 400         | 225 NXC-265                | On Request  |
| NXR-630 | 315 - 630         |                            | On Request  |

– 6 3 0

### Accessories for NXR

| Accessory Type Mounting   | Price - PKR |
|---------------------------|-------------|
| Base for NXR-25           | On Request  |
| Mounting Base for NXR-38  | On Request  |
| Mounting Base for NXR-100 | On Request  |

100



## Manual Motor Starters

Up to 80A  
With Overload protection  
With Short Circuit protection  
With Phase Failure protection  
Electrical Rating: 690V  
Temperature: -5 to 40  
Standard: IEC/EN 60947-2, IEC/EN 60947-4-1  
Certificates: SEMKO, CE, UkrSEPRO, RCC, UL



| Model    | Icu (kA) 415 VAC | Current Range (A) | Price - PKR |
|----------|------------------|-------------------|-------------|
| NS2 -25  | 100 kA           | 0.4 - 0.63        | 10,000      |
| NS2 -25  | 100 kA           | 0.63 - 1          | 10,000      |
| NS2 -25  | 100 kA           | 1 - 1.6           | 10,000      |
| NS2 -25  | 100 kA           | 1.6 - 2.5         | 10,000      |
| NS2 -25  | 100 kA           | 2.5 - 4           | 10,000      |
| NS2 -25  | 100 kA           | 4 - 6.3           | 10,000      |
| NS2 -25  | 100 kA           | 6 - 10            | 10,000      |
| NS2 -25  | 15 kA            | 9 - 14            | 10,000      |
| NS2 -25  | 15 kA            | 13 - 18           | 10,000      |
| NS2 -25  | 15 kA            | 20 - 25           | 10,000      |
| NS2-80B  | 15 kA            | 25 - 40           | 28,000      |
| NS2-80B  | 15 kA            | 40 - 63           | 28,000      |
| NS2 -80B | 15kA             | 56 - 80           | 28,000      |

## Accessories of NS2

| Model     | Specifications                   | Price - PKR |
|-----------|----------------------------------|-------------|
| NS2-AU11  | Auxiliary 1NO + 1NC (Side Mount) | 1,800       |
| NS2-F2    | Fault Signal Contact             | On Request  |
| NS2-UV220 | Under Voltage Release            | On Request  |
| NS2-25X   | Extended Rotary Handle           | On Request  |
| NS2-EH8   | Extended Rotary Handle           | On Request  |



## Direct Online Starters

Overload Protection  
 Phase failure protection  
 Available up to 11kW / 22A  
 Rated Operational Voltage: 690VAC  
 Frequency: 50/60Hz  
 Temperature: -5 to 40  
 IP class: IP55  
 Standard: IEC/EN60947-4-1



| Model    | Motor Capacity 380/400VAC | Current Range (A) | Price - PKR |
|----------|---------------------------|-------------------|-------------|
| NQ3-5.5P | 0.5HP / 0.37kW            | 0.63 - 1          | 14,000      |
| NQ3-5.5P | 0.75HP / 0.55kW           | 1 - 1.6           | 14,000      |
| NQ3-5.5P | 1HP / 0.75kW              | 1.6 - 2.5         | 14,000      |
| NQ3-5.5P | 2HP / 1.5kW               | 2.5 - 4           | 14,000      |
| NQ3-5.5P | 3HP / 2.2kW               | 4 - 6.0           | 14,000      |
| NQ3-5.5P | 4HP / 3kW                 | 5.5 - 8.0         | 14,000      |
| NQ3-5.5P | 7.5HP / 5.5kW             | 9 - 13            | 14,000      |
| NQ3-11P  | 10HP / 7.5kW              | 12 - 18           | 20,000      |
| NQ3-11P  | 15HP / 11kW               | 17 - 25           | 20,000      |

## Protection Relays

NJYB3 Relay is used to provide overvoltage, Undervoltage, phase failure, phase sequence, three-phase unbalance temperature and load protection control in three-phase three-wire up to 415V circuits and three-phase four-wire up to 240V circuits with a frequency of AC50Hz.



| Model    | Specifications                                                     | Price - PKR |
|----------|--------------------------------------------------------------------|-------------|
| NJYB3-4  | Under & Over Voltage with phase failure, 3Phase, 3 Wire            | 7,500       |
| NJYB3-5  | Under & Over Voltage with phase failure & sequence, 3Phase, 3 Wire | 7,500       |
| NJYB3-11 | Under & Over Voltage with phase failure, 1/3Phase, 3 Wire          | 7,500       |
| NJYB3-12 | Under & Over Voltage with phase failure & sequence, 3Phase, 4 Wire | 7,500       |





## Motor Protection Relay

NJBK7 series motor protection relay is applicable for overload protection, locked rotor protection, phase failure protection, three-phase imbalance protection, undercurrent protection, grounding protection, PTC temperature protection and communication failure protection for AC electromotors of a frequency of 50Hz with a rated insulation voltage of up to 690V and a rated operating current of 1A - 800A.

This protector is usually used to combine with AC contactor and conforms to IEC60947-4-1.



| Model          | Current Range (A) | Motor Power (kW) | Price - PKR |
|----------------|-------------------|------------------|-------------|
| NJBK7-800T/400 | 80 - 400          | 40 - 200         | 40,000      |
| NJBK7-800T/800 | 200 - 800         | 100 - 400        | 50,000      |

## Pulse Relay

NJMC1 pulse relay is a mechanical bistable relay that changes the contact state by inputting pulse signals. Contact switching current of up to 16A and 32A  
A complete range of AC/DC specifications



| Model | Contact Load (Resistive) | Coil Rated Voltage | Price - PKR |
|-------|--------------------------|--------------------|-------------|
| NJMC1 | 16A, 1Pole               | 230 VAC            | 3,000       |
| NJMC1 | 32A, 1Pole               | 230 VAC            | 4,000       |

## Counting Relay



| Model         | Voltage Range | Type    | Price - PKR |
|---------------|---------------|---------|-------------|
| NJJ3 AC/DC    | 100V - 240V   | Digital | 20,000      |
| JDM 15G AC/DC | 100V - 240V   | Analog  | 18,000      |





### Modular AC Contactor

NCH8-Manual Modular AC contactor is mainly used in power systems with AC 50Hz/60Hz, rated operating voltage up to 400V and rated operating current up to 63A. It is used as remote or manual switch for circuit control under AC-7a and AC-7b (non-inductive load or low-inductive load/resistance furnace, domestic appliance and low-inductive load of similar applications) application category.



| Model   | Current<br>(AC-1, AC-7a) | Number of Contact | Price - PKR |
|---------|--------------------------|-------------------|-------------|
| NCH8-20 | 20A                      | 1 NO + 1 NC       | 4,000       |
| NCH8-20 | 20A                      | 2 NO + 2 NC       | 6,000       |
| NCH8-25 | 25A                      | 2 NO + 2 NC       | 6,000       |
| NCH8-40 | 40A                      | 1 NO + 1 NC       | 7,000       |

### Industrial Power Relay

These power relays are available in different coil voltages 12VDC, 24VDC, 220VAC etc. These relays have contact switching capability of 10A. A complete range of AC/DC specifications and are enclosed in transparent dust cover. Certifications are CE UL



| Model           | Type         | Contacts      | Price - PKR |
|-----------------|--------------|---------------|-------------|
| JQX-10F 2Z      | 8Pin, Round  | 2CO / 10 Amps | 1,250       |
| JQX-10F 3Z      | 11Pin, Round | 3CO / 10 Amps | 1,550       |
| JQX- 13F (D) 2Z | 8Pin, Flat   | 2CO / 10 Amps | 1,550       |
| JQX-22F 4Z      | 14Pin, Flat  | 4CO / 5 Amps  | 1,100       |

### Power Relay Socket

| Model    | Type         | Applicable for  | Price - PKR |
|----------|--------------|-----------------|-------------|
| CZF08A-E | 8Pin, Round  | JQX-10F 2Z      | 650         |
| CZF11A-E | 11Pin, Round | JQX-10F 3Z      | 650         |
| CZF08A-E | 8Pin, Flat   | JQX- 13F (D) 2Z | 650         |
| CZF14A-E | 14Pin, Flat  | JQX-22F         | 650         |





### Time Delay Relays

JSZ3 Time Delay Relay is applicable for automatic control system, such as machine automatic control and complete equipment automatic control, etc.



| Model    | Specifications                                                                                                                                         | Price - PKR |
|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| JSZ3C-B  | Power on delay with instantaneous operation<br>Contact 8Pin Plugin Type<br>Delay Range 0.1-1sec/10sec/60sec/6min<br>Operation Voltage :220VAC, 50/60Hz | 3,300       |
| JSZ3Y    | Star Delta Delay<br>Delay Range 30sec<br>Operation Voltage :220VAC, 50/60Hz                                                                            | 3,900       |
| JSZ3A-A  | Power on delay / Multi Range Timer<br>Delay Range 0.05-0.5/-5sec/30sec/3min<br>Operation Voltage :220VAC, 50/60Hz                                      | 2,750       |
| JSZ3 A-G | Power on delay<br>Delay Range 0.05-4min /40 min/4hr / 24hr<br>Operation Voltage :220VAC, 50/60Hz                                                       | 2,750       |
| CZS08X-E | Timer Socket                                                                                                                                           |             |





## Current Transformers

Secondary current Isn: 5A  
 Rated voltage Ue: 660V  
 Frequency: 50/60Hz  
 Operating temperature: -5°C to + 40°C  
 Standards: IEC/EN 60044-1  
 Installation type: busbar or plate fixing



| Model        | No           | BH-     | Transformation Ratio | Accuracy Class | Price - PKR |
|--------------|--------------|---------|----------------------|----------------|-------------|
| 0.66         | 40           | I B     | 30/5A                | 3              | 4,500       |
| BH-0.66      | 40           | I B     | 75/5A                | 3              | 4,500       |
| BH-0.66      | 40           | I B BH- | 50/5A                | 3              | 4,500       |
| 0.66         | 40           | I       | 100/5A               | 0.5            | 4,500       |
| BH-0.66      | 40           | I       | 150/5A               | 0.5            | 4,500       |
| BH-0.66      | 40           | I       | 200/5A               | 0.5            | 4,500       |
| BH-0.66      | 40           | I       | 250/5A               | 0.5            | 4,500       |
| BH-0.66      | 40           | I       | 300/5A               | 0.5            | 4,500       |
| BH-0.66      | 40           | I       | 400/5A               | 0.5            | 4,500       |
| BH-0.66      | 60           | I       | 500/5A               | 0.5            | 6,500       |
| BH-0.66      | 60           | I       | 600/5A               | 0.5            | 6,500       |
| BH-0.66      | 60           | I       | 800/5A               | 0.5            | 7,200       |
| BH-0.66      | 60           | I       | 1000/5A              | 0.5            | 7,800       |
| BH(SDH)-0.66 | 60           | II      | 500/5A               | 0.5            | 6,600       |
| BH(SDH)-0.66 | 60           | II      | 600/5A               | 0.5            | 6,600       |
| BH(SDH)-0.66 | 60           | II      | 800/5A               | 0.5            | 7,200       |
| BH(SDH)-0.66 | 60           | II      | 1000/5A              | 0.5            | 7,700       |
| BH(SDH)-0.66 | 60           | II      | 1200/5A              | 0.5            | 8,000       |
| BH(SDH)-0.66 | 100          |         | 1500/5A              | 0.5            | 10,000      |
| II           | BH(SDH)-0.66 |         | 2000/5A              | 0.5            | 11,500      |
| 100          | II           |         | 2500/5A              | 0.5            | 12,500      |
| BH(SDH)-0.66 | 120          |         | 4000/5A              | 0.5            | 18,000      |
| II           |              |         |                      |                |             |

BH(SDH)-0.66 120

II



Capacitors

Used for the Improvement of Power factor and Power Quality

- Ambient Temp: -25 to +50 deg C
- Self-Healing
- Rated Voltage: 230/525VAC
- Metal enclosure
- Convenient for mounting
- Standard: IEC/EN 60831-1:2014



| ModelNo       | Ratings | Voltage   | Price - PKR |
|---------------|---------|-----------|-------------|
| NWC6-0.45-5-3 | 5kVAR   | 415/440VA | 14,50       |
| NWC6-0.45-12- | 12kVA   | C         | 0           |
| 3 NWC6-0.45-  | R       | 415/440VA | 22,00       |
| 25-3          | 25kVA   | C         | 0           |
| NWC6-0.45-40- | R       | 415/440VA | 35,50       |
| 3             | 40kVA   | C         | 0           |
|               | R       | 415/440VA | 55,00       |
|               |         | C         | 0           |



| ModelNo      | Ratings | Voltage   | Price - PKR |
|--------------|---------|-----------|-------------|
| BZMJ-0.4-5-3 | 7.5kVA  | 415/440VA | 12,50       |
| BZMJ-0.4-12- | R       | C         | 0           |
| 3            | 12kVAR  | 415/440VA | 18,00       |
| BZMJ-0.4-25- | 25kVAR  | C         | 0           |
| 3            | 50kVAR  | 415/440VA | 37,50       |
| BZMJ-0.4-50- |         | C         | 0           |
| 3            |         | 415/440VA | 66,50       |
|              |         | C         | 0           |





## Power Factor Controller

Reactive Power Compensation Controller is a dedicated controller which can make compensations for the reactive power of low voltage distribution system. Rated Voltage is 220/440VAC, 50/60Hz and available in 6 and 12 steps



### Features:

With combined control on reactive power and power factor, a reliable input can be ensured under low load and surge switching can be prevented.

Real-time display of the network status, including parameters such as power factor, voltage, current, active power, and reactive power, etc.

The polarity of the sampling signal can be automatically identified. Therefore, no worry about wrong connections with reversed polarity.

In case the voltage of the electrical power network is lower than 300 V, or exceeds the preset over-voltage protection value, the connected capacitor banks will be automatically and rapidly (5 sec.) disconnected in steps, and the voltage value will be displayed.

The controller is a cyclic automated-self-test function,

| Model No. | Specifications | Price - PKR |
|-----------|----------------|-------------|
| JKF8-6    | 6-Steps        | 50,000      |
| JKF8-12   | 12-Steps       | 60,000      |





## Load Break Switch

For Manually making & breaking of circuit  
Standard: IEC 60947-3 : 2001 (AC22/AC23)  
Certified: CE, KEMA



| Model        | No. | Rated Current | Poles | Price - PKR |
|--------------|-----|---------------|-------|-------------|
| NH40-125/3C  |     | 125A          | 3     | 35,000      |
| NH40-160/3C  |     | 160A          | 3     | 40,000      |
| NH40-250/3C  |     | 250A          | 3     | 55,000      |
| NH40-400/3C  |     | 400A          | 3     | 80,000      |
| NH40-630/3C  |     | 630A          | 3     | 110,000     |
| NH40-800/3C  |     | 800A          | 3     | On Request  |
| NH40-1000/3C |     | 1000A         | 3     | On Request  |
| NH40-1250/3C |     | 1250A         | 3     | On Request  |
| NH40-1600/3C |     | 1600A         | 3     | On Request  |
| NH40-2000/3C |     | 2000A         | 3     | On Request  |
| NH40-2500/3C |     | 2500A         | 3     | On Request  |

1600/3C  
NH40-  
2000/3C  
NH40-  
2500/3C

## Change Over Switches (Manual)



| Model         | No. | Rated Current | Poles | Price - PKR |
|---------------|-----|---------------|-------|-------------|
| NH40-125/4CS  |     | 125A          | 4     | 75,000      |
| NH40-162/4CS  |     | 160A          | 4     | 80,000      |
| NH40-250/4CS  |     | 250A          | 4     | 100,000     |
| NH40-400/4CS  |     | 400A          | 4     | 200,000     |
| NH40-630/4CS  |     | 630A          | 4     | 250,000     |
| NH40-1000/4CS |     | 1000A         | 4     | On Request  |
| NH40-1252     |     | 1250A         | 4     | On Request  |
| NH40-1600     |     | 1600A         | 4     | On Request  |





Motorize Change Over Switches (ATS)

NXZ(H)B/NXZ(H)M Series Automatic Transfer Switching Equipment is applicable to three-phase four-wire duplicate supply grid of AC 50/60Hz, rated voltage 400V/415V and below, rated current 800A, and can switch one or several load circuits from one power source to the other to ensure the normal power supply of the load circuit. This product is applicable to industrial and commercial power use places, high-rise buildings, and residential houses.

Certification: KEMA, CE etc.



| Model        | Rated Current  | Poles | Price-PKR |
|--------------|----------------|-------|-----------|
| NXZM-125S/4B | 63 / 100 Amps  | 4     | 155,00    |
| NXZM-160S/4B | 125 / 160 Amps | 4     | 0         |
| NXZM-250S/4B | 250 Amps       | 4     | 175,00    |
| NXZM-400S/4B | 400 Amps       | 4     | 0         |
| NXZM-630S/4B | 630 Amps       | 4     | 185,00    |
| NXZM-800S/4B | 800 Amps       | 4     | 0         |
|              |                |       | 350,00    |
|              |                |       | 0         |
|              |                |       | 375,00    |
|              |                |       | 0         |
|              |                |       | 475,00    |
|              |                |       | 0         |



**RT 36-00****RT36 Kinfe Contact Fuse Protector**

Electric ratings: AC 690V, up to 1000A

Application: For protection of electric apparatus against over-load and short circuit

Features: Compact design, light weight, low power consumption and high breaking capacity

Standard: IEC 60269.

**HRCFuses**

| Model No. | Ratings       | Price - PKR |
|-----------|---------------|-------------|
| HRT 36    | 10,16, 25, 32 | 1,500       |
| HRT 36    | 63            | 1,600       |
| HRT 36    | 100, 125      | 1,700       |
| HRT 36    | 160           | 1,800       |
| HRT 36    | 250           | 3,000       |
| HRT 36    | 315           | 4,000       |
| HRT 36    | 400           | 4,000       |
| HRT 36    | 500           | 5,000       |
| HRT 36    | 630           | 5,000       |
| HRT 36    | 800           | On Request  |
| HRT 36    | 1000          | On Request  |
| HRT 36    | 1250          | On Request  |

**HRT-36 Base**

| Model | Specifications   | Price - PKR |
|-------|------------------|-------------|
| No.   | Base up to 160A  | 2,000       |
| HRT36 | Base up to 250A  | 4,000       |
| HRT36 | Base up to 400A  | 6,000       |
| HRT36 | Base up to 630A  | 8,000       |
| HRT36 | Base up to 1250A | On Request  |
| HRT36 |                  |             |

**RT 28 Cylindrical Contact Caps Fuse Protector**

| Model No. | Specifications     | Price - PKR |
|-----------|--------------------|-------------|
| RT-28     | Fuse Holder 1P-32A | On Request  |

**RT 28 Cylindrical Fuse**

| Model No. | Specifications         | Price - |
|-----------|------------------------|---------|
| RT-28     | Cylindrical Fuse 2-32A | PKR On  |





## Panel Meters



| Model No. | Specifications                                                                                                                                                                                                                                                                                                                                                       | Price - PKR |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| DM96U     | Digital AC Voltmeter LED Display, 0 to 600VAC<br>Supply Voltage: AC220 $\pm$ 10%<br>Regular Sizes Available                                                                                                                                                                                                                                                          | 4,500       |
| DM961     | Digital AC AMMETER LED Display, 0 to 999/5A<br>Supply Voltage: AC220 $\pm$ 10%<br>Regular Sizes Available                                                                                                                                                                                                                                                            | 5,000       |
| NP96-V    | Analogue AC Voltmeter scale 0 to 500VAC<br>Regular Sizes Available                                                                                                                                                                                                                                                                                                   | On Request  |
| NP96-A    | Analog AC AMMETER scale 10A to 2000A with 5A CT operated<br>Regular Sizes Available                                                                                                                                                                                                                                                                                  | On Request  |
| PD6663S4  | Digital Electrical Analyzer 3 Phase, 4 Digit LED Display<br>Electrical Parameters: Voltage, Current, Frequency, Active Power, Power Factor, Reactive Power, Active Energy etc.<br>RS485 Data interface, Auxiliary Power Supply 85 to 264 VAC<br>Size: 96x96 mm                                                                                                       | On Request  |
| PD7777-8H | Digital Harmonic Multi-Function Meter<br>3 Phase, 4.3" Digit Color Display Touch Screen in Place of Mechanical Keys<br>Electrical Parameters: Voltage, Current, Frequency<br>Active Power, Power Factor, Reactive Power, Active Energy etc.<br>Measure 2nd -31st Harmonic Ratio of the Voltage, Current & Harmonic bar Chart<br>RS-485 Data Interface, USB Data Port | On Request  |





## Control Signals

### Indication Lights

| Model No.  | Specifications       | Price - PKR |
|------------|----------------------|-------------|
| ND16-22D/4 | Red Color, 220VAC    | 500         |
| ND16-22D/4 | Green Color, 220VAC  | 500         |
| ND16-22D/4 | Yellow Color, 220VAC | 500         |
| ND16-22D/4 | Blue Color, 220VAC   | 500         |



### Indication Lights

| Model No. | Specifications       | Price - PKR |
|-----------|----------------------|-------------|
| ND9-22D/4 | Red Color, 220VAC    | 1,000       |
| ND9-22D/4 | Green Color, 220VAC  | 1,000       |
| ND9-22D/4 | Yellow Color, 220VAC | 1,000       |
| ND9-22D/4 | Blue Color, 220VAC   | 1,000       |



### PushButton

| Model No.  | Specifications                       | Price - PKR |
|------------|--------------------------------------|-------------|
| NP2-BA31   | Green - 22mm - 1NO (non-Illuminated) | 750         |
| NP2-BA41   | Red - 22mm - 1NC (non-Illuminated)   | 750         |
| NP2-BW3361 | Green -22mm - 1NO (Illuminated)      | 1,400       |
| NP2-BW3462 | Red - 22mm - 1NC (Illuminated)       | 1,400       |
| NP2-BS542  | Mushroom Head 40mm -1NC              | 1,100       |
| NP2-BE101  | NO Contact                           | 200         |
| NP2-BE102  | NC Contact                           | 200         |



### Selector Switches

| Model No.   | Specifications                           | Price - PKR |
|-------------|------------------------------------------|-------------|
| NP2-BJ21    | 2Position – 1NO, Metal (non-illuminated) | 900         |
| NP2-BJ33    | 3Position – 2NO, Metal (non-illuminated) | 1,100       |
| NP8-11XD/21 | 2Position – 1NO+1NC, Metal (illuminated) | On Request  |
| NP8-11XD/21 | 3Position – 2NO+1NC, Metal (illuminated) | On Request  |



### CAM Switches

| Model No.  | Specifications                           | Price - PKR |
|------------|------------------------------------------|-------------|
| LW32-20LH3 | 4 Position Ammeter Selector              | 4,500       |
| LW32-20YH5 | 7 Position Voltmeter Selector            | 5,000       |
| LW32-20-1  | Auto-Off-Manual, 20A                     | On Request  |
| LW32-63-4  | Change Over Switch (Manual) I-O-II, 32A, | On Request  |
| LW32-63-2  | Phase Selector Switch 4-Position , 63A   | On Request  |





## Inverters/VFD's



| Model No.   | Specifications                                       | Motor Rating | Price - PKR |
|-------------|------------------------------------------------------|--------------|-------------|
| NVF3-       | Single Phase Input 220VAC, Three Phase Output 220VAC | 1HP/0.75kW   | On Request  |
| 0.75/D2     | Single Phase Input 220VAC, Three Phase Output 220VAC | 2HP/1.5kW    | On Request  |
| NVF3-1.5/D2 | Three Phase Input 220VAC, Three Phase Output 220VAC  | 1HP /0.75kW  | On Request  |
| NVF3-       | Three Phase Input 220VAC, Three Phase Output 220VAC  | 2HP/1.5kW    | On Request  |
| 0.75/S2     | Three Phase Input 380VAC, Three Phase Output 380VAC  | 1HP/0.75kW   | On Request  |
| NVF3-1.5/S2 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 2HP/1.5kW    | On Request  |
| NVF7-       | Three Phase Input 380VAC, Three Phase Output 380VAC  | 3HP/2.2kW    | On Request  |
| 0.75/S4     | Three Phase Input 380VAC, Three Phase Output 380VAC  | 5HP/3.7kW    | On Request  |
| NVF7-1.5/S4 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 7.5HP/5.5kW  | On Request  |
| NVF7-2.2/S4 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 10HP/7.5kW   | On Request  |
| NVF7-3.7/S4 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 15HP/11kW    | On Request  |
| NVF7-5.5/S4 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 20HP/15kW    | On Request  |
| NVF7-7.5/S4 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 25HP/18.5kW  | On Request  |
| NVF7-11/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 30HP/22kW    | On Request  |
| NVF7-15/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 40HP/30kW    | On Request  |
| NVF7-18/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 50HP/37kW    | On Request  |
| NVF7-22/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 60HP/45kW    | On Request  |
| NVF7-30/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 74HP/55kW    | On Request  |
| NVF7-37/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 100HP/75kW   | On Request  |
| NVF7-45/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 120HP/90kW   | On Request  |
| NVF7-55/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 147HP/110kW  | On Request  |
| NVF7-75/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 177HP/132kW  | On Request  |
| NVF7-90/S4  | Three Phase Input 380VAC, Three Phase Output 380VAC  | 215HP/160kW  | On Request  |
| NVF7-110/S4 | Three Phase Input 380VAC, Three Phase Output 380VAC  | 248HP/185kW  | On Request  |
| NVF7-132/S4 |                                                      | 268HP/200kW  |             |
| NVF7-160/S4 |                                                      |              |             |
| NVF7-185/S4 |                                                      |              |             |
| NVF7-200/S4 |                                                      |              |             |

