

Intelligence beyond vision

CIRCUIT BREAKERS
PHOTOVOLTAIC PRODUCTS
INDUSTRIAL PRODUCTS







SHIMADEN (Japan)

Temperature Controllers, Indicators & Hybrid Recorder.



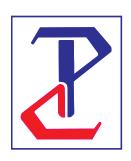








PRICE LIST



PRINCE ELECTRIC

E-Mail: info@princeelectric.com

1/Jan/2024

E-Mail:	info@princeele	1/Jan/2024	
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NOTE: THE PRICES IN The List are for reference only, discount/multiplier are applicable -

CHINA

CHINA

CHINA

CHINA

CHINA

CHINA

CHINA

INDUSTRIAL PLUG SOCKETS

PVC CABLE TIES (UL Certified)

CURRENT TRANSFORMERS

PVC DUCTS

PVC CABLE TIES

FITTINGS GLANDS

PVC FLEXIBLE PIPE

QIXING

CHS

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JKCN

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Effective Date: 1/Jan/2024



MADE IN JAPAN

1707.052.114.07.07.01					
MITSUBISHI Brand MCCBs (MOULD	ED CASE CIRCUIT	BREAKER)			
3-POLE, 600 / 690VAC WITH THERMAL	& MAGNETIC / ELE	ECTRONIC TRIP DEVICE AND	TRIP BUTTON		
RATINGS:	MODELS:	BREAKING CAPACITY (KA)	UNIT PRICE		
(AMPERES)	WORLD Super	IEC60947-2 (Icu / Ics)	(RUPEES)		
	" V " Series	380/415VAC (DC250V)			
3, 5, 10, 15, 20, & 30	NF30-CS	1.5 / 1.5	9,500		
3, 6, 10, 16, 20, 25, & 32	NF32-SV	5/5	10,000		
10, 16, 20, 32, 40, 50 & 63	NF63-CV	5/5	12,000		
10, 16, 20, 32, 40, 50 & 60	NF60-SV	7.5 / 4	16,000		
10, 16, 20, 25, 32, 40, 50, & 63	NF63-HV	10 / 8	17,000		
63, 80, 100	NF125-CV	10 / 5	18,000		
125	NF125-CV	10 / 5	27,000		
125, 150, 175, 200 & 225	NF250-CV	25 / 19	34,000		
250	NF250-CV	25 / 19	39,000		
250, 300 & 400	NF400-CW	40 / 20	80,000		
500, 600 & 630	NF630-CW	40 / 20	185,000		
ETR ADJUSTABLE. 500 ~ 800A	NF800-CEW	40 / 20	255,000		
ETR ADJUSTABLE. 500 ~ 1000A	NF1000-SEW	85 /43	450,000		
ETR ADJUSTABLE. 625 ~ 1250A	NF1250-SEW	85 /43	550,000		
ETR ADJUSTABLE. 800 ~ 1600A	NF1600-SEW	85 /43	650,000		
ETR ADJUSTABLE. 1000 ~ 2000A	NF2000-SEW	85 /43	ON REQUEST		

MITSUBISHI Electric, lanuched the first low-voltage circuit breaker in Japan in 1933, low-voltage circuit breakers has, satisfied the needs of the age and the industry market for more than half a century all over the world. **"WS-V Series"** circuit breakers with superior aspects such as the higher breaking capacity, design for easy use, standardization of accessories copmpliance to the up to date international standards and so on.



1) HIGH

Effective Date: 1/Jan/2024



110,000

148,000

MADE IN JAPAN

50 / 50

50 / 50

MITSUBISHI Brand MCCBs (MOULDED CASE CIRCUIT BREAKER).

3-POLE, 690VAC WITH THER	MAL & MAGNETIC	TRIPPINGLEVICE	AND TRIP BLITTON
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RATINGS:	MODELS:	BREAKING CAPACITY (KA) UNIT PRICE
(AMPERES)	WORLD Super	IEC60947-2 (Icu / Ics)	(RUPEES)
	" V " Series	400/415VAC	
IGH BREAKING CAPACITY:			
10, 20, 32, 40, 50, 63, 80 & 100	NF125-SV	30 / 30	27,000
125	NF125-SV	30 / 30	30,000
125, 150, 160	NF250-SV	36 / 36	60,000
175, 200 & 225	NF250-SV	36 / 36	62,000
250	NF250-SV	36 / 36	65,000

2) EXTRA HIGH BREAKING CAPACITY:

MGT. ADJ. 500, 600 & 630

250, 300 & 400

,			
10, 16, 20, 32, 40, 50, 63, 80 & 100	NF125-HV	50 / 38	48,000
125	NF125-HV	50 / 38	55,000
125, 150, 160	NF160-HV	75 / 75	60,000
125, 150, 175, 200, 225	NF250-HV	75 / 75	62,000
250	NF250-HV	75 / 75	70,000

NF400-SW

NF630-SW

STANDARD ADJUSTABLE MCCBs ELECTRONIC / THERMAL MODELS:

16-20, 25-32, 35-50,	45-63, 70-100	NF125-SGV	36 / 36	30,000
	90-125	NF125-SGV	36 / 36	45,000
	125-160	NF160-SGV	36 / 36	58,000
140	-200, 175-250	NF250-SGV	36 / 36	70,000
ETR. ADJUSTAE	BLE 200 TO 400	NF400-SEW	50 / 50	160,000
" "	300 TO 630	NF630-SEW	50 / 50	180,000
" "	400 TO 800	NF800-SEW	50 / 50	350,000

MITSUBISHI Electric, lanuched the first low-voltage circuit breaker in Japan in 1933, low-voltage circuit breakers has, satisfied the needs of the age and the industry market for more than half a century all over the world. **"WS-V Series"** circuit breakers with superior aspects such as the higher breaking capacity, design for easy use, standardization of accessories copmpliance to the up to date international standards and so on.



Effective Date: 1/Jan/2024



MADE IN JAPAN

MITSUBISHI Brand MCCBs (MOULDED CASE CIRCUIT BREAKER).

3-POLE, 690VAC WITH THERMAL & MAGNETIC / ELECTRONIC TRIPPING DEVICES AND TRIP BUTTON.

RATINGS: (AMPERES) MODELS:

BREAKING CAPACITY (KA) UNIT PRICE

WORLD Super

IEC60947-2 (Icu / Ics)

(RUPEES)

" V " Series 400/415VAC

EXTRA HIGH BREAKING CAPACITY, ADJUSTABLE, ELECTRONIC / THERMAL MODELS:

16-20, 25-32, 35-50, 45-63, 70-100	NF125-LGV	50 / 50	38,000
90-125	NF125-LGV	50 / 50	48,000
125-160	NF160-LGV	50 / 50	68,000
140-200, 175-250	NF250-LGV	50 / 50	90,000
16-20, 25-32, 35-50, 45-63, 70-100	NF125-HGV	75 / 75	42,000
90-125	NF125-HGV	75 / 75	60,000
125-160	NF160-HGV	75 / 75	76,000
140-200, 175-250	NF250-HGV	75 / 75	100,000
ETR. ADJUSTABLE 200 TO 400	NF400-HEW	70 / 70	175,000
" " 300 TO 630	NF630-HEW	70 / 70	220,000
" " 400 TO 800	NF800-HEW	70 / 70	410,000
" " 500 TO 1000	NF1000-SEW ¹	85 / 43	450,000
" " 600 TO 1250	NF1250-SEW ¹	85 / 43	550,000
" " w/Aux 800 TO 1600	NF1600-SEW ¹	85 / 43	650,000
" " w/Aux 1200 TO 2000	NFE2000-S ¹	85 / 50	PRICE ON
" " w/Aux 1500 TO 2500	NF2500-S	85 / 50	REQUEST
" " w/Aux 1800 TO 3000	NF3000-S	85 / 50	1 1
" " w/Aux 2500 TO 4000	NFE4000-S ¹	85 / 50	/ /

MITSUBISHI is the only brand offering Complete Range of JAPANESE Origin (Made in Japan) MCCBs, ACBs, MCs, VCBs, Relays etc., in Pakistan









MITSUBISHI Brand MCCBs (MOULDED CASE CIRCUIT BREAKER).

3-POLE, 690VAC WITH THERMAL & MAGNETIC TRIPPINGI DEVICE AND TRIP BUTTON.

RATINGS:	MODELS:	BREAKING CAPACITY (KA)	UNIT PRICE
(AMPERES)	WORLD Super	IEC60947-2 (Icu / Ics)	(RUPEES)
	" V " Series	400/415VAC	
1) FIXED / THERMAL ADJUSTABLE			
32 40 63 80 100 A	NEC400 CNAVA*	10/5	17 000

,				
32,40,63,80,100 A		NFC100-CMXA*	10/5	17,000
32,40,50,63,80,100	A	NFC100-SMXA*	25 / 12.5	24,000
100,125, 125-160	Thr / Adj	NFC160-CMXA*	15 / 7.5	35,000
160-200, 200-250	Thr / Adj	NFC250-CMXA*	15 / 7.5	45,000
100-125, 125-160	Thr / Adj	NFC160-SMXA*	25/12.5	40,000
160-200, 200-250	Thr / Adj	NFC250-SMXA*	25/12.5	50,000
125 ~ 160 A	Thr / Adj	NFC160-HMXA	36/18	65,000
160-200, 200-250	Thr / Adj	NFC250-HMXA	36/18	65,000
300, 400 A		NFC400 SMXA	36/18	85,000
300, 400 A		NFC400 HMXA	50/25	100,000
500, 630 A		NFC630 SMXA	36/18	176,000
500, 630 A		NFC630 HMXA	50/25	195,000

MITSUBISHI Electric, lanuched the first low-voltage circuit breaker in Japan in 1933, low-voltage circuit breakers has, satisfied the needs of the age and the industry market for more than half a century all over the world. **"WS-V Series"** circuit breakers with superior aspects such as the higher breaking capacity, design for easy use, standardization of accessories copmpliance to the up to date international standards and so on.



Effective Date: 1/Jan/2024



MADE IN JAPAN

MITSUBISHI Brand MCCBs (MOULDED CASE CIRCUIT BREAKER).

4-POLE, 690VAC WITH THERMAL & MAGNETIC / ELECTRONIC TRIPPING DEVICES AND TRIP BUTTON.

RATINGS: MODELS No. BREAKING CAPACITY (KA) UNIT PRICE (AMPERES) WORLD Super IEC60947-2 (RUPEES)

" V " Series 400/415VAC

FOUR (4) POLE STANDARD FIXED / ADJUSTABLE MCCBs

` *			
10, 16, 20, 25, 32, 40, 50, & 63	NF63-HV	10 / 8	32,000
63,80,100	NFC100-SMXA	25 / 25	45,000
160-200, 200-250	NFC250-SMXA	25 / 25	90,000
16-20, 25-32, 35-50, 45-63, 70-100	NF125-SGV	36 / 36	48,000
90-125	NF125-SGV	36 / 36	60,000
125-160	NF160-SGV	36 / 36	80,000
140-200, 175-250	NF250-SGV	36 / 36	120,000
ETR. ADJUSTABLE 200 TO 400	NF400-SEW ¹	50 / 50	210,000
" " 300 TO 630	NF630-SEW ¹	50 / 50	280,000
" " 400 TO 800	NF800-SEW ¹	50 / 50	425,000
" " 600 TO 1250	NF1250-SEW ¹	85 / 85	On Request
16-20, 35-50, 45-63, 80-100, 100-125	NF125RGV	150 / 150	Price on Request
125-160, 160-200, 200-250	NF250RGV	150 / 150	Price on Request
ETR. ADJUSTABLE 200 TO 400	NF400-REW	125 / 63	Price on Request
" " 300 TO 630	NF630-REW	125 / 63	Price on Request
" " 400 TO 800	NF800-REW	125 / 63	Price on Request

Global: Compliance with the global standardGlobal

High-Performance: Long service life and high reliability, made possible by new equipment breakthroughs.

Reliable: The quest for truly superb breaker function, realizing performance at a full class higher.

Best Solution: Product design for greater easy usage, through wide variations.

Intelligent: New system configuration, on the strength of intelligent breakers.

Design & Color: Complete color change to ivory from WS V Series, Shifting to white breakers and more

stylish design is to boost attention on the international market.

World Standards: Besides obvious conforming standards of IEC, UL, CSA and JIS, third-party certification

and ship classification standards will also be obtained in each country.

Terminals: IP20 Mold-cover Finger protection - Front compression terminal • Box terminal.

Internal Accessory: Cassette - type accessories, wide range of rated volta

MITSUBISHI is the only brand offering Complete Range of JAPANESE Origin (Made in Japan) MCCBs, ACBs, MCs, VCBs, Relays etc., in Pakistan





Effective Date: 1/Jan/2024



MADE IN JAPAN

ELCBs (EARTH LEAKAGE CIRCUIT BREAKERS). Harmonic Surge Ready.

4-POLE, MULTI-VOLTAGE TYPE, WITH THERMAL & MAGNETIC / ELECTRONIC TRIPPING DEVICES.

RATINGS: (AMPERES)

MODELS No.

BREAKING CAP: (KA) IEC60947-2 AT 400VOTS RATED CURRENT SENSITIVITY (mA Selectable) UNIT PRICE (RUPEES)

(Icu / Ics)

ELCBs (EARTH LEAKAGE CIRCUIT BREAKERS) 4-POLE MULTI-VOLTAGE 230-400-440VAC TYPE.

_					
	16 & 32	NV125-SV	30 / 30	30.100.500	160,000
	40, 50, 63	NV125-SV	30 / 30	30.100.500	160,000
	80 & 100	NV125-SV	30 / 30	30.100.500	175,000
	150, 200, 225	NV250-SV	36 / 36	30.100.500	200,000
	200 & 400	NV400-SEW	50 / 50	30.100.500	Price on request

- 1) MCCBs & ELCBs Exceed World Standard again with a New Series Using ETR for High Performance.
- 2) Offers Molded Case Circuit Breakers from 0.2 Amps to 4000 Amps.
- 3) Achieved the World Highest Interrupting Capacity of IC 200 kA at 500VAC
- 4) Introduced Ics value, 100% same as Icu value for the first time in the world.

MITSUBISHI is the only brand offering Complete Range of JAPANESE Origin (Made in Japan) MCCBs, ACBs, MCs, VCBs, Relays etc., in Pakistan



Effective Date: 1/Jan/2024



MADE IN JAPAN

OPTIONAL ACCESSORIES FOR MCCBs AND ELCBs						
ACCESSORIES FOR MCCBs:	up to 250AF	up to 400AF	up to 800AF	up to 1600AF		
	(Rs.)	(Rs.)	(Rs.)	(Rs.)		
1) ALARM SWITCH (AL) 1C	9,000	9,000	12,000	15,000		
2) AUXILIARY SWITCH (AX) 1C	9,000	9,000	12,000	15,000		
3) UNDER-VOLTAGE TRIP (UVT)	24,000	28,000	30,000	45,500		
4) SHUNT TRIP (SHT)	18,000	24,000	26,000	40,000		
5) EXTENSION HANDLE	24,000	28,000	40,000	42,000		
6) MECHANICAL INTERLOCK (MI-S)	20,000	20,000	24,000	58,000		

7) OVER-CURRENT TRIP ALARM SWITCH]	
8) ELECTRICAL-OPERATION DEVICE]	
9) PRE-ALARM MODULE (PAL)]	PRINCE ON REQUEST
10) TEST BUTTON MODULE (TBM)	j	
11) INSULATION SWITCH (MG)	j	

<u>MITSUBISHI</u> presentstheWS(WorldSuper)**VSeries**,satisfyingtheHighDemandsoftheGlobalStandard.New from MITSUBISHI Electric, the company which has used its impressive controller device line-up in realizing high precision FA (Factory Automation) support, the WS Series of next generation Molded Case Circuit Breakers and Earth-LeakageCircuitBreakers.ThisseriescomplieswithIECandUL/CSA,JISstandards,achievingastellarlevel of globalization to satisfy genuine international needs. A product line-up designed with the environment in mind, together with the pursuit of easy usage and high performance to forge the way to a bright new future for breakers.



Effective Date: 1/Jan/2024



MOTOR-PROTECTION BREAKERS, 3-POLE, 500 VAC

	RATED CURRENT		
MODEL NO.	(Adjustable) RANGE A	(MMS)	UNIT PRICE (RUPEES)
MMP- T32	0.1 ~ 16		18,000
MMP- T32	0.4 ~ 63		18,000
MMP- T32	0.63 ~ 1		18,000
MMP- T32	1 ~ 1.6		18,000
MMP- T32	1.6 ~ 2.5		18,000
MMP- T32	2.5 ~ 4		18,000
MMP- T32	4 ~ 5.3		18,000
MMP- T32	5.5 ~ 8		18,000
MMP- T32	7 ~ 10		18,000
MMP- T32	9 ~ 13		18,000
MMP- T32	12 ~ 18		18,000
MMP- T32	18 ~ 25		18,000
MMP- T32	25 ~ 32A		20,000

AUX CONTACT BLOCK FOR MMS (1+1) 5,000

Global: Compliance with the global standard

High-Performance: Long service life and high reliability, made possible by new equipment breakthroughs.

Reliable: The quest for truly superb breaker function, realizing performance at a full class higher.

Best Solution : Product design for greater easy usage, through wide variations. Intelligent : New system configuration, on the strength of intelligent breakers.

Effective Date: 1/Jan/2024









MITSUBISHI Brand MCBs (MINIATURE CIRCUIT BREAKERS)						
	VAC WITH THERMAL & MA					
NO. OF POLES	RATINGS: (AMPERES)	MODELS NO.	BREAKING CAP: IEC 60898 AT 230 / 400V	UNIT PRICE (RUPEES)		
DIN RAIL MOUNTING						
TRIPPING CHARACTE	<u>ERISTIC</u>					
6 KA TYPE C						
ONE POLE (1P)	1, 2, 3, 4	BH-D6	6 KA	2,600		
	6, 10, 13, 16, 20, 25 & 32	BH-D6	6 KA	1,600		
	40, 50 & 63	BH-D6	6 KA	2,000		
TWO POLE (2P)	6, 10, 13, 16, 20, 25 & 32	BH-D6	6 KA	4,000		
	40, 50 & 63	BH-D6	6 KA	4,800		
THREE POLE (3P)	6, 10, 13, 16, 20, 25 & 32	BH-D6	6 KA	5,500		
	40, 50 & 63	BH-D6	6 KA	7,000		
10 KA TYPE C						
ONE POLE (1P)	6, 10, 13, 16, 20, 25 & 32	BH-D10	10 KA	2,700		
	40, 50 & 63	BH-D10	10 KA	3,200		
TWO POLE (2P)	6, 10, 13, 16, 20, 25 & 32	BH-D10	10 KA	6,000		
	40, 50 & 63	BH-D10	10 KA	7,000		
THREE POLE (3P)	6, 10, 13, 16, 20, 25 & 32	BH-D10	10 KA	7,500		
	40, 50 & 63	BH-D10	10 KA	8,500		

'B & D 'TYPE TRIPPING CHARACTERISTIC ARE ALSO AVAILABLE.

- 1) Applicable Standard. MITSUBISHI Type BH-D conform to IEC898
- 2) Dimension. MITSUBISHI Type BH-D are design as standard uniform size in accordance with DIN43880.
- 3) Current Limitation. MITSUBISHI Type BH-D have a high level current limitation. This circuit breaker protect the electric appliances against excessive magnetomotive and thermal stresses.
- 4) Connectable Cross-Section. BH-D type can clamp cables up to 25 mm². (both Line & Load side)
- 5) Degree of Protection. MITSUBISHI Type BH-D are suitable for IP2X for finger safe with no accessories.

Effective Date: 1/Jan/2024









MITSUBISHI Brand RCCBs (RESIDUAL CURRENT CIRCUIT BREAKERS)

2 & 4 POLE, 230/400 VAC WITH Original MITSUBISHI IC.						
NO.	RATINGS:	MODEL	SBREAKING CAP:	UNIT PRICE		
OF	(AMPERES)	NO.	IEC 60898	(RUPEES)		
POLES			AT 230 / 400V			

DIN RAIL MOUNTING TYPE.

TWO POLE	25 & 40Amps. 30 OR 300mA	BV-D	6 KA	15,000
TWO POLE	63Amps. 30 OR 300mA	BV-D	6 KA	18,000

FOUR POLE	25 & 40Amps. 30 OR 300mA	BV-D	6 KA	25,000
FOUR POLE	63Amps. 30 OR 300mA	BV-D	6 KA	30,000

- 1. Applicable Standard. MITSUBISHI Type BV-D conform to IEC60898.
- 2. Standard IEC35mm rail installation is possible.
- 3. The residual current operated circuit breakers employs an original MITSUBISHI IC to ensure reliable earth leakage protection.
- 4. High-Limit-Current performance.
- 5. Protection class: IP2X

Effective Date: 1/Jan/2024





MITSUBISHI Brand ACBs (AIR CIRCUIT BREAKERS)

MADE IN JAPAN

OPEN TYPE, 500/690 VOLTS, 3-POLE, MANUALLY OPERATED, ENERGY FIXED MOUNTING TYPE, FITTED WITH ELECTRONIC TRIP RELAY WITH OVER CURRENT TRIPPING DEVICES CONSISTING OF ADJUSTABLE LONG TIME DELAY, ADJUSTABLE SHORT TIME DELAY ADJUSTABLE INSTANTANEOUS

MODEL NO:	RATINGS: S (AMPERES)		S: BREAKING CAP (BS4752 IEC947-2		PRICE PEES)
			500V AC (Ics / Icu) 3 Pole	4 Pole
AE1000-SW	1000 AMPS	500 - 1000	65 / 65	680,000	1,100,000
AE1250-SW	1250 AMPS	625 - 1250	65 / 65	700,000	1,200,000
AE1600-SW	1600 AMPS	800 - 1600	65 / 65	750,000	1,250,000
AE2000-SWA	2000 AMPS	1000 - 2000	65 / 65	900,000	1,350,000
AE2000-SW	2000 AMPS	1000 - 2000	85 / 85	1,050,000	1,600,000
AE2500-SW	2500 AMPS	1250 - 2500	85 / 85	1,300,000	1,800,000
AE3200-SW	3200 AMPS	1600 - 3200	85 / 85	1,800,000	2,400,000
AE4000-SWA	4000 AMPS	2000 - 4000	85 / 85	2,100,000	3,500,000
AE4000-SW	4000 AMPS	2000 - 4000	130 / 130	Price	Price
AE5000-SW	5000 AMPS	2500 - 5000	130 / 130	On	On
AE6300-SW	6300 AMPS	3150 - 6300	130 / 130	Request	Request

STANDARD FEATURES FOR THE ABOVE ACBs

1) AUXILIARY SWITCHES (AX) 2) TRIP INDICATORS (TI)

3) LOAD CURRENT LED (LCI) 4) PRE-ALARM DISPLAY (PAL)

5) RUN LED, ERR, LED 6) RESET BUTTON 7) TEST TERMINAL 8) OCR ALARM (AL)

9) NEUTRAL OVERCURRENT PROTECTION

ACBs With Following ADDITIONAL FUNCTIONS Are Also Available

DISPLAY: Several measuring Data (Current Voltage Power etc;) and Alarms Can be displayed

Earth Leakage Protection (ER)

MCR / Instantaneous Switch
Temperature Alarm (TAL)

Load Current Indication LEDs (LCI)

Neutral Pole Over-current Protection
2nd Additional Pre-Alarm (AP)

FEATURES:

Higher reliability by High Operating Durability (Mechanical)

Applicablility to incrise and decrease of load and improvement of protection coordination. More improved Electrinic Trip Relay (ETR) and transmission functions. (are applicable to CC-Link, PROFIBUS-DP and MODBUS).

MITSUBISHI is the only brand offering Complete Range of JAPANESE Origin (Made in Japan) MCCBs, ACBs, MCs, VCBs, Relays etc., in Pakistan

Effective Date: 1/Jan/2024





				- 9		
MITSUBISHI Brand ACCESSORI	ES FOR	ACBs		MADE IN JAPAN		
DESCRIPTIONS:				UNIT PRICE: (RUPEES)		
OPTION ACCESSORIES (MAIN UNIT RELATED)						
CLOSING COIL (CC)				50,000		
SHUNT TRIP DEVICE (SHT)				50,000		
UNDER VOLTAGE TRIP DEVICE (UVT)				70,000		
MECHANICAL INTERLOCK (MI)				170,000		
MOTOR CHARGING DEVICE (MD)				200,000		
CYLINDER LOCK (CYL)				45,000		
COUNTER (CNT)				30,000		

PRICES ON REQUEST: (OPTIONAL ACCESSORIES)

DUST COVER (DUC)
DOOR FRAME (DF)
OCR ALARM (AL)
AUXILIARY SWITCH
PUSH BUTTON COVER (BC-L)
INTERPHASE BARRIER (BA)
CONDENSER TRIP DEVICE (COT)

OPTIONAL ACCESSORIES (DRAW-OUT UNIT RELATED)

CELL SWITCH (CL)
MIS-INSERTION PREVENTOR
DRAW-OUT INTERLOCK & PAKLOCK
DRAW-OUT TYPE ACBs WITH SAFETY SHUTTERS
SAFETY SHUTTERS & LOCK (SST)

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PRICE LIST Effective Date: 1/Jan/2024





MITSUBISHI Brand VCBs (VACUUM CIRCUIT BREAKERS)

DESCRIPTIONS:

UNIT PRICE:
(RUPEES)

15-VPR-25C 12 kV, 630 Amps, 25 kA, 50/60Hz Price on Request

SPECIFICATIONS

Rated Insulation Withstand Voltage : BIL 95kV Rated Insulation Withstand Voltage : PF 36kV

Operation Mechanism : Motor Spring Charge

Rated Closing Operation Voltage (V): DC 200/220 Rated Closing Control Voltage (V): DC 200/220

: DC 200/220 : 5a + 5b

Nominal 3-Phase MVA Class (MVA) : 520

- Trip and Close control circuit including auxiliary switches, solenoids and anti-pumping relay.
- Electric charging motor and control circuit.
- · Manual push button for trip and close
- · On / Off indicator
- Indicator for charging condition of closing spring.
- Operation counter.

ALWAYS SUPPLIED

- · Control circuit plugs for customer.
- One manual spring charging handle per 5 breakers.
- One handle for breaker withdrawing per 5 breakers.
- One adapter for breaker lifting per 5 breakers.
- One gauge for wipe checks per 5 breaker.

ALWAYS INSTALLED (Withdrawable Breakers)

- · Mechanical and electrical interlock device for withdrawing
- · Mechanical interlock device for control circuit plugs.
- Shutter control devices.
- · Breaker wheels for withdrawing.

Standards: - IEC56, JEC181, ANSI-C37, GB 1984/DL 402/403

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MITSUBISHI	Brand MA	GNETIC CO	NTACTORS	(AC Op	erated)	MADE IN JAPAN
MODEL NO.	CONTACT ARRANGEMENT	CAP. AC3 IEC 60947-4-1 KW/HP:	CTHERMAL CURRENT KW/HP:	CURRE	ATIONAL NT @440\ //HP:	
S-T 10	3P + 1A	4 / 5.5	20 A	9	Α	5,000/-
S-T 12/(S-N11)	3P + 1A1B	5.5 / 7.5	20 A	12	Α	5,500
S-T 12	3P + 1A1B	5.5 / 7.5	20 A	12	Α	5,500
S-T 20/(S-N18)	3P + 1A1B	7.5 / 10	20 A	18	Α	8,000
S-T 20/(S-N28)	3P + 1A1B	7.5 / 10	20 A	18	Α	8,000
S-T 21	3P + 2A2B	11 / 15	32 A	23	Α	10,000
S-T 25	3P + 2A2B	15 / 20	50 A	30	Α	13,000
S-T 35	3P + 2A2B	18.5 / 25	60 A	40	Α	17,500
S-T 50	3P + 2A2B	22 / 30	80 A	50	Α	21,000
S-T 65	3P + 2A2B	30 / 40	100 A	65	Α	26,000
S-T 80	3P + 2A2B	45 / 50	120A	85	Α	40,000
S-T 100	3P + 2A2B	55 / 75	150 A	105	Α	52,000
S-N 125	3P + 2A2B	60 / 80	150 A	120	Α	66,000
S-N 150	3P + 2A2B	75 /100	200 A	150	Α	80,000
S-N 180	3P + 2A2B	90 /125	260 A	180	Α	120,000
S-N 220	3P + 2A2B	132 / 180	260 A	250	Α	180,000
S-N 300	3P + 2A2B	160 / 210	350 A	300	Α	270,000
S-N 400	3P + 2A2B	220 / 300	450 A	400	Α	320,000
S-N 600	3P + 2A2B	330 / 450	800 A	630	Α	600,000
S-N 800	3P + 2A2B	440 / 600	1000 A	800	A	800,000

MITSUBISHI MAGNETIC CONTACTORS (Features)

- DC Electromagnet w/AC Operation (Pat.) Medium and Large-Sized Model:S-T65 ~ S-N800.
- The Contactors can be inspected easily by removing the arc cover.
- · Humming Completely Eliminated: DC excitation dose not cause humming.
- By adopting the new extinguishing mechanism, the arc space has been reduced to approx. one-third.
- Contact reliability has been greatly improved by the bifurcated auxiliary moving contact.
- ELECTRICAL DURIBILITY (AC-3): S-T10 to S-T65 = 2,000,000 Times
- ELECTRICAL DURIBILITY (AC-3): S-T80 to S-T100 = 1,000,000 Times

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MITSUBISHI Bran	SORIES	MADE IN JAPAN		
MODEL NO.	PART NO.	CONTACT ARRANGEMENTS:		UNIT PRICE: (RUPEES)
AUXILIARY CONTACTO	<u>DR</u> S:			
SR-T5		3A + 2B		7,000
SR-T9		5A + 4B		12,000
SRD-T5 DC 24V AUXILIARY CONTACTS	S (Front Clip-on)	3A + 2B		14,000
SR-T5, S-T10 to S-T50	UT-AX2	1A + 1B		3,200
SR-T5, S-T10 to S-T50	UT-AX4	2A + 2B		5,000
S-T10 - S-T50 (Side Clip	o-on) UT-AX11	1A + 1B		4,000
AUXILIARY CONTACTO	ORS (HEAVY DUT	Y):		
SR-T5JH		3A + 2B		12,000
SR-T9JH		5A + 4B		17,000

OPTIONAL ACCESSORIES FOR CONTACTORS. (PRICES ON REQUEST)

- SURGE ABSORBERS MECHANICAL INTERLOCKS
- DC INTERFACE MODULES PNEUMATIC TIME DELAY MODULES
- SAFETY COVERS

MITSUBISHI MAGNETIC CONTACTORS (Features)

DESIGNED WITH EASE OF USE IN MIND.

- S-T10 ~ S-T80 Units can all be mounted on DIN rail (35mm wide).
- · A variety of blocks and optional features are available including:

Standard front clip-on auxiliary contact blocks (four & two pole type).

Low-level signal front clip-on auxiliary contact blocks.

Side clip-on auxiliary contact blocks.

Surge absorbers (Varistor and CR models)

Mechanical Interlocks.

- Compact arc quenching and magnet layout greatly reduces installation space.
- The Coil Rating is displayed in a location readily visible even after the unit is installed onto the panel.
- Contacts are visible when the cover is removed, allowing them to be checked easily.

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Effective Date: 1/Jan/2024





MITSUBISHI		Brand COMPACT 3-Pole MAGNETIC CONTACTORS					DE IN JAPAN
SIZE:	MODEL NO.		CT CAP. AC3 GE-IEC 60947 G 4-1 KW/HP:		OPERATIONAL (@440V	CURRENT	UNIT PRICE (RUPEES)
	S-T 32	3P	15/20	32 A	32	Α	24,000
	S-N 38	3P	15 / 20	60 A	32	Α	26,000
	S-N 48	3P	18.5 / 25	80 A	40	Α	29,000
	ACCESS	ORIES:.					
	CONTACT K	(ITS		S-N38			16,000
	CONTACT K	(ITS		S-N48			18,000
	MECHANIC	AL INTERL	ОСК	UT-ML11	S-T10 - S-T20		10,000
				UT-ML20	SD-T12 - SD-T20		12,000
				UN-ML21	S-T21 - S-T80		11,000
				UN-ML80	S-T100 - S-T125		20,000
	AUX BLOCK (Front Clip-on)		UN-AX4 (2A+2B)			4,200	
	AUX BLOCK (Front Clip-on)		UT-AX2 (1A+1B)			3,600	
	AUX BLOCK (Front Clip-on)			UT-AX4 (2A+2B)			4,200
	AUX BLOCK	(Side Clip	-on)	UT-AX11 (1A+1B)			3,800

MITSUBISHI MAGNETIC CONTACTORS (Features)

- DC Electromagnet w/AC Operation (Pat.) Medium and Large-Sized Model:S-T65 ~ S-N800.
- The Contactors can be inspected easily by removing the arc cover.
- Humming Completely Eliminated: DC excitation dose not cause humming.
- By adopting the new extinguishing mechanism, the arc space has been reduced to approx. one-third (1/3).
- Contact reliability has been greatly improved by the bifurcated auxiliary moving contact.

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MITSUBISHI	Brand MAG	NETIC CON	TACTORS (DC Operated)	MADE IN JAPAN
MODEL		CAP. AC3 IE0	THERMAL	OPERATIONAL	UNIT PRICE
NO.	ARRANGEMENT	60947-4-1	CURRENT	CURRENT @440V	(RUPEES)
		KW/HP:			
SD-T 12	3P + 1A1B	5.5 / 7.5	20 A	12 A	6,500 Net Each
SD-T 20	3P + 1A1B	7.5 / 10	32 A	22 A	8,500 Net Each
SD-T 21	3P + 2A2B	11 / 15	32 A	22 A	11,000 Net Each
SD-T 25	3P + 2A2B	15 / 20	50 A	30 A	12,000 Net Each
SD-T 35	3P + 2A2B	18.5 / 25	60 A	40 A	15,000 Net Each
SD-T 50	3P + 2A2B	22 / 30	80 A	50 A	22,000 Net Each
SD-T 65	3P + 2A2B	30 / 40	100 A	65 A	30,000 Net Each
SD-T 80	3P + 2A2B	37 / 50	120A	80 A	40,000 Net Each
SD-T 100	3P + 2A2B	55 / 75	150 A	105 A	52,000 Net Each
SD-N 125 To SD-N	1 800				

- The operation coil is dedicated for DC
- Electromagnet buzzing does not occur
- The operation coil can be used with a separate power supply for DC operation.
- The coil doesn't use saving resistance so there is no inrush current.

DC Interface Contactors.

Compact high-performance DC operated type contactors that are capable of being directly driven by the transistor output (DC24 V 0.1A) of PLCs etc.

NON-REVERSIBLE type: DC iinterface contactors compatible with up to 3 Phase 220V 2.5kW motor. REVERSIBLE TYPE: Reversible integrated DC interface contactors suitable for the forward/reverse operation of three phase motors.

MODEL NO.	TYPE:	AUX. Contact		Motor Squirrel cage motor AC - 3 AC 380/440V (AMPS)	UNIT PRICE (RUPEES)
SD-Q11 SD-Q12	Non-Reversible		4 4	9 9	6,500 Net Each 7,500 Net Each
SD-QR11 SD-QR12 SD-QR19	Reversible Reversible Reversible	2 Pole 4 Pole	4 4 7.5	9 9 20	20,000 Net Each 22,000 Net Each 28,000 Net Each

Solid State Contactors: (For Motor / Heater Loads)

Realizes a Long Product Liftime When Used for High-frequency Switching Applications.

Applicable for a Wide Range of Main Circuit Voltahes (US-N, US-H series)

Compatible with a Large Number of International Standards.

No Noise and Clean Running.

Live Part Protection Covers for Improved Safety.

Indicator Lamps for Confirmation of Operation Standardized.

A Wide Selection of Optional Units.

(Prices on Request)





		LS & MAIN CONTACT KIT TORS (COIL VOLTAGE 24,		220 & 41	5 VAC)	MADE IN JAPAN
MODEL NO).	UNIT PRICE			UNI	T PRICE (Rs.)
		(Rs.)				, ,
		COILS:			MAIN (CONTACT KITS:
SR-T5, S-T10	, S-T12	1,500				2,400
S-T20		 2,000				4,800
S-T21		 2,000				4,800
S-T25		 2,000				6,000
S-T35		 2,350				9,000
S-T50		 2,600				9,500
S-T65		 10,000				15,000
S-T80		 10,000				20,000
S-T100		 14,000				25,000
S-N 125		 18,000				33,000
S-N 150		 18,000				38,000
S-N 180		 22,000				55,000
S-N 220		 22,000				100,000
S-N 300		 30,000				140,000
S-N 400		 30,000				170,000
S-N 600			[PRICE C	N REQU	JEST
S-N 800			[PRICE C	N REQU	JEST

SPARES FOR THERMAL O/L RELAYS.

- KIT Consists of 3 CONNECTING BARS & MOUNTING PLATE .. Price on Request
- Models with finger protectors that conform to DIN VDE 0106 are also available

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MITSUBISHI	Brand THERMAL OVER LOA	AD RELAYS.			MADE IN JAPAN		
* SINGLE PHAS * 3 - Element, 1							
MODEL NO.							
TH-T25	0.20 ~ 0.32	0.4 ~ 0.6	0.55 ~ 0.85		10,000		
	1 ~ 1.6	1.7 ~ 2.5	2~3		10,000		
	2.8 ~ 4.4	4 ~ 6	5.2 ~ 8		10,000		
	7 ~ 11	9 ~ 13	12 ~ 18		10,000		
	16 ~ 22	18 ~ 26			10,000		
TH-T50KP	24 - 34	30 - 40	34 - 50		11,500		
TH-T65KP	24- 34	34 - 50	43-65		12,500		
TH-T100KP	54 - 80	65 - 100	85 - 105		15,000		
TH-T120KP	85 - 125	100 - 150			25,000		
	140 - 220	170 - 250			40,000		
TH-N400RHKP	200 - 300	260 - 400			55,000		
TH-600KP	400 - 600	520 - 800			80,000		

THERMAL OVER LOAD RELAYS. PIN TYPE WITH:

^{* 3 -} Element, 1NO+1NC Contacts, Manual & Automatic Reset Facility.

TH-T18	0.2 - 0.32	0.4 - 0.6	0.55 - 0.85	 6,000
	0.7 - 1.1	1 - 1.6	1.7 - 2.5	
	2 - 3	2.8 - 4.4	4 - 6	
	5.2 - 8	9 - 13	12 ~ 18	

FEATURES OF MITSUBISHI THERMAL OVERLOAD RELAYS.

* A Selection of Relays for Optimum Motor Protection Characteristics

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^{*} SINGLE PHASE PREVENTING DEVICE FOR PHASE FAILURE PROTECTION.







MADE IN JAPAN

MITSUBISHI Brand DOL (DIRECT - ON - LINE) MOTOR STARTERS. WITH PHASE FAILURE PROTECTION.

MODEL NO.	RATED MOTOR CAP. 3-PHASE, 380/440 VAC	SETTING RANGE (AMPERES)	UNIT PRICE (Rupees)
MS-T10	1 HP	1.4 ~ 2	18,000
MS-T10	2 HP	2.8 ~ 4.4	18,000
MS-T10	3 HP	4 ~ 6	18,000
MS-T10	5 HP	5.2 ~ 8	18,000
MS-T11	7.5 HP	9 ~ 13	20,000
MS-T18	10 HP	12 ~ 18	20,000
MS-T20	15 HP	16 ~ 22	20,000
MS-T25	20 HP	24 ~ 34	40,000
MS-T35	25 HP	30 ~ 40	40,000
MS-T50	30 HP	34 ~ 50	35,000
MS-T65	40 HP	43 ~ 65	On Request
MS-T80	50 HP	54 ~ 80	On Request
MS-T80	60 HP	65 ~ 100	On Request
MS-T100	75 ~ 80 HP	100 ~ 150	On Request

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MITSUBISHI	Brand SOLID	STATE TIMERS		MADE IN JAPAN
MODEL NO.		IE RANGE.		UNIT PRICE
MODEL NO.	(AD	JUSTABEL)		(Rupees)
SOLID STAT	E ON-DELAY	STAR DELTA TIMER		
SRS-HT-NPC	AC200-240V	0.3 Sec - 30 Min.		20,000
SRS-HT-NPC	AC380-440V	0.3 Sec - 30 Min.		22,000
DIN Rail Mour	nting Type:			
Features:				
. High Accura	асу			
. Ultra wide d	lelaying time sel	ection		
. Wide select	ion			
. Clear Indications				
. Easy adjustable delaying time				
. Easy wiring	& mounting			

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MADE IN JAPAN

MITSUBISHI Brand ELECTRONIC MOTOR PROTECTION RELAYS

FRAME SIZE	APPLICABLE MOTOR	SETTING RANGE	UNIT PRICE
	CAPACITY 380/440 VAC		RUPEES

ET - N60	0.05 ~ 0.4 kW	0.25 ~ 1 A	55,000	
ET - N60	0.4 ~ 1.5 kW	1 ~ 4 A	55,000	
ET - N60	0.75 ~ 2.2 kW	2 ~ 8 A	55,000	
ET - N60	2.2 ~ 7.5 kW	5 ~ 20 A	60,000	
ET - N60	7.5 ~ 22 kW	15 ~ 60 A	60,000	
ET - N150	22 ~ 75 kW	40 ~ 150 A	105,000	
ET - N360	55 ~ 150 kW	110 ~ 360 A	140,000	

Electronic motor protection relays that can protect against Overloads (including restriction) and Open-phase (including unbalanced currents) during AC motor start-up or running, as well as detect reverse-phase states.

Features:

- Selectable Protection Mode

OVERLOAD (Including locked rotor condition) PHASE FAILURE (Including Current unbalance) INCORRECT PHASE SEQUENCE.

- Excellent wide current range
- Easy Wiring
- Easy Setting & Maintenance
- Selectable tripping time at 600% of setting

Standard trip (7 sec.)

Quick trip (3 sec.)

Fast trip (5 sec.)

Medium Trip (15 sec.)

Slow Trip (30 sec.)

- Withstands High Over-Current
- Fine Indication of trip mode
- Conformity to International Standerds
- Can be mounted on 35mm rail (ET-N60)

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Effective Date: 1/Jan/2024





VARIABLE FREQUENCY DRIVE (INVERTERS) GENERAL PURPOSE

MADE IN JAPAN

Sr#	MODEL	DISCRIPTION	UNIT PRICE
			(Rupees)

FR-D700 Series - ECONO DRIVE

INPUT: Three phase 380V~480V AC 50/60HZ

OUTPUT: Three Phase 380~480V AC

1	FR-D 740-0.4K	0.4KW / 0.75Hp - 1.2KVA - 1.2Amp	On Request
2	FR-D 740-0.75K	0.7KW / 1Hp - 2.0KVA - 2.2Amp	On Request
3	FR-D 740-1.5K	1.5KW / 2Hp- 3.0KVA - 3.6Amp	On Request
4	FR-D 740-2.2K	2.2KW / 3Hp - 4.6KVA - 5.0Amp	On Request
5	FR-D 740-3.7K	3.7KW / 5Hp - 7.2KVA - 8.0Amp	On Request
6	FR-D 740-5.5K	5.5KW / 7.5Hp - 9.1KVA - 12.0Amp	On Request
7	FR-D 740-7.5K	7.5KW / 10Hp - 13.0KVA - 16.0Amp	On Request
l .			

FR-A 700 Series - SENSORLESS VECTOR CONTROL DRIVE

INPUT: Three phase 380V~480V AC 50/60HZ

OUTPUT: Three Phase 380~480V AC

	8	FR-A 740-11K	11KW / 15Hp - 17.5KVA - 23Amp	On Request
	9	FR-A 740-15K	15KW / 20Hp - 23.6KVA - 31Amp	On Request
	10	FR-A 740-18.5K	18.5KW / 25Hp - 29KVA - 38Amp	On Request
	11	FR-A 740-22K	22KW / 30Hp - 32.8KVA - 44Amp	On Request
	12	FR-A 740-30K	30KW / 37Hp - 43.4KVA - 57Amp	On Request
	13	FR-A 740-37K	37KW / 45Hp - 54KVA - 71Amp	On Request
	14	FR-A 740-45K	45KW / 60Hp - 65KVA - 86Amp	On Request
	15	FR-A 740-55K	55KW / 75Hp - 84KVA - 110Amp	On Request
	16	FR-A 740-75K	75KW / 100Hp - 110KVA - 144Amp	On Request
	17	FR-A 740-90K	90KW / 125Hp - 137KVA - 180Amp	On Request
	18	FR-A 740-110K	110KW / 132Hp - 165KVA - 216Amp	On Request
-				

Variable Frequency Drives Available up to 500KW on Request as well

Effective Date: 1/Jan/2024





VARIABLE FREQUENCY DRIVE (INVERTERS)

Sr#	MODEL	DISCRIPTION	UNIT PRICE
			(Rupees)

FR-D700 Series - MULTI PHASE

INPUT: Single Phase (R,S, -) Or Three phase (R,S,T) 200V~240V AC OUTPUT Three Phase 200~240V AC

1	FR-D 720-0.4K	0.4KW / 0.75Hp - 1.0KVA - 2.5Amp	On Request
2	FR-D 720-0.75K	0.7KW / 1Hp - 1.6KVA - 4.2Amp	On Request
3	FR-D 720-1.5K	1.5KW / 2Hp- 2.8KVA - 7.0Amp	On Request
4	FR-D 720-2.2K	2.2KW / 3Hp - 3.8KVA - 10.0Amp	On Request
5	FR-D 720-3.7K	3.7KW / 5Hp - 6.6KVA - 16.5Amp	On Request
6	FR-D 720-5.5K	5.5KW / 7.5Hp - 9.2KVA - 24.0Amp	On Request
7	FR-D 720-7.5K	7.5KW / 10Hp - 12.6KVA - 33.0Amp	On Request

FR-D700 Series - SINGLE PAHSE

INPUT: Single Phase 200V~240V AC (R,S)

OUTPUT Three Phase 200~240V AC

8	FR-D 720S-0.4K 0.4KW / 0.75Hp - 1.0KVA - 2.5Amp	On Request
9	FR-D 720S-0.75K 0.7KW / 1Hp - 1.6KVA - 4.2Amp	On Request
10	FR-D 720S-1.5K 1.5KW / 2Hp- 2.8KVA - 7.0Amp	On Request
11	FR-D 720S-2.2K 2.2KW / 3Hp - 3.8KVA - 10.0Amp	On Request

FR-F700 Series - FAN & PUMP APPLICATION

ENERGY SAVING MODEL

INPUT: Three phase 380V~480V AC 50/60HZ

OUTPUT Three Phase 380~480V AC

12	FR-F 740-3.7K	3.7KW / 5Hp - 5.8KVA - 7.6Amp	On Request
13	FR-F 740-5.5K	5.5KW / 7.5Hp - 8.8KVA - 11.5Amp	On Request
14	FR-F 740-7.5K	7.5KW / 10Hp - 12.2KVA - 16.0Amp	On Request
15	FR-F 740-11K	11KW / 15Hp - 17.5KVA - 23.0Amp	On Request
16	FR-F 740-15K	15KW / 20Hp - 22.1KVA - 29.0Amp	On Request
17	FR-F 740-18.5K	18.5KW / 25Hp - 26.7KVA - 35Amp	On Request
18	FR-F 740-22K	22KW / 30Hp - 32.8KVA - 43Amp	On Request
19	FR-F 740-30K	30KW / 37Hp - 43.4KVA - 57Amp	On Request
20	FR-F 740-37K	37KW / 45Hp - 53.3KVA - 70Amp	On Request

Variable Frequency Drives Available up to 560KW on Request as well





Brand SUPER LINE Series

Made In JAPAN

INDUCTION MOTORS

Totally Enclosed Fan Cooled Squirrel Cage Induction Motors per IEC 34-1 & JIS C4004, 3-Phase, 380-415V, 50Hz, Construction: Foot Mounted Ampient Temperature: -20-40C, Degree of Protection: IP 55, Insulation Class: "F"

	itput	Frame	Type	Unit Price
l KW	HP	No.	Турс	(Rupees)
2-Pole (28				\ 1 /
0.75	1	80 M	SF-JR	ON REQUEST
1	•			
1.5	2 3	90 L	SF-JR	ON REQUEST
2.2	3	90 L	SF-JR	ON REQUEST
3.7	5	112 M	SF-JR	ON REQUEST
5.5	7.5	132 S	SF-JR	ON REQUEST
7.5	10	132 S	SF-JR	ON REQUEST
11	15	160 M	SF-J	ON REQUEST
15	20	160 M	SF-J	ON REQUEST
18.5	25	160 L	SF-J	ON REQUEST
1				
22	30	180 M	SF-J	ON REQUEST
30	40	180 L	SF-J	ON REQUEST
37	50	200 L	SF-J	ON REQUEST
45	60	200 L	SF-J	ON REQUEST
55	75	225 S	SF-J	ON REQUEST
4-Pole (14		-	-	
0.75	1	80 M	SF-JR	ON REQUEST
1.5		90 L	SF-JR	ON REQUEST
2.2	2 3	90 L	SF-JR	ON REQUEST
3.7	5	112 M	SF-JR	ON REQUEST
5.5	7.5	132 S	SF-JR	ON REQUEST
7.5	10	132 S	SF-JR SF-JR	
				ON REQUEST
11	15	160 M	SF-J	ON REQUEST
15	20	160 M	SF-J	ON REQUEST
18.5	25	160 L	SF-J	ON REQUEST
22	30	180 M	SF-J	ON REQUEST
30	40	180 L	SF-J	ON REQUEST
37	50	200 L	SF-J	ON REQUEST
45	60	200 L	SF-J	ON REQUEST
55	75	225 S	SF-J	ON REQUEST
75	100	250 S	SF-J	ON REQUEST
90	125	250 M	SF-J	On REQUEST
6-Pole (90				
0.75	1	90 M	SF-JR	ON REQUEST
1.5	2	100 L	SF-JR	ON REQUEST
2.2	3	112 M	SF-JR	ON REQUEST
3.7	3 5	132 S	SF-JR	ON REQUEST
5.5	7.5	132 S	SF-JR	ON REQUEST
7.5	10	160 M	SF-JR	ON REQUEST
1				
11	15	160 M	SF-J	ON REQUEST
15	20	160 L	SF-J	ON REQUEST
18.5	25	180 M	SF-J	ON REQUEST
22	30	180 L	SF-J	ON REQUEST
30	40	200 L	SF-J	ON REQUEST
37	50	200 L	SF-J	ON REQUEST
45	60	225 S	SF-J	ON REQUEST
	. =		nout notice and doo	

Effective Date: 1/Jan/2024

SHIMADEN



Made In JAPAN

MPU-Based AUTO-Tuning PID DIGITAL CONTROLLERS

SERIES:DESCRIPTIONS UNIT/PRICE: (Rs.)

SRS 3 DIGITAL MPU-Based AUTO-TUNING PID CONTROLLERS.

40,000/-

- Size : 96 x 96mm, 100~240V AC (50 / 60 Hz)
- Multi-Input and Multi-Range performance
- Large 21.8mm bright display
- Dust and Splash proof front panel NEMA4X / IP44
- Double Digital Display for Setting & Indication.
- 2-EVENT OUTPUT as Standard Feature
- Programme Function: 1 PATTERN 10 STEPS (Optional)

MEASURING RANGE CODES

Type of input		Code	Scaling Range	
	B *1	01	0 ~1800 C	0 ~3300 F
	R	02	0 ~ 1700 C	0 ~3100 F
	S	03	0 ~ 1700 C	0 ~3100 F
l o	*3	04	-199.9 ~ 400.0 C	-300 ~ 750 F
효	K	05	0.0 ~ 800.0 C	0 ~ 1500 F
	IX.	06	0 ~ 1200 C	0 ~ 2200 F
Thermocouple	E *3	07	0 ~700 C	0 ~ 1300 F
ΙĔ	J	08	0 ~600 C	0 ~ 1100 F
ē	T *3	09	-199.9 ~ 200.0 C	-300 ~ 400 F
ഥ	N	10	0 ~ 1300 C	0 ~2300 F
-	PLII *4	11	0 ~ 1300 C	0 ~2300 F
	WRe5-26*5	12	0 ~ 2300 C	0 ~4200 F
	U *2, *3	13	-199.9 ~ 200.0 C	-300 ~ 400 F
	L *2	14	0 ~600 C	0 ~ 1100 F

<u>SRS 1</u>	<u>DIGITAL MPU-Based AUTO-TUNING PID CONTROLLERS.</u> • Size : W48 x H48 mm		45,000
	Selectable Ranges : (Multi-Input)	Same As SRS 3	
SRS 4	DIGITAL MPU-Based AUTO-TUNING PID • Size : W48 x H96 mm	CONTROLLERS.	45,000
<u>SRS 5</u>	Selectable Ranges : (Multi-Input) DIGITAL MPU-Based AUTO-TUNING PID • Size : W96 x H48 mm	Same As SRS 3 CONTROLLERS.	45,000
	Selectable Ranges : (Multi-Input)	Same As SRS 3	

SHIMADEN



DIGITAL TEMPERATURE / PID CONTROLLERS, MADE IN JAPAN				
SERIES:	DESCRIPTIONS	UNIT PRICE: (Rs.)		
<u>SR 93</u>	DIGITAL MPU-Based AUTO-TUNING PID CONTROLL 100~240V AC (50 / 60 Hz) Multi-Input and Multi-Range performance 2-Control Output, heating and cooling control available (Opti Dust and Splash proof front panel IP66, Double Digital Displi Selectable Ranges: (Multi-Input)	ional)		
Multi-Input:	-300 ~ 2200°F			
SR 94	DIGITAL MPU-Based AUTO-TUNING PID CONTROLL Specifications same as SRS13A except, Size: 96 x 48mm Specifications same as SRS13A except, Size: 96 x 48mm	ERS. Price On Request		
FP 93	DIGITAL PROGRAM CONTROLLER Size: 96 x 96mm, Full Multi-Input and Multi-Range performance 40-Step Programs function. Status Output, Analog Output & Communication Function	Price On Request		
MR 13	DIGITAL PROGRAM CONTROLLER 100~240V AC (50 / 60 Hz) § 3-Channel Controller, 3-Channel Input, 3-Channel Setting	Price On Request		

Note: This Price List is subject to change without notice and goods being in stock. The prices are for reference only. All dispatched are made on buyers' risk.

Programmable 1 pattern with 9 – Step function
 Include a New Processing System, Expert PID, remarkably Improved PID Control

and Simultaneous 3-Channel Display are possible

§ Follow-up type PV Input function§ Follow-up type SV Input function§ Remote / Local and DI Input function

Effective Date: 1/Jan/2024

SHIMADEN



Made In JAPAN

LINE SPEED METER (DIGITAL)				
SERIES:	DESCRIPTIONS	UNIT/PRICE (RUPEES)		
<u>SD 17A</u>	LINE SPEED METER Indication by Large 20mm bright display Size: 48(H) x 96(W), 100~240 VAC, ±10%, 50/60 Hz Multi-Inputs and Multi-Ranges	50,000		
<u>SD 17A</u>	LINE SPEED METER Same as above, with Analog Output 4~20mA	50,000		

SHIMADEN Lite Software

SHIMADEN Lite Software is "FREE" with SHIMADEN controllers and enables the user full function of the controllers from the PC and has a recording feature and alarm notification. With the wizard set-up feature the program automatically locates the controllers and configures the software ready for use, no programming is required. All you need is any SHIMADEN controller with communications option fitted. It's the best and cheapest way to get your process on line as a convenient mini SCADA system.

CONTROLLERS SUPPORTED: FP21, SR25, SR253, SR50, MR13, SD16, SD20, FP93 & SR90

Effective Date: 1/Jan/2024





Made In JAPAN

45,000

DIGITAL TEMPERATURE / PROCESS INDICATORS

SERIES: DESCRIPTIONS UNIT PRICE (RUPEES)

SD 17A DIGITAL TEMPERATURE INDICATORS.

Indication by Large 20mm bright display

Size: 48(H) x 96(W), 100~240 VAC, ±10%, 50/60 Hz

Multi-Inputs and Multi-Ranges

User Selectable:

Thermocouple : B, R, S, K, E, J, T, N, (U, L, DIN 43710)

R.T.D. : Pt100 Ohms

Voltage : 0~10mV DC, 0~5V DC, 0~10V DC, 1~5V DC

Inverse Scaling Possible: With voltage and current input signals, normal and inverse scaling

is possible.

Panel: Dust and Splash Proof front panel

Optional features: Alarms, Analog output signals & Communication interface available.

SD 17A DIGITAL INDICATORS. 45,000

Same as above, with Analog Output 4~20mA

SD 17A DIGITAL INDICATORS. 45,000

Same as above, with Analog Output 4~20mA

And Alarm Output.

KR 17 SIX-POINT SELECTOR PUSH BUTTON 42,000

Switching Points: SIX (6) Points

Size: 48(H) x 96(W)

No. of Switching Circuits: TWO (2) Circuits

Switching Operation Method: Push button switching

SHIMADEN Lite Software

SHIMADEN Lite Software is "FREE" with SHIMADEN controllers and enables the user full function of the controllers from the PC and has a recording feature and alarm notification. With the wizard set-up feature the program automatically locates the controllers and configures the software ready for use, no programming is required. All you need is any SHIMADEN controller with communications option fitted. It's the best and cheapest way to get your process on line as a convenient mini SCADA system.

CONTROLLERS SUPPORTED: FP21, SR25, SR253, SR50, MR13, SD16, SD20, FP93 & SR90

Effective Date: 1/Jan/2024

SHIMADEN



HYBRID RECORDERS	Made In JAPAN
=	***************************************

SERIES: D	UNIT PRICE (RUPEES)	
<u>SD 106A</u>	HYBRID RECORDERS. Size: 144 x 144mm, 200~240 VAC, 50/60 Hz. § Compact Housing § High-Quality Ink Jet Clear Recording § Fully Configurable Input § Varied Digital Printing § Menu Driven Easy Operation § Chart Paper Illumination (Optional) § Communication Interface RS-485 (Optional) The Slimmest and Lightest Recorder in the World	Price On Request
	RECORDING SYSTEM:	D: 0 D
	1 CONTINUOUS RECORDING	Price On Request
	6 DOT RECORDING	Price On Request
	2 CONTINUOUS RECORDING	Price On Request
	3 CONTINUOUS RECORDING	Price On Request
	6 CONTINUOUS RECORDING	Price On Request
SD 186A	HYBRID RECORDER DIN 288 x 288 mm. CONTINUOUS RECORDING. 1, 2, 3, 6 & DOT RECORDING 6 & 12.	PRICE ON REQUEST
	For detailed specifications: - PLEASE CONTACT US.	

Effective Date: 1/Jan/2024

SHIMADEN



SHIMADEN / TOYO BRAND THERMOCOUPLES / SENSORS	Made In JAPAN
SERIAL DESCRIPTIONS No.	UNIT PRICE (RUPEES)
I. <u>CA (K) THERMOCOUPLE</u> S.	
1. Total Length 3,000mm T/c; Wire.	
STUD	2,000
CARTRIDGE 100mm (4")	2,200
FLANGE 150mm (6") Suitable upto 1000 C	2,200
2. THICK Type Sensor with Thermocouple Head.	
SENSOR 250mm (10")	7,500
SENSOR 500mm (20")	9,500
SENSOR 1,000mm (39")	15,000
3. THIN Type Sensor Dia 5mm with PLASTIC HEAD.	
SENSOR 150mm (6")	2,000
SENSOR 250mm (10")	2,400
SENSOR 350mm (14")	3,000
4. THERMOCOUPLE EXTENSION WIRE BLUE, CA (K)	275/-PER MTR
THERMOCOUPLE EXTENSION WIRE STAINLESS STEE	325/-PER MTR
II. R.T.D. Pt100 ohms.	22,500
THIN Type Sensors with PLASTIC HEAD.	,
SENSOR 5 x 150mm (6")	5,500
SENSOR 5 x 250mm (10")	5,500
SENSOR 5 x 350mm (14")	7,500
III. PR (R) Thermocouples HEAD Type (1600 C)	
SENSOR Length 500mm (20")	75,000
With Ceramic Protection Tube.	
Extension wire for the above	400/- PER MTR
IV. TH 71 HUMIDITY / TEMPERATURE SENSORS	42,000
1. HUMIDITY OUTPUT 0 ~ 10mV DC/0~100% RH	
2. TEMP OUTPUT Pt100/JIS (three lead wire)	
(,	





Iskra Cylindrical L.V. POWER FACTOR CAPACITORS. (Dry Type)

(MADE IN Slovania)

MODEL NO.	DESCRIPTION			UNIT PRICE (Rs.)
KNK 1053	5 KVR	3-PHASE 415VAC 50 Hz	•••	20,000
KNK 1053	7.5 KVR	3-PHASE 415VAC 50 Hz		25,000
KNK 1053	12.5 KVR	3-PHASE 415VAC 50 Hz		38,000
KNK 1053	25 KVR	3-PHASE 415VAC 50 Hz		56,000
KNK 1053	50 KVR	3-PHASE 415VAC 50 Hz		90,000

Standards :IEC / EN 60831 - 1 / 2

Rated Voltage :AC 400 - 690 V

Rated Frequency:50 / 60 Hz

Life Expectancy :> 120,000 h Category C

Cooling: Forced Ventilation or Natural air cooled

Safety Device: Over Pressure Disconnector (All Phases)

Dry Technology , PCB free , High Purity Gas





Iskra Cylindrical L.V. POWER FACTOR CAPACITORS. (Dry Type)

(MADE IN Slovania)

MODEL NO.	DESCRIPTION		UNIT PRICE (Rs.)
KNK 3053	12.5 KVR	3-PHASE 440VAC 50 Hz	 40,000
KNK 3053	25 KVR	3-PHASE 440VAC 50 Hz	 58,000
KNK 3053	50 KVR	3-PHASE 440VAC 50 Hz	 95,000

FEATURES:

- 01- (IEC60831-1 + 2EN60831-1 VDE0506-46 + 47)
- 03- Discharge resistors pre-mounted on terminal
- 04- Self heating, Natural Colling
- 05- Over pressure disconnector all pole .
- 06- Dry Technology, PCB free, High Purity Gas
- 08- Ambient Temp . 50C .
- 09- Degree of Protection IP20

More than $2,000M\Omega$.





Iskra Automatic Power Factor Regulators

(MADE IN	Slovania)
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MODEL NO.	DESCRIPTION	UNIT PRICE (Rs.)
PFC max 6	6-STEP DIGITAL POWER FACTOR REGULATOR	80,000
	Size: 144 x 144 x 91 mm	
	380~415VAC	
PFC max 12	12-STEP POWER FACTOR REGULATOR	85,000
	Size: 144 x 144 x 91 mm	
	380~415VAC	

1. FEATURES:

- Measuring Parameters (RMS Values) Display.
- U ph-n, U ph-ph, Cos Ø, f network, I main,

P over, Q overall requirements.

2. Monitoring FUNCTIONs

- · No Voltage trigger.
- Execs Current Swtich off. (Fixed).
- Harmonics Monitoring with Alarm.
- Target Cos Ø Monitoring : Alarm if unreachable.
- Switching operation monitoring with display per stage.

Effective Date: 1/Jan/2024









ISKRA BRAND MCBs (IEC/EN 60898)

(MADE IN Slovania)

NO. OF POLES :	AMPERE RATINGS :	MODEL :	BREAKING CAPACITY	UNIT PRICE : (RUPEES)
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DIN RAIL MOUNTING TYPE.

TRIPPING CHARACTERISTIC TYPE 'C'

ONE POLE	1, 2, 3, 4	RI 51	6 kA	2,600
ONE POLE	6, 10, 13, 16, 20, 25 & 32	RI 51	6 kA	1,300
ONE POLE	40, 50 & 63	RI 51	6 kA	2,100
TWO POLE	6, 10, 13, 16, 20, 25 & 32	RI 52	6 kA	4,000
TWO POLE	40, 50 & 63	RI 52	6 kA	4,800
THREE POLE	6, 10, 13, 16, 20, 25 & 32	RI 53	6 kA	5,500
THREE POLE	40, 50 & 63	RI 53	6 kA	7,000

DIN RAIL MOUNTING TYPE.

TRIPPING CHARACTERISTIC TYPE 'C'

ONE POLE	1, 2, 3, 4	RI 61	10 kA	5,500
ONE POLE	6, 10, 13, 16, 20, 25 & 32	RI 61	10 kA	2,200
ONE POLE	40, 50 & 63	RI 61	10 kA	2,300
TWO POLE	6, 10, 13, 16, 20, 25 & 32	RI 62	10 kA	5,500
TWO POLE	40, 50 & 63	RI 62	10 kA	7,000
THREE POLE	6, 10, 13, 16, 20, 25 & 32	RI 63	10 kA	7,500
THREE POLE	40, 50 & 63	RI 63	10 kA	8,000

ACCESSORIES:

AUXILLARY BLOCK	 	4,500
ALARM Switch	 	5,000
SHUNT TRIP	 	10,000
UVT	 	11,000

- RI 50 is used for the protection of installations and devices (Over load and Short Circuit) and as disconnector in case of electric shock.
- Simple and quick fixing to a 35mm mounting rail in accordance with EN 60715.
- Watt loss per pole for RI50 far lower than that specified in ICE/EN 60898.

Standards : IEC/EN 60898 Approvals : KEMA GOST - R





RESIDUAL CURRENT CIRCUIT BREAKER (RCCBs)

(MADE IN Slovania)

	,	•	
Ampere Rating	Model	Sensitivity Rating (A)	UNIT PRICE (Rs.)
Two Pole			
25A	FI2	30mA	10,000
40A	FI2	30mA	10,000
63A	FI2	30mA	13,000
Four Pole			
25A	FI4	30mA or 300mA	15,000
40A	FI4	30mA or 300mA	15,000
63A	FI4	30mA or 300mA	16,000
100A		300mA	40,000
ACCESSORIES:			
AUXILLARY BLOCK			2500
SHUNT TRIP			6000
UVT			6000

- Resisual Current Circuit Breakers (RCCBs) are used for protection against indirect contact, fir protection and additional protection against direct contact.
- They are suitable for isolation
- No Overload protection or Short circuit protection is built-in RCCBs.
- Assemblyto a 35mm wide mounting rail in accordance with EN 60715



Effective Date:
1/Jan/2024

Motor Circuit Breaker/Manual Motor Starter with thermal and magnetic protection (MMS) (MADE IN Slovania)

		THERMAL TRIP	UNIT PRICE
TYPE	AC400V Icu/Ics (KA)	(RANGE)	(Rs.)
MS32-0.16	100/100	0.1 - 0.16	18,000
MS32-0.25	100/100	0.16 - 0.25	18,000
MS32-0.4	100/100	0.25 - 0.4	18,000
MS32-0.63	100/100	0.4 - 0.63	18,000
MS32-1	100/100	0.63 - 1	18,000
MS32-1.6	100/100	1 - 1.6	18,000
MS32-2.5	100/100	1.6 - 2.5	18,000
MS32-4	100/100	2.5 - 4	18,000
MS32-6.3	100/100	4 - 6.3	18,000
MS32-10	100/100	6.3 - 10	18,000
MS32-14	25/12.5	9 - 14	18,000
MS32-18	25/12.5	13 - 18	18,000
MS32-23	25/12.5	17 - 23	20,000
MS32-27	25/12.5	20 - 27	22,000
MS32-32	25/12.5	25 - 32	22,000
OPTIONAL	ACCESSORIES:		
AUXILLARY	'BLOCK (MMS)		2,000/-
SHUNT TRI	P		5,500/-
UVT			5,500/-

MS32 - Thermal and magnetic relaese. - Automatic Switch-Off at over current and with themal or magnetic release. - Control with under voltage release or shunt release. An auxiliary switch for side mounting or flush mounting used for indication of switch state. - Indication of release with trip indicating auxiliary switch.





LOW VOLTAGE SWITCHGEAR

	(MADE IN Slovania)			
MODEL	DESCRIPTION	UNIT PRICE (Rs.)		
MVR54N	FOR MONITORING UNDER/OVER VOLTAGE, PHASE SEQUENCE AND PHASE FAILURE	24,000		

FEATURES:

- It serves to monitor voltage, phase failure and sequence in switch boards,
 protection of devices in 3-phase mains
- It is possible to set upper and lower levels of monitoring voltage
- Adjustable time delay eliminates short voltage peaks and failures in the main
- Supply is done from monotored voltage
- Faulty state is indicated by red LED and by opening of output relay contact
- Outout contact 1x changeover / SPDT 8A/250V AC1
- In case supply voltage falls below 60%Un (U lower Level) relay off immediately opens without delay
- MVR 54: supply from all phases which means that relay is functional also in case oone phase is faulty
- MVR 54V supply L1-N, means that relay monitors also failure of neutral wire
- 1-MODULE, DIN rail mounting





LOW VOLTAGE SWITCHGEAR

(MADE IN Slovania)

MODEL	DESCRIPTION	POWER SUPPLY	UNIT PRICE (Rs.)
TZ220E	THERMOSTAT FOR MONITORING TEMPERATURE OF MOTOR WINDING	AC/DC 24-240V	20,000

FEATURES:

- Monitors temperature in range on PTC thermistor.
- Fixed Levels of switching.
- MEMORY function, active by Dip Switch.
- PTC sensor is used for sensing, it is built-in motor winding by its manufacturer.
- RESET of faulty state can be done by button on front panel or by external contact (remote by 2 wires).
- Function of short-circuit or sensor disconnection monitoring,, red LED flashing indicates faulty sensor.
- Output contact: 2x changeover/DPDT 8A/250V AC1.
- Red LED shines and indicates exceeded temperature.
- Terminals of sensor are galvanically separated, they can be shorted out by terminal PE without damaging the device.
- MultiVoltage supply AC/DC 24-240V.



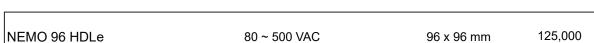
	<u>MULTI-FUNTION POWER ANALY</u>	ZER MAD	E IN ITALY
MODLE	MEASURING RANGE	SIZE	UNIT PRICE
			(Rupees.)

ENERGY ANALYZER

NEMO 96 Hde	50 ~ 460 VAC	96 x 96 mm	100,000

Features

- Three phase line 50 460V
- Connection on dedicated CT
- Programmable external CT ratio
- Active energy class 1
- Pulse Output
- RS485 communication by ModBus RTU/TCP protocol
- Phase sequence correction, diagnostic
- External Interfaces include Ethernet Communication (NT809 NT891)



<u>Features</u>

- Three phase line 80 500V
- Connection on dedicated CT
- Programmable external CT and VT ratios
- Active energy class 0.5
- Pulse Output
- RS485 communication
- Phase sequence correction, diagnostic





Effective Date: 1/Jan/2024



CURRENT TRANSFORMET

MADE IN ITALY

	Rated Primary			UNIT PRICE
Model	Current	Class	Burden	(Rs.)
TA221	60/5A	3	3VA	6,000
TA221	100/5A	1	4VA	6,000
TA221	150/5A	1	6VA	6,000
TA221	200/5A	0.5	6VA	6,000
TA221	300/5A	0.5	8VA	6,000
TA432	400/5A	0.5	8VA	8,000
TA432	500/5A	0.5	10VA	10,000
TA432	600/5A	0.5	10VA	10,000
TA432	800/5A	0.5	10VA	10,000
TAS65	1000/5A	0.5	15VA	10,000
TAS65	1200/5A	0.5	15VA	15,000
TAS65	1500/5A	0.5	20VA	18,000
TAS65	1600/5A	0.5	20VA	18,000
TAS65	2000/5A	0.5	20VA	19,000
TAS65	2500/5A	0.5	20VA	20,000
TAS127	3200/5A	0.5	25VA	27,000
TAS127	4000/5A	0.5	25VA	35,000
TAU10	5000/5A	0.5	60VA	59,000
TAU10	6000/5A	0.5	70VA	66,000





Effective Date: 1-Jan-2024



MADE IN ITALY

				MADE IN TIALI			
	CURRENT TR	ANSFORMER	RS.				
Rated Primary							
Model	Current	Class	Burden	Price / Unit			
TRA230	100/5A	3	1.5VA	30,000/-			
TRA230	200/5A	0.5	1VA	30,000/-			
TRA230	300/5A	0.5	1.5VA	34,000/-			
TRA580	400/5A	0.5	1.5VA	35,000/-			
TRA580	600/5A	0.5	2.5VA	42,000/-			
TRA580	800/5A	0.5	3VA	45,000/-			
TRA812	1200/5A	0.5	6VA	99,000/-			
TRA812	1500/5A	0.5	8VA	102,000/-			
TRA816	2000/5A	0.5	15VA	103,000/-			
TRA816	2500/5A	0.5	15VA	105,000/-			
TRA816	3000/5A	0.5	20VA	108,000/-			
TRA15	4000/5A	0.5	30VA	115,000/-			
TRA15	5000/5A	0.5	30VA	120,000/-			





Effective Date: 1/Jan/2024



MADE IN ITALY

SOLENOID / PENUMATIC VALVES

MODEL NO: UNIT/PRICE **DESCRIPTIONS** (RUPEES)

SOLENOID / PNEUMATIC VALVES Series 70					
SOV 25 SOS OO	1/8"	0 – 145psi / 0 – 10kg/cm²	5/2 Port	20,000	
SOV 35 SOS OO	1/4"	0 – 145psi / 0 – 10kg/cm²	5/2 Port	28,000	
SOV 45 SOS OO	1/2"	0 – 145psi / 0 – 10kg/cm²	5/2 Port	40,000	
Spare COILS for the at	oove VALVES	6			
24 VDC, 24 VAC, 110 V	VAC, 220 VA	C		4,500	
DIN Type CONNECTO	R			2,000	

TECHNICAL DATA

Operating Pressure: Monostable : 2.5 bar – 10 bar

Bistable : 1 – 10 bar : Vacuum - 10 Asserved

Minimum Actuation Pressure : 2.5 bar

Operating Temperature Range : - 10° to 60° C

Nominal Diameter: 1/8" = 5 mm

1/4" = 7.5 mm 1/2 = 15 mm

Voltage Tolerance : -10% to +15%



Effective Date: 1/Jan/2024



				MADE IN ITALY
	Brand FRL UNITS	(FILTER + REQULATOR + LI	JBRICATOR)	
CODE	DESCRIPTIONS		SIZE	UNIT PRICE (RUPEES)
BIT Series	Filtration = 5 micror	ns, Max. Inlet Pressure = 12 b	ar	
5104007	FRL BIT 1/8 5UM	Semi Auto/Manual	1/8"	20,000
5104019	FRL BIT 1/8 5UM	Auto Drain	1/8"	22,000
5204007	FRL BIT 1/4 5UM	Semi Auto/Manual	1/4"	20,000
5204019	FRL BIT 1/4 5UM	Auto Drain	1/4"	22,000
AIR REGULA	ATORS			
MR BIT 0 ~ 12	2 bar		1/8"	4,500
MR BIT 0 ~ 12	2 bar		1/4"	4,500
AIR FILTERS	S			
5201001	Filtration 5 Micron		1/4"	7,000
5201004	Filtration 5 Micron	Auto Drain	1/4"	9,500
AIR LUBRIC	ATOR			
5203001			1/4"	5,500
N		ect to change without notice and		
	The prices are for refere	ence only. All dispatched are ma	de on buyers' risk	₹.



Effective Date: 1/Jan/2024



Brand FRL UNITS (FILTER + REQULATOR + LUBRICATOR)

CODE DESCRIPTIONS UNIT PRICE (RUPEES)

NEW DEAL Series FRL (FR + L)

Filtration = 4 microns & Setting Range = 0 to 12bar

1224053	FRL 1/4"	Semi Auto/Manual	30,000
1224057	FRL 1/4"	Auto Drain	36,000
1424053	FRL 1/2"	Semi Auto/Manual	40,000
1425057	FRL 1/2"	Auto Drain	45,000
1524029	FRL 3/4"	Semi Auto/Manual	56,000
1524033	FRL 3/4"	Auto Drain	65,000
1624029	FRL 1"	Semi Auto/Manual	60,000
1624033	FRL 1"	Auto Drain	70,000

For Automatic Drain please add Rs.2,000/- in the above prices.



Effective Date: 1/Jan/2024

MADE IN ITALY

SPARES: Filter, Regulators & Lubricators				
CODE	DESCRIPTIONS	SIZE	UNIT PRICE	
			(RUPEES)	

NEW DEAL Series

INEVV BEAL GOIL					
AIR FILTERS:	Filtration = 4	I microns, Max. Inlet Pre	ssure = 12 bar		
1221005	Semi Auto/M	anual	1/4"	10,000	
1321005	Semi Auto/M	anual	3/8"	10,000	
1421005	Semi Auto/M	anual	1/2"	15,000	
1521005	Semi Auto/M	anual	3/4"	22,000	
1621005	Semi Auto/M	anual	1"	22,000	
AIR REGULATORS:Max. Inlet Pressure = 12 bar					
1202003			1/4"	6,500	
1302003			3/8"	6,500	
1402003			1/2"	12,000	
1502003			3/4"	25,000	
1602003			1"	25,000	
AIR LUBRICATO	ORS				
1223001			1/4"	6,000	
1323001			3/8"	8,000	
1423001			1/2"	8,000	
1523001			3/4"	14,000	
1623001			1"	14,000	





Effective Date: 1/Jan/2024



SOLENOID VALVES

MADE IN ITALY

Spirax sarco Engineering Group – The Ultimate Technology for Fluid Control							
MODEL	DESCRIP	TION		UNI	PRICE (Rs.)		
	DIRECT ACTING Solenoid Valves (NC). For Water, Oil & Air. Media Temperature – 10°C to + 130°C						
D249 DVL	1/4"	0 – 45 psi / 0 – 3 bar	2/2 port		12,000		
D263 DLH	1/4"	0 – 72 psi / 0 – 5 bar	2/2 port		14,000		
PILOT OPEF		noid Valves (NC). For Water, Oil of to + 130°C	& Air.				
D884 DVU	1/4"	0 – 235 psi / 0 – 16 bar	2/2 port		16,000		
D885 DVU	3/8"	0 – 235 psi / 0 – 16 bar	2/2 port		18,000		
D886 DVU	1/2"	0 – 235 psi / 0 – 16 bar	2/2 port		20,000		
D290 DBW	3/4"	0 – 235 psi / 0 – 16 bar	2/2 port		36,000		
D292 DBW	1"	0 – 235 psi / 0 – 16 bar	2/2 port		50,000		
PILOT OPEF Media Tempe		noid Valves (NC). For Water, Oil of to + 90°C	& Air.				
B203 DBZ	1/4"	4 – 235 psi / 0.3 – 16 bar	2/2 port		16,000		
B205 DBZ	1/2"	4 – 235 psi / 0.3 – 16 bar	2/2 port		22,000		
B206 DBX	3/4"	4 – 235 psi / 0.3 – 16 bar	2/2 port		38,000		
B222 DBY	1"	4 – 235 psi / 0.3 – 16 bar	2/2 port		52,000		
D223 DBK	11⁄4"	4 – 235 psi / 0.3 – 16 bar	2/2 port		90,000		
D224 DBK	1½"	4 – 235 psi / 0.3 – 16 bar	2/2 port		125,000		
D225 DBJ	2"	4 – 235 psi / 0.3 – 16 bar	2/2 port		150,000		
Spare COILS for the above VALVES							
SERIES 2000	: 24 VDC, 24	1 VAC, 110 VAC, 220 VAC			3,500		
SERIES 7000	: 24 VDC, 24	1 VAC, 110 VAC, 220 VAC			4,200		
DIN Type COI	NNECTOR				1,100		

Effective Date: 1/Jan/2024





SOLENOID VALVES

Spirax sarco Engineering Group – The Ultimate Technology for Fluid Control

MODEL DESCRIPTION

PILOT OPERATED Piston Valves (NC). For Water and Steam.

UNIT PRICE (Rs.)

		,		` ,
Media Temper	ature +80°C to	o + 180°C		
D634 DTT	1/4"	4 – 145 psi / 0.3 – 10 bar	2/2 port	 30,000
D635 DTT	3/8"	4 – 145 psi / 0.3 – 10 bar	2/2 port	 36,000
D636 DTT	1/2"	4 – 145 psi / 0.3 – 10 bar	2/2 port	 42,000
D890 DPV	3/4"	4 – 65 psi / 0.3 – 4.5 bar	2/2 port	 45,000
D892 DPV	1"	4 – 65 psi / 0.3 – 4.5 bar	2/2 port	 60,000

HIGH PRESURE PILOT OPERATED Solenoid Valves (NC). For Water Oil and Air.

Media Temper	ature - 10°C t	to + 130°C				
D232 DTW	3/8"	15 – 725 psi / 1 – 50 bar	2/2 port		48,000	
D233 DTW	1/2"	15 – 725 psi / 1 – 50 bar	2/2 port		50,000	
D234 DTW	3/4"	15 – 725 psi / 1 – 50 bar	2/2 port		54,000	

DIRECT ACTING Solenoid Valves (NC). For Water, Oil & Air

Media Temperature – 10°C to + 130°C

D363 CVC	1/4"	0 – 220 psi	/ 0 – 15 bar	3/2 port	 20,000
Spare COILS	S for the a	bove VALVES			
SERIES 2000): 24 VDC,	, 24 VAC, 110 VAC,	220 VAC		 7,000
SERIES 7000): 24 VDC,	, 24 VAC, 110 VAC,	220 VAC		 8,000
DIN Type CO	NNECTOR	2			 2,000



Effective Date: 1/Jan/2024



KEMA Cartified

MOULDED CASE CIRCUIT BREAKERS

MODEL DESCRIPTION UNIT PRICE (Rs.)

3 P With Thermal and Magnetic Trips (FIXED)

RATING AMPS			
10, 16, 20, 32 Amp	SGM6 - 125	10 KA	7,000
40, 50, 63 Amp	SGM6 - 125	10 KA	7,000
80, 100 Amp	SGM6 - 125	10 KA	7,000
125 Amp	SGM6 - 125	10 KA	8,000
20, 32, 40, 50, 63, 100	SGM6 - 125	25 KA	8,000
125 Amp	SGM6 - 125	25 KA	10,000
160, 180, 200, 225 A	SGM6 - 250	36 KA	13,500
250 Amp	SGM6 - 250	36 KA	13,500
160, 180, 200, 225 A	SGM6 - 250	50 KA	16,000
250 Amp	SGM6 - 250	50 KA	16,000

Effective Date: 1/Jan/2024





MCCB 3 Phase With Thermal & Magnetic Trips

KEMA Cartified

IEC 60 947-2/GB/T14048.2 KA -ICU/ICS

		NA -ICU/ICS	
Туре	AMP Rating	400/415 VAC	Unit Price
(FIXED) Type			
SG M6 - 400 M	300 A - 400 A	85/60	40,000
SG M6 - 400 H	300 A - 400 A	100/75	50,000
SG M6 - 630 M	500 A - 630 A	85/60	68,000
SG M6 - 630 H	500 A - 630 A	100/75	75,000
SG M3 - 800 M	700 A - 800 A	65/50	70,000
SG M3 - 800 H	700 A - 800 A	85/60	86,000
SG M6 - 1250 M	1000 A - 1250 A	50/50	200,000

OPTIONAL ACCESSORIES FOR MCCBs AND ELCBs					
ACCESSORIES FOR MCCBs:	up to	up to	up to	up to	
	250AF	400AF	800AF	1600AF	
	(Rs.)	(Rs.)	(Rs.)	(Rs.)	
1) ALARM SWITCH (AL) 1C	9,000	9,000	12,000	15,000	
2) AUXILIARY SWITCH (AX) 1C	9,000	9,000	12,000	15,000	
3) UNDER-VOLTAGE TRIP (UVT)	24,000	28,000	30,000	45,500	
4) SHUNT TRIP (SHT)	18,000	24,000	26,000	40,000	
5) EXTENSION HANDLE	24,000	28,000	40,000	42,000	
6) MECHANICAL INTERLOCK (MI-S)	20,000	20,000	24,000	58,000	

7) OVER-CURRENT TRIP ALARM SWITCH]	
8) ELECTRICAL-OPERATION DEVICE]	
9) PRE-ALARM MODULE (PAL)]	PRINCE ON REQUEST
10) TEST BUTTON MODULE (TBM)]	
11) INSULATION SWITCH (MG)]	

Effective Date: 1/Jan/2024





MCCB Thermal Adjustable, Thermal and Magnetic Trips, 3 Pole KEMA Cartified

IEC 60 947-2/GB/T14048.2 KA -ICU/ICS

Туре	AMP Rating	400/415 VAC	Price
(FIXED) Type			
SG M6 Sm - 125M	16 - 20	25/18	18,000
SG M6 Sm - 125M	25 - 32	25/18	18,000
SG M6 Sm - 125M	32 - 40	25/18	18,000
SG M6 Sm - 125M	50 - 63	25/18	18,000
SG M6 Sm - 125M	65 - 80	25/18	18,000
SG M6 Sm - 125M	80 - 100	25/18	18,000
SG M6 Sm - 125M	100 - 125	25/18	20,000
SG M6 Sm - 160L	128 - 160	36/27	30,000
SG M6 Sm - 250M	160 - 200	50/36	34,000
SG M6 Sm - 250M	200 - 250	50/36	34,000
SG M6 Sm - 400M	320 - 400	85/60	70,000
SG M6 Sm - 630M	500 - 630	85/60	120,000
SG M6 Sm - 800	640 - 800	85/60	160,000

Effective Date: 1/Jan/2024





MGB / EPB - SERIES

MINIATURE CIRCUIT BREAKERS DIN RAIL MOUNTED "C" CURVE

VDE / KEMA Cartified

MODEL	AC BREAKING CAPACITY IEC 60898-1 @ 230/400 V	UNIT PRICE (Rupees)
EPB-63M	6 KA	800
EPB-63M	6 KA	700
EPB-63M	6 KA	750
EPB-63H	10 KA	1200
EPB-63H	10 KA	1200
EPB63-M	6 KA	1500
EPB63-M	6 KA	1600
ЕРВ63-Н	10 KA	3000
ЕРВ63-Н	10 KA	3000
	EPB-63M EPB-63M EPB-63M EPB-63H EPB-63H EPB63-M EPB63-M	MODEL IEC 60898-1 @ 230/400 V EPB-63M 6 KA EPB-63M 6 KA EPB-63H 10 KA EPB-63H 10 KA EPB-63H 10 KA

THREE POLE

6, 10, 16, 20, 32A	EPB-63M	6 KA	2000
40, 50, 63 AMPS	EPB-63M	6 KA	2200
80,100 AMPS	EPB-63H	10 KA	5000
6, 10, 16, 20, 32 A	EPB-63H	10 KA	3000





EPB SERIES DC (DIRECT CURRENT)

MINIATURE CIRCUIT BREAKERS DIN RAIL MOUNTED "C" CURVE

TUV Certificate IEC 60947-2

RATINGS (AMPERES)	MODEL	AC BREAKING CAPACITY IEC 60898-1 @ 230/400 V	UNIT PRICE (Rupees)
TWO POLE			
6, 10, 16, 20, 32A	EPB-63M-DC	6 KA	2500
40, 50, 63 AMPS	EPB-63M-DC	6 KA	2500

FOUR POLE

32A, 40A, 63A	EPB-63H-DC	5,000

Accessories for MBBC

Auxiliary Switch	2,000
Alarm Switch	2,500
Shunt Trip	4,000
UVT.	7,500
UVT + SPD	12,000
	12,000

Effective Date: 1/Jan/2024





MOTOR CIRCUIT BREAKERS / MANUAL MOTOR STARTERS WITH THERMAL & MAGNETIC PROTECTION

ТҮРЕ	THERMAL TRIP	AC BREAKING CAPACITY AS PER IEC 947-2 Icu (KA) @ 415 VACS	UNIT PRICE (Rupees)
SGV2-M	0.63 – 1A	100	10,000
SGV2-M	1 – 1.6A	100	10,000
SGV2-M	1.6 – 2.5A	100	10,000
SGV2-M	2.5 – 4A	100	10,000
SGV2-M	4 – 6.3A	100	10,000
SGV2-M	5 – 8A	100	10,000
SGV2-M	6 – 10A	100	10,000
SGV2-M	9 – 14A	100	10,000
SGV2-M	17 – 23A	50	10,000
SGV2-M	24 – 32A	50	10,000
SGV3-M	28 – 40A	50	20,000
SGV3-M	34 – 50A	50	20,000
SGV3-M	45 – 63A	50	20,000

AUXILARY CONTACT BLOCK FOR MMS

FX – 11	TOP MOUNTING	2,000
LX – 11	SIDE MOUNTING	3,000

MAXGE MMS SERIES META -MEC MOTOR CIRCUIT BREAKERS / MANUAL MOTOR STARTERS WITH THERMAL & MAGNETIC TRIP PROTECTION ARE DESIGNED FOR CONTROL & PROTECTION OF MOTORS / INSTALLATIONS / CIRCUITS ETC. CONFIRMING TO IEC 947 STANDARD WITH PHASE FAILURE PROTECTION & DIN RAIL MOUNTING.

- 1. This list is subject to change without notice and goods being in stock.
- 2. The prices in the list are reference prices and not sale prices.
- 3. Discount/Multipliers are applicable.







MAGNETIC CONTRACTORS, THREE POLE, 220 VAC CURRENT RATING AC 1 & AC 3

MODEL	CONTACTS ARRANGEMENT	THERMAL CURRENT AMPERES	OPERATIONAL CURRENT AMPERES	CAPACITY KW (HP)	UNIT PRICE (Rupees)
SGC1- D09	3P+1a	25	9	4/ 5.5	2,400
SGC1- D12	3P+1a	25	12	5.5 / 7.5	2,600
SGC1- D18	3P+1a	32	18	9/12	3,200
SGC1- D25	3P+1a	40	25	11/15	4,900
SGC1- D32	3P+1a	50	32	15/20	7,200
SGC1- D40	3P+1a1b	60	40	22/30	8,500
SGC1- D50	3P+1a1b	80	50	25/33	10,000
SGC1- D65	3P+1a1b	80	65	37/50	11,000
SGC1- D80	3P+1a1b	125	80	45/60	16,500
SGC1- D95	3P+1a1b	125	95	45/60	17,500
SGC1- F115	3P	200	115	59/77	39,000
SGC1- F150	3P	250	150	80/105	50,000
SGC1- F185	3P	305	185	59/77	58,000
SGC1- F225	3P	330	225	80/105	60,000
SGC1- F265	3P	385	265	100/134	ON
SGC1- F330	3P	440	330	110/147	
SGC1- F400	3P	550	400	140/175	
SGC1- F500	3P	700	500	180/210	REOUEST
SGC1- F630	3P	1050	630	220/265	
SGC1- F800	3P	1050	800	280/330	

SPARE OPERATING COILS & MAIN CONTACT KITSFOR MAGNETIC CONTACTORS (COIL VOLTAGE 24, 110, 220 & 415 VAC)

SGC1-D09, D1	2, D18	800	 	1,200
SGC1-D25		1,000	 	2,400
SGC1-D32		1,000	 	2,400
SGC1-D40		1,000	 	3,000
SGC1-D50		1,200		4,500
SGC1-D65		1,300	 	5,000
SGC1-D80		5,000	 	7,000
SGC1-D95		5,000	 	10,000
SGC1-F115		7,000	 	12,000
SGC1-F150		9,000	 	15,000
SGC1-F185		9,000	 	18,000
SGC1-F225		PRICE ON REQUEST	 	PRICE ON REQUEST
SGC1-F265		í)	 	t)
SGC1-F330		69	 	t)
SGC1-F400		63	 	ο
SGC1-F500		υ	 	ω
SGC1-F630		υ	 	63
SGC1-F800		67	 	()





THERMAL OVERLOAD RELAY

3-ELEMENTS, MANUAL & AUTOMATIC RESET FACILITY,

- * SINGLE PHASE PREVENTING DEVICE FOR PHASE FAILURE PROTECTION.
- * 3 Element, 1NO+1NC Contacts, Manual & Automatic Reset Facility.

MODEL NO.	SETTING RAN	UNIT PRICE: (RUPEES)			
SGR2-D	0.20 ~ 0.32	0.4 ~ 0.6	0.55 ~ 0.85		2,200
SGR2-D	1 ~ 1.6	1.7 ~ 2.5	2~3		2,200
SGR2-D	2.8 ~ 4.4	4 ~ 6	5.2 ~ 8		2,200
SGR2-D	7 ~ 11	9 ~ 13	12 ~ 18		2,200
SGR2-D	16 ~ 22	18 ~ 26			3,200
SGR2-D	24 - 34	30 - 40	34 - 50		4,500
SGR2-D	24- 34	34 - 50	43-65		6,000
SGR2-D	54 - 80	65 - 100	85 - 105		12,000
SGR2-D	85 - 125	100 - 150			32,000
SGR2-F	140 - 220	170 - 250			58,000
SGR2-F	200 - 300	260 - 400			60,000
SGR2-F	400 - 630	520 - 800			65,000

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NH FUSES & BASES

NH FUSES, HRC FUSE LINK, 120 KA / 500V AC, WITH INDICATING PIN

MODEL	RATING (AMPERES)	UNIT PRICE (Rupees)
GROUP: 00	16, 25, 35, 50, 63, 80, 100 A	1,400
GROUP: 00	125, 160 A	1,400
GROUP: 1	UPTO 250 A	3,000
GROUP: 2	160, 200 & 250A	3,300
GROUP: 2	315 & 400A	5,000
GROUP: 3	500 & 630A	11,000
BASES FOR NH F	TUSE (CERAMIC, 500 V AC)	
GROUP: 00	SUITABLE UP TO 160 A	1,800
GROUP: 1	SUITABLE UP TO 250 A	6,800
GROUP: 2	SUITABLE UP TO 400 A	7,200
GROUP: 3	SUITABLE UP TO 630 A	16,000

FEATURES

SPECIFICATION & STANDARDS AS PER IEC269-2, VDE0636

MINIMAL POWER CONSUMPTION AND LOW INTERNAL TEMPERATURE RISE.

TESTED FOR SWITCHING SAFETY IN THE COMPLETE RANGE OF APPLICATION.

HRC FUSE LINKS HAVE AN INDICATING PIN ON FRONT PLATE WHICH MAKES THE SWITCHING CONDITION CLEARLY VISIBLE.



Effective Date: 1/Jan/2024



Brand 22mm PUSH BUTTONS, ILLUMINATED P. BUTTON SWITCH, PILOT LAMPS, EMERGENCEY SWITCH (PUSH BUTTON / ILLUMINATED).

	Conform to IEC EN60947	7-1 IEC	EN 60	947-5	5-1	
MODEL NO.	DESCRIPTION					UNIT PRICE (Rupees.)
PUSH BUTTON SW	ITCHES 1a / 1b. Round					
COLOR = RED, GREE	EN, YELLOW 22mm.					900
ILLUMINATED PUS	H BUTTON SWITCHES 1a / 1b					
COLOR = RED, GREE	EN, YELLOW. 22 mm Round					1,800
SELECTOR SWITCH ON - OFF	H(ROTARY) 22 mm					1,200
SELECTOR SWITC	H (ROTARY) 22 mm					1,400
ON - OFF - ON						
	TCH (PUSH BUTTON) 1a + 1b					1,200
COLOR = RI	ED MUSHROOM HEAD ROUND					
KEY SWITCH 1a + 1	1b					1800
PILOT LAMP 220VA	.C, COLOR = RED, GREEN, YEL	LOW R	OUND			600



Effective Date: 1/Jan/2024



TOSUN		MIC	RO SV	/ITCHES.	
MODEL NO.	EQUIVALENT				UNIT PRICE (Rupees.)
NM 1305	1305				1000
NM 1306	1306				1000
NM 1307	1307				1000
NM 1308	1308				1000
NM 1309	1309				1000
NM 1701	1701				1000
NM 1701-1	1701-1				1000
NM 1701-2	1701-2				1000
NM 1703	1703				1000
NM 1704	1704				1000

TOSUN Brand MINI MICRO SWITCHES.

V-15-1C25	 	 	600
V-151-1C25	 	 	600
V-152-1C25	 	 	600
V-155-1C25	 	 	600
V-156-1C25	 	 	600



Effective Date: 1/Jan/2024



TOSUN	Brand LIMIT SWITCHE	:S	
MODEL NO.	DESCRIPTIONS	EQUIVALENT	UNIT PRICE (Rupees.)
WLCA2-2	ROLLER LEVER	5104	5000/-
WLCA3-2	FORK ROLLER LEVER	5105	5000/-
WLCA2-2Q	ADJUSTABLE LENGTH ROLLER	R LEVER 5108	5000/-
WLNJ	SPRING LEVER		5000/-
WLD	PUSH PLUNGER	5109	5000/-
WLD-3	BALL PLUNGER		5000/-
WLD-2	ROLLER PLUNGER	5102	5000/-
YS 518 S	COIL SPRING	5106	5000/-







MEASUREMENT & CONTROL DEVICES

DIGITAL AMPEREMETERS

MODEL	DESCRIPTION	UNIT PRICE
SDM-A72	220V AC Size: 72 x 72 mm	4,000
SDM-A96	220V AC Size: 96 x 96 mm	4,000
	SINGLE PHASE LED DISPLAY CLASS: 0.5 CURRENT INPUT: 5 TO 10,000A TRUE RMS SUPPLY VOLTAGE	

DIGITAL VOLTMETERS

SDM-V72	220V AC Size: 72 x 72 mm	4,000
SDM-V96	220V AC Size: 96 x 96 mm	4,000
	SINGLE PHASE, 0-520V AC CLASS : 0.5 SUPPLY VOLTAGE : 220V AC <u>+</u> 20%, 50/60 Hz	
SDM-V96 T	220V Size: 96Gx 96 mm	6,500
	3 PHASE SELECTABLE VOLTMETER 3 LED DISPLAY 0-500V TRUE RMS SUPPLY VOLTAGE: 220V AC± 20%, 50/60 Hz	



Effective Date: 1/Jan/2024







MEASUREMENT & CONTROL DEVICES

DIGITAL MULTIMETERS

DIGITAL MULTIMETERS				
MODEL	DESCRIPTION	UNIT PRICE (Rupees)		
SDM-V96 SDM-A96	220V AC Size: 96 x 96 mm	3,600		
	DIGITAL DISPLAY 0-9999 AMPS CLASS : 0.5 SUPPLY VOLTAGE 220V AC± 20% 50/60Hz			
SDM-AVF96	220V AC Size: 96 x 96 mm	7,600		
	AMP VOLTMETER & FREQUENCY METER 3 DIGITAL DISPLAY OF VOLTAGE +1 DIGITAL DISPLAY OF FREQUENCY 0-500V AC, 30-70 Hz FREQUENCY CLASS 0.5, SUPPLY VOLTAGE: 220V AC± 20% 50/60 Hz			
EM 06	220V AC Size: 96 x 96 mm	9,000		
	MULTI AMPERE/ VOLT/ FREQUENCY METER 3 DIGITAL DISPLAY OF AMPERE/ VOLT & FREQUENCY VOLTAGE: 0-500V AC, AMPERE: 0-9999 AMP FREQUENCY: 30-70 HZ. CLASS 0.1 SUPPLY VOLTAGE: 220V AC ± 20%, 50/60 Hz			





Effective Date:





MEASUREMENT & CONTROL DEVICES

PROTECTION RELAYS

MODEL	DESCRIPTION	UNIT PRICE (Rupees)
GK 14 FN GK 04 FN	STANDARD TYPE VOLTAGE MONITORING RELAYS 3 PHASE, PHASE SEQUENCE UNDER / OVER VOLTAGE : 260-500V TIME DELAY : 20 SEC SUPPLY VOLTAGE : 3x380V AC, 50/60 Hz	6,500
GKV-12F	SLIM MCB TYPE PHASE SEQUENCE / PHASE PROTECTION OFF DELAY: 0.1 SEC SUPPLY VOLTAGE: 380V AC, 50/60 Hz	6,000

TIMERS

EVR-08	MULTI FUNCTION TIMER RANGE 0.06 Sec TO 30	5,000
	HOURS	
EVR-09	MULTI STTING DUAL TIMER RANGE 0.1 SEC	5,500
	TO 100 HOURS	
EVR-XXM	OFF DELAY TIMER RANGE 0.1 ~30SEC.	4,500
EVR-XX	SINGLE RANGE TIMER $0.1 \sim 60$ SEC.	3,200

ENERGY ANALYZER

TPM-OIE	0-500V AC Size: 96 x 96 mm	32,000
	NETWORK ANALYZER	
LCD DISPLAY WITH RS485 COMMUNICATION		
	LCD DISPLAY WITH RS485 COMMUNICATION	
	CURRENT 0-10,000A, POWER FACTOR CosO: 0-1	
	ACTIVE/ REACTIVE ENERGY, kW / kWh / kVarLh	
	TOTAL ACTIVE / REACTIVE / APPARENT	
	POWER, CURRENT / VOLTAGE HARMONICS	





Effective Date: 1/Jan/2024

POWER FACTOR CONTROLLERS

SOPR-SS3-60-440

MODEL	DESCRIPTION	UNIT PRICE (Rupees)
PFR-6	8 STEPS, 220V AC Size: 144 x 144 mm	24,000
PFR-12	12 STEPS, 220V AC Size: 144 x 144 mm	30,000
	SINGLE CT WITH LED DISPLAY STEP ON/OFF & TEMPERATURE ADJUSTMENTS SUPPLY VOLTAGE 220V AC± 20% (N-L1) 50Hz	

ELECTRONIC OVERLOAD RELAY

Electronic Adjustable Phase Failure Relay



RANGE PRICE

1 ~ 6 A		8,000
5 ~ 60 A		8,000
10 ~ 120 A	••	10,000

LEFOO Brand



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	Pressure Transmitters (Output: 4-20mA)			
Туре	Range (Bar)	Connector Size	UNIT PRICE (RUPEES)	
T2000				
	0 ~ 6	G 1/4	24,000	
	0 ~ 10	G 1/4	24,000	
	0 ~ 16	G 1/4	24,000	
	0 ~ 25	G 1/4	24,000	
	0 ~ 60	G 1/4	24,000	

Features:

- Accuracy 0.25% F.S

- Protection grade: IP67

- Output: 4-20mA

- Power supply: 10~30 VDC



T1030

11030			
	0~1	1/2" (NPT)	30,000
	0~4	1/2" (NPT)	30,000
	0~6	1/2" (NPT)	30,000
	0~10	1/2" (NPT)	30,000
	0~16	1/2" (NPT)	30,000
	0~25	1/2" (NPT)	30,000
	0~100	1/2" (NPT)	30,000
	0~400	1/2" (NPT)	30,000

Features:

- Accuracy 0.25% F.S
- Widely used for Gas and Liquid pressures
- Working Temperature: -40°C~85°C
- Output: 4-20mA
- Power supply: 10~30 VDC



Effective Date: 1-Jan-2024

LEFOO Brand







LIQUID FLOW SWITCHES

MODEL NO: DESCRIPTIONS UNIT PRICE (RUPEES)

LIQUID FLOW SWITCH

FS 51 Electric Load: AC250V 10A 14,400/-

Max. Workinf Pressure: 10.34 bar Flow Temperature: 0 - 120 C

The Endurance of Bellows : 500,000 Cycles IP53
Flow Temperature: 0 - 120 C 0 - 60 C

The Endurance of Bellows: 500,000 Cycles

Flow Temperature: 0 - 120 C 0 - 60 C

FS 52 Electric Load: AC250V 10A 16.800/-

Max. Workinf Pressure: 10.34 bar Flow Temperature: 0 - 120 C

The Endurance of Bellows : 500,000 Cycles IP53
Flow Temperature: 0 - 120 C 0 - 60 C

The Endurance of Bellows: 500,000 Cycles

Features:

- Maximum liquid pressure 1 Mpa can be used in multiple applications
- There are 3 stainless steel paddles can be used in 25 to 75mm diameter pipe.
- Number of paddles is changeable and length of paddle is trimable according to customer requirements.
- Adjustable flow setting, user can set the flow value according to their requirements.
- For user convenience, FS 52 flow has large room for wiring.
- FS51 / FS52 can also be provided with stainless steel connection, which is suitable for ammonia and other medium.

LEFOO Brand







DIFFERENT	DIFFERENTIAL PRESSURE SWITCHES AND TRANSMITTERS - FLOW			
MODEL NO:	DESCRIPTIONS		UNIT PRICE (RUPEES)	
LF 18	PRESSURE SWITCH for AIR Compressor & PUMP			
	1.0-5.0bar, 16A/25A, 400VAC-3, 1/4"NPT		6000/-	
	Factory Setting: 2.0-4.0bar, NC			
	2.0 - 8.0bar, 16A/25A, 400VAC-3, 1/4"NPT		6000/-	
	Factory Setting: 3.8-5.0bar, NC			
	3.0 - 11.0bar, 16A/25A, 400VAC-3, 1/4"NPT Factory Setting: 5.6-7.0bar, NC		6000/-	
	4.0 - 16.0bar, 16A/25A, 400VAC-3, 1/4"NPT		6000/-	
	Factory Setting: 8.0-10.0bar, NC			
LF 19	PRESSURE SWITCH for AIR Compressor and Pump)		
	1~6 bar, 16A/25A AC250V 1/2" Female NPT		5800/-	
	Factory Setting: 1~3 bar, NC			
	2~11 bar, 16A/25A AC250V 1/2" Female NPT		5800/-	
	Factory Setting: 1.4~3.5 bar, NC			
	5~14 bar, 16A/25A AC250V 1/2" Female NPT Factory Setting: 1.8~4.0 bar, NC		5800/-	
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Effective Date: 1-Jan-2024





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	DIFFERENTIAL PRESSURE SWITCH	ES	
MODEL NO:	DESCRIPTIONS		UNIT PRICE (RUPEES)
LF 55	PRESSURE SWITCH for Freon, Air, Water ((Fluid)	
LF 5503	-0.5 - 3 bar, Factory Set: 1-OFF 0.5-ON		6,500/-
LF 5510	1.0 - 10 bar, Factory Set: 6-OFF 5.0-ON		6,500/-
LF 5514	2.0 - 14 bar, Factory Set: 10-OFF 8.0-ON		6,500/-
LF 5520	5.0 - 20 bar, Factory Set: 16-OFF 13.0-ON		6,500/-
LF 5530	8 - 30 bar, Factory Set: 20-OFF 15-17 ON		6,500/-



Effective Date: 1/Jan/2024



	Durand Daview Delaye	
Gene	Brand Power Relays ral Purpose Control Relays With Led + Test E	Button.
MODEL:		PRICE:
MK 2P . 8 PIN	2 C/O Contacts	900
MK 3P . 11 PIN	3 C/O Contacts	1,000
12, 24, 110V DC / 12, 24, 110), 220 VAC	
SOCKET = PUB08 - E		200
SOCKET = PUB11 - E		250
Miniature Control Relay LED	+ Test Button	
DMY - 4C -14 PIN 4 C/O Cor	ntacts	800
12 VAC, 24V DC		
110 VAC, 220 VAC,		
DMY - 2C -8 PIN 2 C/O Cont	acts	700
24V DC, 110V AC , 220V AC		
SOCKET = PKB14- E		200
SOCKET = PKB08 E		150
SOCKET = PYF-14A		200





TEMPERATURE HUMIDITY

DIGITAL CONTROLLERS

MODEL TC5 SERIES

TCD - L 96 X 96 MM	ON/OFF Control K Type	6,000
TCD - L 72 X 72 MM	ON/OFF Control K Type	6,000
TCD - H 48 X 96 MM	ON/OFF Control K Type	6,000

MODEL T X 4 SERIES - 100 ~ 240 VAC/ DC

Digital Setting, Digital Display

Input T/C Type

Control Output: SSR/RELAY

ALARM OUTPUT = OPTIONAL

T X 4 - L 96 X 96 MM	9000
T X 4 - M 72 X 72 MM	9000
T X 4 - H 48 X 96 MM	9000





CEE/IEC 60309-2

PLUGS & SOCKETS (INDUSTRIAL)

	Accordance with CEE-Standard.	
RATINGS (AMPS.)	DESCRIPTION (WALL & FLUSH MOUNTING) 400VOLTS 50/60Hz	UNIT PRICE
Protection D	egree IP 44	
16 A	3-POLE, (2P + E)	3,200
16 A	4-POLE, (3P + E)	3,600
16 A	5-POLE, (3P + N + E)	3,800
32 A 32 A 32 A	3-POLE, (2P + E) 4-POLE, (3P + E) 5-POLE, (3P + N + E)	4,500 5,000 5,000
63 A	5-POLE, (3P + N + E)	22,000
Protection D	Degree IP 67	
16 A	5-POLE, (3P + N + E)	15,000
32 A	5-POLE, (3P + N + E)	20,000
63 A	5-POLE, (3P + N + E)	32,000
125 A	5-POLE. (3P + N + E)	60.000

ALSO AVAILABLE:

- · 110V, 230V AND 500V PLUGS & SOCKETS
- · COUPLINGS & SAFTEY SOCKETS WITH INTERLOCKING.

FEATURES:

- Splash proof and Watertight.
- The material is extremely good insulated, unbreakable; wear resistant, durable upto +120C.
- · Resistant against Oil, Gasoline and Salt water.
- Non-aging and Cold-proof
- · All important approvals worldwide mean at least.
- · Large mounting area for easy installation.







	Brand SLOTTED CABLE DUC	CTS with COVERS	for V	Viring	(TURKEY/TAIWAN)
ITEM NO	. WIRE SIZE 1.5mm for	SIZE(mm) WxH LENGTH 2-METER			UNIT PRICE (Rupees.)
PDK	25 WIRES	25 x 25			630
PDK	45 WIRES	25 x 40			800
PDK	45 WIRES	33 x 33			900
PDK	70 WIRES	40 x 40			1100
PDK	115 WIRES	40 x 60			1200
PDK	135 WIRES	60 x 60			1600
PDK	210 WIRES	60 x 80			2400
PDK	300 WIRES	80 x 80			2800
PDK	400 WIRES	100 x 100			4000

ITEM NO.	WIRE SIZE 1.5mm for	SIZE(mm) WxH LENGTH 3-METER		UNIT PRICE NET (Rupees.)
PDK	15 WIRES	14 x24		 330
PDK	25 WIRES	19 x 39	•••	 850
PDK	45 WIRES	25 x 50		 1,200





CHS Brand CABLE TIES WHITE

ITEM NO.	SIZE	WIDTH (mm)	NET PRICE
CHS-100	4"	1.8mm	60
CHS-100	4"	2.5mm	70
CHS-150	6"	2.5mm	115
CHS-150	6"	3.6mm	170
CHS-200	8"	2.5mm	160
CHS-200	8"	3.5mm	250
CHS-200	8"	4.6mm	440
CHS-250	10"	3.5mm	270
CHS-300	12"	3.5mm	350
CHS-300	12"	4.8mm	540
CHS-300	12"	7.6mm	1,000
CHS-380	15"	4.8mm	680
CHS-370	15"	7.6mm	1,500
CHS-500	20"	4.8mm	950
CHS-500	20"	7.5mm	2,200
CHS-600	24"	7.5mm	2,600
CHS-750	30"	7.5mm	3,000

MATERIAL: NYLON 66,94 V2, CERTIFIED BY UL.

OPERATIONAL TEMP: -35 - 85C. Heat Resistantm Acid and Erosion Control

Qualification Certificates



CHS®







BLACK NYLON CABLE TIES

SR. #	SIZE:	Price Net (RUPEES)	SR. #	SIZE:	Price Net (RUPEES)
1	CHS-3x100x2.5	160	10	CHS-8x380x7.6	2200
2	CHS-3x150x2.5	220	11	CHS-5x500x4.8	2000
3	CHS-4x150x3.6	240	12	CHS-8x500x7.6	3500
4	CHS-4x200x3.5	350			
5	CHS-4x200x4.6	600			
6	CHS-4x250x3.5	450	Mate	rial, UL Nylon 66, 9	4V2
7	CHS-4x300x3.5	650			
8	CHS-4x300x4.8	750		Temp -40 - 100 C	
9	CHS-5x380x4.8	900	IP 68 Pr	otection Standard II	EC 698





CHS BRAND - CERTIFIED BY UL

NYLON CABLE GLANDS

SR. #	SIZE:	PRICE/PIECE (RUPEES)	SR. #	SIZE:	PRICE/PIEC E (RUPEES)
1	PG-07		10	PG-36	
2	PG-09		11	PG-42	
3	PG-11		12	PG-48	
4	PG-13.5	<u>_</u>	13	PG-63	
5	PG-16				
6	PG-19	<u>_</u>	Materi	al, UL Nylon 66,	94V2
7	PG-21		Tigh	t Ring from Rub	ber
8	PG-24		To	emp -40 - 100 C	;
9	PG-29		IP 68 Prot	ection Standard	I IEC 698

CHS BRAND - Quick Connector





LESSO联塑

Brand	U P V C Flexible Conduit Pipe				
ITEM NO.	WIRE SIZE 1.5mm for	SIZE(mm) WxH LENGTH 3-METER			UNIT PRICE Ft
DN-16	16 mm	1/2"			
DN-20	20 mm	3/4"			
DN-25	25 mm	1"			
DN-32	32 mm	1-1/4"			
DN-40	40 mm	1-1/2"			
DN-50	50 mm	2"			



PRICE LIST Effective Date 1/Jan/2024



JK BRAND

Current Transformer (C.T) CSA CE TUV ISO9001

SR. #	SIZE/MODEL	Price Net (RUPEES)	SR. #	SIZE/MODEL	Price Net (RUPEES)
1	MSQ-30 30mm 60/5A	1800	10	MSQ-60 62mm 800/5A	2500
2	MSQ-30 30mm 100/5A	1800	11	MSQ-60 62mm 1000/5A	3000
3	MSQ-30 30mm 150/5A	1800	12	MSQ-60 62mm 1200/5A	4000
4	MSQ-30 30mm 200/5A	1800	13	MSQ-100 102mm 1600/5A	5000
5	MSQ-30 30mm 300/5A	1800	14	MSQ-100 102mm 2000/5A	5500
6	MSQ-40 42mm 200/5A	2000	15	MSQ-100 102mm 3000/5A	7800
7	MSQ-40 42mm 300/5A	2000	16	MSQ-125 127mm 4000/5A	15000
8	MSQ-40 42mm 400/5A	2000	17	MSQ-125 127mm 5000/5A	17000
9	MSQ-60 62mm 600/5A	2500	18	MSQ-125 127mm 6000/5A	18000