



## Distribution Protection Instruments



# Our Company

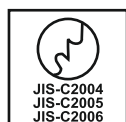
NYLEX GROUP (Est. 1966), The parent company of 8 Subsidiary companies located in India, Singapore & Sri Lanka had emerged as one of the well-known entity in the field of Electrical, Engineering & Infrastructure sectors. Founded by Mr.C.D.Shah (Chairman), today the group business has total 7 manufacturing units in India & overseas and run by its family & staff members under the guidance of the Chairman. The subsidiary companies of the group have bagged many Quality & Export Awards from EEPC INDIA (Sponsored by Government of India).

NEE COMPONENTS PVT. LTD. (A 100% subsidiary of NYLEX GROUP, INDIA.) is one of the leading Manufacturers and Exporters of *kam*<sup>®</sup> Brand Products such as Control Panel/ Switch Board Accessories, Electrical Digital Meters like Power Analyzer/ Power Factor/ KWH/ Voltmeter/ Ammeter/ Frequency Meter/ Earth Leakage Relay/ CBCT, Switch & Control Gear, Terminal Blocks, Panel Locks & Hinges, Inspection Windows, Filters, Bus Bars Supports, Mounting Rails, Comb Bus Bar, Brass Glands, Brass Neutral Bars, Earthing & Lightning Products, Copper Insulated Flexibars, Cable Lugs (Shoes) & any items of any form & material can be made as per the sample / drawing & specification. *kamlite*<sup>®</sup> brand LED Light Fittings (Street Lights, Commercial Fittings, Garden Fitting etc) & *NyFlex*<sup>®</sup> brand HDPE (Slitted & Non Slitted), PVC, Nylon Flexible Tube, GI Flexible, PVC Coated GI Flexible, & Liquid Tight Flexible Tubing, GI Conduit Pipes, Accessories. The company has own In house highly advanced manufacturing & testing facility & only procure major raw materials.

As we all know, the engineering & construction industry has been growing tremendously worldwide over the past years, so as the supporting industries like Electrical, mechanical and information technology, which are moving forward in tandem as well. Therefore, it is important that we SHOULD and MUST have a clear standard to govern the growth especially in the main supporting electrical services (e.g. switchboard) with SAFETY as a major concern. Over the years, we expanded our horizons to serve the Industry with dedication to provide our customers a comprehensive range of premium quality products. We have a Pool of Dedicated, well trained and experienced Professional design and application of electrical power engineering. They have good track records in providing an excellent pre and post sale supports to all our valued customers.

We aim to introducing to new advance and latest technologies in designing and further ensuring both quality and economy. We are confident in our acquired Certification. Our switchboard systems have been type tested for compliance to latest IEC 61439 & 60439 standards.

We are globally expanding our full array of our products. As demand dictates, though tailored, but as deemed necessary to meet unique needs of our customers as we have perfect synergy of technical expertise's to cater to wide range of clients like - Australia, Bahrain, Brazil, Cambodia, Chile, Czech Republic, Germany, Ghana, Greece, Israel, Italy, Jordan, Kenya, Malaysia, Nigeria, Peru, Poland, Saudi Arabia, Singapore, South Africa, Sri Lanka, Sweden, Vietnam, Egypt, Oman, U.A.E, etc.



# MULTIFUNCTION METER

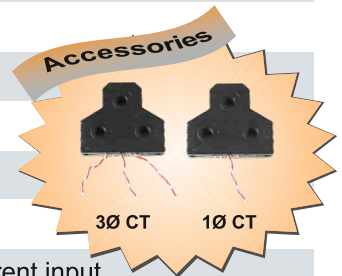


**KM 80P** (96x96)



**KM 80L** (96x96)

Description	MULTIFUNCTION METER	
<b>Model</b>	<b>KMS80P</b> (96x96)	<b>KMS80L</b> (96x96)
<b>Display</b>	7 segment LED display, 0.39"	Liquid crystal display with backlight
<b>Digits</b>	4 rows of 4 digits	4 rows of 4 digits (For parameter) 1 row of 8 digits (For energy) Bargraph for % load current
<b>Input Volts</b>	0-500VAC (L-L), 3Ø-4 Wire / 1Ø-2 Wire	
<b>Input Ampere</b>	0.015A-6.00 Ampere AC / Direct 60 Ampere optional	
<b>Resolution</b>	Energy 0.1 kWh, PF 0.001, Hz 0.01 & Auto ranging for Voltage, Current & Power	
<b>CT Primary</b>	Programmable for up to 10000A	
<b>CT Secondary</b>	1A / 5A Programmable	
<b>PT Ratio</b>	Programmable up to 132 kV	
<b>Communication</b>	RS485 Modbus (Optional)	
<b>Auxiliary Supply</b>	90 - 270VAC / DC	
<b>Burden</b>	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input	
<b>Update Time</b>	1 Sec	
<b>Scroll</b>	Auto / Manual	
<b>Parameter</b>	V <sub>LL</sub> (Individual / Average) V <sub>LN</sub> (Individual / Average), Current (Individual / Average) Phasor angle, Frequency, Power factor (Individual / Average), Phase angle, Active / Reactive / Apparent power (Individual / Total), Maximum demand (kW / kVA), Peak maximum demand (kW / kVA), Active energy, Reactive inductive energy Reactive capacitive energy, Apparent energy (Import & Export) Run hour (Import / Export & Total), THD V (Phase wise), THD I (Phase wise)	
<b>Relay Output</b>	1 C/O relay for Maximum Demand	
<b>Temperature / Humidity</b>	Operating: -10°C to 55°C, Storage: -20°C to 75°C < 95% RH	

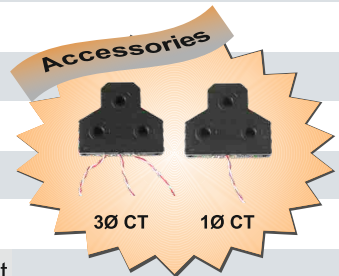




**KM 80EL** (96x96)

**KM 60** (96x96)

Description	MULTIFUNCTION METER	
<b>Model</b>	<b>KM 80EL</b> (96x96)	<b>KM 60</b> (96x96)
<b>Display</b>	Liquid crystal display with backlight	7 segment LED display, 0.56"
<b>Digits</b>	4 rows of 4 digits (For parameter) 4 rows of 8 digits (For energy)	3 rows of 4 digits
<b>Input Volts</b>	0-500VAC (L-L), 3Ø-4 Wire / 1Ø-2 Wire	
<b>Input Ampere</b>	0.015A-6.00 Ampere AC / Direct 60 Ampere optional	
<b>Resolution</b>	Energy 0.1 kWh, PF 0.001, Hz 0.01 & Auto ranging for Voltage, Current & Power	
<b>CT Primary</b>	Programmable for up to 10000A	
<b>CT Secondary</b>	1A / 5A Programmable	
<b>PT Ratio</b>	Programmable up to 132 kV	
<b>Communication</b>	RS485 Modbus (Optional)	
<b>Auxiliary Supply</b>	90 - 270VAC / DC	
<b>Burden</b>	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input	
<b>Update Time</b>	1 Sec	
<b>Scroll</b>	Auto / Manual	
<b>Parameter</b>	V <sub>L-L</sub> (Individual/Avg.) V <sub>L-N</sub> (Individual/Avg.), Current (Individual/Avg.) Phasor angle, Frequency, Power factor (Individual/Avg.), Phase angle, Active/Reactive/Apparent power (Individual/Total), Maximum demand (kW / kVA), Peak max. demand (kW / kVA), Active energy, Reactive inductive energy Reactive capacitive energy, Apparent energy (Import & Export) Run hour (Import / Export & Total), THD V (Phase wise), THD I (Phase wise)	V L-L (Phase wise), V L-N (Phase wise) Ampere (Phase wise), Hz PF (Phase wise), Active / Reactive / Apparent power (Phase wise), Active energy, Run hours, THD V (Phase wise) THD I (Phase wise)
<b>Relay Output</b>	1 C/O relay for Maximum Demand	
<b>Temperature / Humidity</b>	Operating: -10°C to 55°C, Storage: -20°C to 75°C < 95% RH	



# MULTIFUNCTION METER



## KM 83P

## KM METER

Description	1Ø VIF METER	3Ø VIF METER
Model	<b>KM 83P</b> (96x96)	<b>KM 83P</b> (96x96)
Display	7 segment LED display, 0.39"	
Digits	3 rows of 3 digits	
Input Volts	0-300VAC (L-N), 1Ø-2 Wire	0-500VAC (L-L), 3Ø-4 Wire / 1Ø-2 Wire
Input Ampere	0.05 - 6.00 Ampere AC / 60 Ampere direct optional	
Resolution	Hz 0.1 & Auto ranging for Voltage, Current & Power	
CT Primary	Programmable for up to 5000A	
CT Secondary	1 / 5A Programmable	
PT Ratio	—	
Auxiliary Supply	90 - 270VAC / DC	
Burden	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input	
Update Time	1 Sec	
Scroll	Auto / Manual	
Parameter	VL-N, Ampere, Hz, PF, Active power, Apparent power Run Hour, RPM	VL-L phase wise, VL-N phase wise, Hz, PF Phase wise Active power phase wise, Apparent power phase wise Run Hour, RPM
Temperature / Humidity	Operating: -10°C to 55°C, Storage: -20°C to 75°C < 95% RH	

**KM 84**

**KM 84D**


Description	ENERGY METER		
	<b>Model</b>	<b>KM 84</b> (96x96)	<b>*VKM 84P</b> (96x96)
<b>Display</b>	7 segment LED display, 0.39"		7 segment LED display, 0.56"
<b>Digits</b>	1 row of 8 digits (For energy), 1 rows of 4 digits (For parameter display)		4 rows of 4 digits
<b>Input Volts</b>	0-500VAC (L-L), 3Ø-4 Wire / 1Ø-2 Wire		
<b>Input Ampere</b>	0.015A-6.00 Ampere AC / 60 Ampere direct optional		
<b>Resolution</b>	Energy 0.1 kWh, PF 0.001, Hz 0.01 & Auto ranging for Voltage, Current & Power		
<b>CT Primary</b>	Programmable for up to 10000A		
<b>CT Secondary</b>	1A / 5A Programmable		
<b>PT Ratio</b>	Up to 132 kV		
<b>Communication</b>	---	*RS485 MODBUS	---
<b>Auxiliary Supply</b>	90 - 270VAC / DC		
<b>Burden</b>	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input		
<b>Update Time / Scroll</b>	1 Sec / Auto / Manual		
<b>Parameter</b>	Active energy, VL-L Phase wise, VL-N Phase wise, Hz, PF Phase wise Active, Reactive & Apparent, power phase wise, Load hours THDV Phase wise, THDI Phase wise	VL-L, VL-N Phase wise & Avg. Ampere phase wise & Avg. Hz, PF Phase wise & system, Active, Reactive & Apparent Power phase wise & Total, Active energy, Reactive inductive energy, Reactive capacitive energy Apparent energy (Mains / DG), Run hours (Mains, DG & Total)	

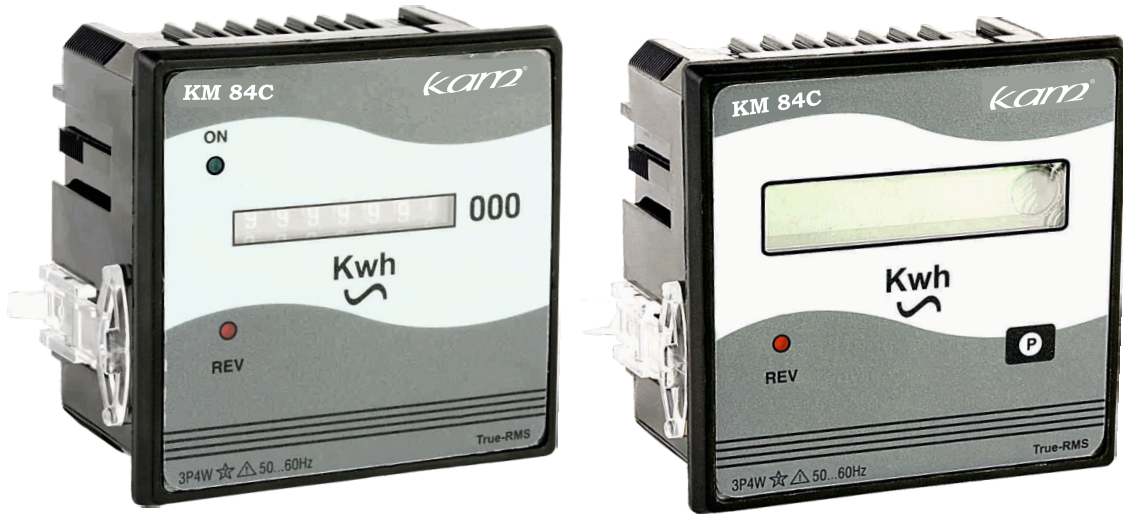
**Temperature / Humidity**

Operating: -10°C to 55°C, Storage: -20°C to 75°C &lt; 95% RH

# ENERGY METER

**KM 84C**

**KM 84L**



Description	ENERGY METER	
<b>Model</b>	<b>KM84C</b> (96x96)	<b>KM84L</b> (96x96)
<b>Display</b>	6 digit mech. counter	9 digit LCD display with backlight
<b>Digits</b>	1 row of 6 digits	1 row of 9 digits
<b>Input Volts</b>	0-500VAC (L-L), 3Ø-4 Wire / 1Ø-2 Wire	
<b>Input Ampere</b>	0.015A-6.00 Ampere AC / 60 Ampere direct optional	
<b>Resolution</b>	0.1 kWh	
<b>CT Primary</b>	Programmable up to 5000A	
<b>CT Secondary</b>	5A	
<b>PT Ratio</b>	---	
<b>Communication</b>	---	
<b>Auxiliary Supply</b>	90 - 270VAC / DC	
<b>Burden</b>	3VA Max. for Auxiliary supply,	
<b>Update Time / Scroll</b>	1 Sec / Auto / Manual	
<b>Parameter</b>	kWh	
<b>Temperature / Humidity</b>	Operating: -10°C to 55°C, Storage: -20°C to 75°C < 95% RH	

## SINGLE PHASE METER

**KM91**



**KM999**



**KM92**

Dimension : 96x96 | Panel Cutout : 92x92

Description	1Ø VOLTMETER	1Ø AMPERE METER	1Ø POWER METER
Model	<b>Km91</b> (96x96), <b>KM91P</b> (96x48)	<b>Km92</b> (96x96), <b>KM92P</b> (96x48)	<b>Km999</b> (96x96), <b>KM999P</b> (96x48)
Display	7 segment LED display, 0.56"		
Digits	4 digit 1 row		
Input Volts	0-500VAC (L-L), 0-300VAC (L-N)	---	0-300VAC (L-N)
Input Ampere		0.015 - 6.00A / Direct 60 ampere optional	
Resolution	Auto ranging, Hz 0.01	Auto ranging	Energy 0.1 kWh, PF 0.001, Hz 0.01 Auto ranging for volts / ampere & Power
CT Primary	---	Programmable up to 10000A	
CT Secondary	---	1A / 5A Programmable	
PT Ratio	Up to 132 kV	---	Up to 132 kV
Communication	RS485 Modbus (On special request)		
Burden	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input		
Update Time	1 Sec		
Scroll	Auto / Manual		
Parameter	Volts, Hz, THD V	Amps, THD I	Volts, Amps, Hz, PF, Active Power, Reactive Power, Apparent Power, Energy, THDV, THDI, Load hours
Temperature / Humidity	Operating: -10°C to 55°C, Storage: -20°C to 75°C < 95% RH		



# THREE PHASE METER

## KM88 / KM89 / KM883



Dimension : 96x96 | Panel Cutout : 92x92

Description	3Ø VOLTMETER	3Ø AMPERE METER	3Ø POWER METER
Model	<b>Km88</b> (96x96)	<b>Km89</b> (96x96)	<b>Km883</b> (96x96)
Display	7 segment LED display, 0.56"		
Digits	4 digit 1 rows		
Input Volts	0-500VAC (L-L)	---	0-500VAC (L-L)
Input Ampere	0.015 - 6.00A / Direct 60 ampere optional		
Resolution	Auto ranging, Hz 0.01	Auto ranging	Energy 0.1 kWh, PF 0.001, Hz 0.01 Auto ranging for volts / ampere & Power
CT Primary	---	Programmable up to 10000A	
CT Secondary	---	1A / 5A Programmable	
PT Ratio	Up to 132 kV	---	Up to 132 kV
Communication	RS485 Modbus (Optional)		
Burden	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input		
Update Time	1 Sec		
Scroll	Auto / Manual		
Parameter	V L-L, VL-N Phase wise & Avg. Hz, THDV Phase wise & Avg.	Ampere phase wise & Avg. THDI Phase wise & Avg.	VL-L, VL-N Phase wise & Avg, Ampere Phase wise & Avg, Hz, PF Phase wise & system, Active, Reactive, Apparent Power phase wise & Total, Energy THDV, THDI, Load Hours.
Temperature / Humidity	Operating: -10°C to 55°C, Storage: -20°C to 75°C < 95% RH		
Auxiliary Supply	90 - 270VAC / DC		

KM-108



Dimension : 122 x 122 x 86 (L x W x D mm)  
 Panel Cutout : 118 x 118 x 82 (L x W x D mm)

Description	PF / KVAR CONTROLLER
Model	KM-108
Display	7 segment LED display, 0.56"
Digits	1 row of 4 digits
Input Volts	0-500VAC (L-L), 3Ø-4 Wire
Input Ampere	0.05 - 6.00 Ampere AC
Resolution	PF 0.001
CT Primary	Programmable for up to 5000A
CT Secondary	5A
No. of Steps	4 / 6 / 8 / 12 & 16
Auxiliary Supply	415VAC (+15% -25%)
Burden	3VA Max. for Auxiliary supply, 0.2VA for Voltage & Current input
Update Time	1 Sec
Mode of Operation	Auto / Manual
Temperature / Humidity	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C, < 95% RH

## DC VOLTMETER / AMMETER

KM 91P-DC / KM 92P



Description	DC VOLTMETER	DC AMMETER
Model	<b>KM 91P-DC</b> (48x96)	<b>KM 92P</b> (48x96)
Display	7 segment LED display	
Digits	4 digits 1 row	
Auxiliary Supply	90-270 VAC/DC	
Input	0-1 V, 0-5V, 0-10 V, 0-300V, 0-1000V	0-75mV (shunt), (Shunt ratio programmable)
Accuracy	Class 1	
Resolution	Programmable / Auto Ranging	
Update Time	1 sec	
Temperature	-10 to 55 deg C	
Humidity	< 95% RH	

## KM-98P / KM-98I / KM-98



Description	DIN RAIL MOUNT EARTH LEAKAGE RELAY		
Model	KM-98P	KM-98I	KM-98
Display	Bargraph	---	---
Auxiliary Supply	90 - 270VAC/DC	240VAC, (+15% -25%)	90 - 270VAC/DC
Burden On Supply	<3 VA		
Set Point ( $I\Delta n$ )	0.03, 0.1, 0.3, 0.5, 1.0, 3.0, 5.0, 10.0, 20.0 & 30.0 Amps	30mA / 100mA / 300mA (Factory set) Any other on request	300mA to 3.0 / 1A to 10A Any other on request
Delay	0 (< 25mS for Fault current >5xIth), 60, 150, 250, 500, 800 msec, 1, 2, 5, 10, Sec	Less than 100ms	0.1 to 10 Sec Adjustable
Relay Contacts	1 Potential free contact (NO, C & NC) / 2C/O Optional (energise on trip)		
Reset	Manual		
Trip Relay	80 - 90% of Set point		
Alarm Relay	50% of Set Value (Optional)	---	---
Contact Rating	6 Amps / 230VAC / 28VDC		
Temperature	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C		
Humidity	<95% RH (non condensing)		
Dimensions	Refer diagram E on page no. 19	Refer diagram D on page no. 19	Refer diagram E on page no. 19
Mounting	Din (35 mm rail)	Din (35 mm rail) / 2 x m4 screw	Din (35 mm rail)
Input	CBCT 35/70/120/210mm ID	Inbuilt CBCT 25mm dia	CBCT 35/70/120/210mm ID (any other circular / rectangular size on request)
Special Features	CBCT open circuit detection	---	CBCT open circuit detection

# EARTH LEAKAGE RELAY

**KM-98PF / KM-98L / KM-98D**



Dimension : 96x96 | Panel Cutout : 92x92

Description	DOOR MOUNT EARTH LEAKAGE RELAY		
<b>Model</b>	<b>KM-98 PF</b> (96x96)	<b>KM-98L</b> (96x96)	<b>KM-98D</b> (96x96)
<b>Display</b>	7 segment LED display	LCD display	---
<b>Input</b>	CBCT 35/70/120/210mm ID (any other circular / rectangular size on request)		
<b>Auxiliary Supply</b>	90 - 270VAC/DC		240VAC / 110VAC, (+15% -25%)
<b>Burden On Supply</b>	<3 VA		
<b>Set Point (IΔn)</b>	0.03, 0.1, 0.3, 0.5, 1.0, 3.0, 5.0, 10.0, 20.0 & 30.0 Amps	10mA up to 12 Amps	1 - 8 Amps (Any other on request)
<b>Delay</b>	0 (< 25mS for Fault current >5xIΔn), 60, 150, 250, 500, 800 msec, 1, 2, 5, 10, Sec	0.05 to 5 Sec	0.05 to 3 Sec
<b>Relay Contacts</b>	1 Potential free contact (NO, C & NC), 2 C/O on request (energise on trip)		
<b>Reset</b>	Manual		
<b>Trip Relay</b>	80 -90% of Set point		
<b>Alarm Relay</b>	50% of Set Value (Optional)	---	
<b>Contact Rating</b>	6 Amps / 230VAC / 28VDC		
<b>Temperature</b>	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C		
<b>Humidity</b>	<95% RH (non condensing)		
<b>Special Features</b>	CBCT open circuit detection		

**KM-CBCT35, 70, 120, 210**



**Rectangular CBCT available in Customised Sizes**



**Round CBCT available in Customised Sizes**

**Common Features:**

- All ratios available to match commonly available ELR's
- Slim Design
- Light Weight
- Encapsulated CBCT
- Terminals are finger proof touch as per IEC
- Highly Cost effective
- Compact in size

**Specification:**

<b>System Voltage</b>	720 V maximum	<b>Distance Between Toroid and relay</b>	< 50 meters
<b>Insulation Voltage</b>	3kV for 1minute	<b>Operating Temperature</b>	- 20° C to 70° C
<b>System Frequency</b>	50 Hz or 60 Hz	<b>Humidity</b>	<95% RH (non condensing)
<b>Max. Permissible Current</b>	1KA continues 5KA for 1.5 Sec.	<b>Enclosure</b>	Flame retardant glass filled ABS
<b>Terminal Conductor</b>	≤ 2.5mm <sup>2</sup>	<b>Compliance with</b>	IEC 44 - 1 and IEC185
<b>Current Ratio</b>	1 / 1000, 1 / 600 any other on request	<b>Mounting</b>	Four Fixing Slots

## VOLTAGE / CURRENT RELAY

KM-VFT 01 / KM-AT 01



**KM-VFT 01**

**VOLTAGE & Hz RELAY**



**KM-AT 01**

**CURRENT RELAY**

Model	VOLTAGE & Hz RELAY	CURRENT RELAY
<b>Features</b>	<p><b>Programmable :</b> A) Under / Over Voltage B) Under/Over Frequency C) Phase Failure D) Phase Reversal E) Voltage Asymmetry F) Power ON Delay &amp; Auto Reset Time</p> <p>Configurable for 3 Phase &amp; 1 Phase system Individual Faults can be deactivated as per system requirement Programmable Delay &amp; Hysterises Auto / Manual Reset option Consistent reliability with high accuracy 3 Digit Bright Display to indicate Voltage / Hz. LED indication for healthy / faulty status</p>	<p><b>Programmable :</b> A) CT Ratio B) Under / Over Current C) Phase Fail D) Phase Reversal E) Current Asymmetry F) Starting time delay &amp; Auto reset time</p> <p>Configurable for 3 Phase &amp; 1 Phase system Individual Faults can be deactivated as per system requirement Programmable Delay &amp; Hysterises Auto / Manual Reset option Consistent reliability with high accuracy 3 Digit Bright Display to indicate Current. LED indication for healthy / faulty status</p>
<b>System</b>	3 Phase 4 wire / 1 Phase system	
<b>Burden on Supply</b>	< 3 VA	
<b>Delay</b>	0.2 Sec. to 99 Sec.	
<b>Relay Contacts</b>	1 Potential Free Contact (NO, C & NC) (De-Energise on Fault)	
<b>Contact Rating</b>	6 Amps / 230 V AC / 28 V DC	
<b>Nominal Voltage</b>	240 VAC	---
<b>Nominal Current</b>	---	5 Amps (Any other on request, 30A Direct optional)
<b>Set Point</b>	Voltage : +/- 25% of nominal, Hz : +/- 10 Hz Voltage Asymmetry : 0 - 99 V Hysteresis : 1% - 10%	10% - 120% of nominal current
<b>Accuracy</b>	Class 1	
<b>Operating</b>	-10° C to 55° C, Storage: -20° C to + 75° C	
<b>Humidity</b>	< 95% RH (non condensing)	
<b>Dimension</b>	90 x 45 x 75 mm (L x B x H)	
<b>Mounting</b>	Din (35 mm rail) / 2 x m4 screw	
<b>Weight</b>	200 gms	

## ENGINE / MOTOR PROTECTION RELAY

### KM-801 / KM83M



Dimension / Panel Cutout : 96x96 / 92x92

Description	ENGINE PROTECTION RELAY	MOTOR PROTECTION RELAY
<b>Model</b>	<b>KM-801</b> (96x96)	<b>KM83M</b> (96x96)
<b>Display</b>	7 segment LED display, 0.56"	7 segment LED display, 0.39"
<b>Digits</b>	1 row of 3 digits	4 rows of 4 digits, Bargraph for % load current
<b>System</b>		3Ø-4 Wire
<b>Auxiliary Supply</b>	8.5VDC TO 32VDC	90 - 270VAC / DC
<b>Burdon on Auxiliary</b>	<3VA	
<b>Current Input</b>	---	0.05 to 6.00 Amps
<b>Burden on CT</b>	---	<0.2 VA for Voltage & Current input
<b>Resolution</b>	---	Volts: 1V, Hz: 0.1 Hz, Amps: 0-99 : 0.1A, 100-999 : 1A, >1000 : 0.01kA
<b>Relay Contact</b>	Potential Free Contact (NO & NC) A) Alarm Relay, B) Stop / Fuel Relay (2C/O), C) Cranking Relay	1 C / O potential free contact (NO, C NC) De-energise on fault
<b>Contact Rating</b>	5 Amps / 230VAC / 28VDC	
<b>Potential Free Input</b>	A) Start, B) Emergency Stop, C) Low Oil Pressure D) High Coolant Temp. E) Low Fuel Level	
<b>Analog Input</b>	30 - 300 VAC 50 / 60 Hz for Hz Measurement	
<b>Parameter Displayed</b>	VDC, Over speed limit, No. of start attempts, Frequency	V L-L Phase wise, VL-N Phase wise Ampere Phase wise, Frequency system, Earth leakage current, Run hours
<b>Alarm</b>	Over speed, Low lube oil pressure, High coolant temp. Low Fuel level, Emergency stop, Low battery voltage	Under / Over Voltage, Voltage asymmetry, Phase loss, Phase reversal, Under / Over current, Phase loss, Current asymmetry, Under / Over frequency, locked rotor, Rotor earth fault
<b>Temperature / Humidity</b>	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C, < 95% RH	



## VOLTAGE RELAY

KM-101 / KM-102



**KM-101**  
**UV, OV & PR VOLTAGE RELAY**



**KM-102**  
**UNDER VOLTAGE RELAY  
(DELAYED RESTART)**

Description	UV / OV / PR RELAY	UNDER VOLTAGE RELAY (DELAYED, RESTART)
<b>Model</b>	<b>KM-101</b>	<b>KM-102</b>
<b>Features</b>	Consistent Reliability with High Accuracy Trip Setting through Front Panel Potentiometer Time Delay User Settable LED Indication For Healthy / Faulty Status Compact Size 17.5 mm DIN Under voltage / Over voltage / Phase reversal	Consistent Reliability with High Accuracy Time Delay User Settable LED Indication For Healthy / Faulty Status Compact Size 17.5 mm DIN Under voltage relay, delayed restart
<b>System</b>	3 Phase 4 wire/1 Phase system	
<b>Burden on Supply</b>	< 3 VA	
<b>Nominal Voltage</b>	380 / 415 / 440VAC	
<b>Delay</b>	0.2 Sec. to 30 Sec.	5 to 15min (Restart time)
<b>Set Point</b>	± 25% of Nominal voltage for UV, OV	-25% of Nominal Voltage (Factory set)
<b>Relay Contacts</b>	1 Potential Free Contact, (NO, C & NC), (De-Energise on Fault)	
<b>Contact Rating</b>	6 Amps / 230 V AC / 28 V DC	
<b>Temperature</b>	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C	
<b>Humidity</b>	< 95% RH (non condensing)	
<b>Dimension</b>	78 x 17.5 x 97 mm (L x B x H)	
<b>Mounting</b>	Din (35 mm rail)	
<b>Weight</b>	75 gms	

KM-96 / KM-97 / KM-93



**AC/DC VOLTAGE  
TRANSDUCER**



**CURRENT TRANSDUCER**



**SIGNAL ISOLATOR /  
CONVERTOR**

Description	AC/DC VOLTAGE TRANSDUCER	CURRENT TRANSDUCER	SIGNAL ISOLATOR / CONVERTOR
Model	KM-96	KM-97	KM-93
Aux. Supply	230V /110VAC 50Hz (-20% +15%)		
Burden on Aux.	< 3 VA		
Temperature	-20° C to +55° C		
Humidity	< 95% RH (non condensing)		
Accuracy	Class 1		
Response Time	0.5 Sec.		
Over Load Cap.	1.2 x rated Voltage continuous, 1.5 x rated Voltage for 10 Sec.	2 x rated Current continuous, 10 x rated Current for 10 Sec.	1.2 x rated Voltage continuous, 1.5 x rated Voltage for 10 Sec.
Isolation	2 KV (4 KV on request)		
Dimension	78x55x97mm (LxBxH)		
Mounting	Din (35 mm rail) / 2 x m4 screw		
Weight	400 gms		
Output Range	DC V	DC mA	
	0 - 1V (Burden : 1K Ω ) 0 - 5 / 1 - 5 V (Burden : 5K Ω ) 0 - 10 / 2 - 10 V (Burden : 10K Ω )	0 - 1mA (Burden : 10K Ω ) 0 - 5 mA (Burden : 2K Ω ) 0 - 10 / 2 - 10 mA (Burden : 1K Ω ) 0 - 20 / 4 - 20 mA (Burden : 500Ω )	

**KM-96 Input Range**  
AC V : 0 - 63.5 / 110 / 230  
300 / 440 / 500 V AC  
DC V : 0 - 1000VDC

**KM-97 Input Range**  
AC A : 0 - 1A, 5A (Direct)  
CTR / 1A CTR / 5A

**KM-93 Input Range**  
DC mV : 0 - 100 mV  
DC V : 0 - 1 / 5 / 10V  
DC mA : 0 - 1 / 10 / 16 / 20 mA  
4 - 20 mA  
2 - 10 mA

# P SERIES CURRENT TRANSFORMERS

## KM 30102630 / KM 30182630 / KM 40122630

### Common Features:

- Apertures accepting a wide range of busbar size.
- Easy Busbar Mounting.
- CT's are ultrasonically welded and are unbreakable.
- Terminals are finger touch proof for safety
- Highly Cost effective.
- Compact in size.

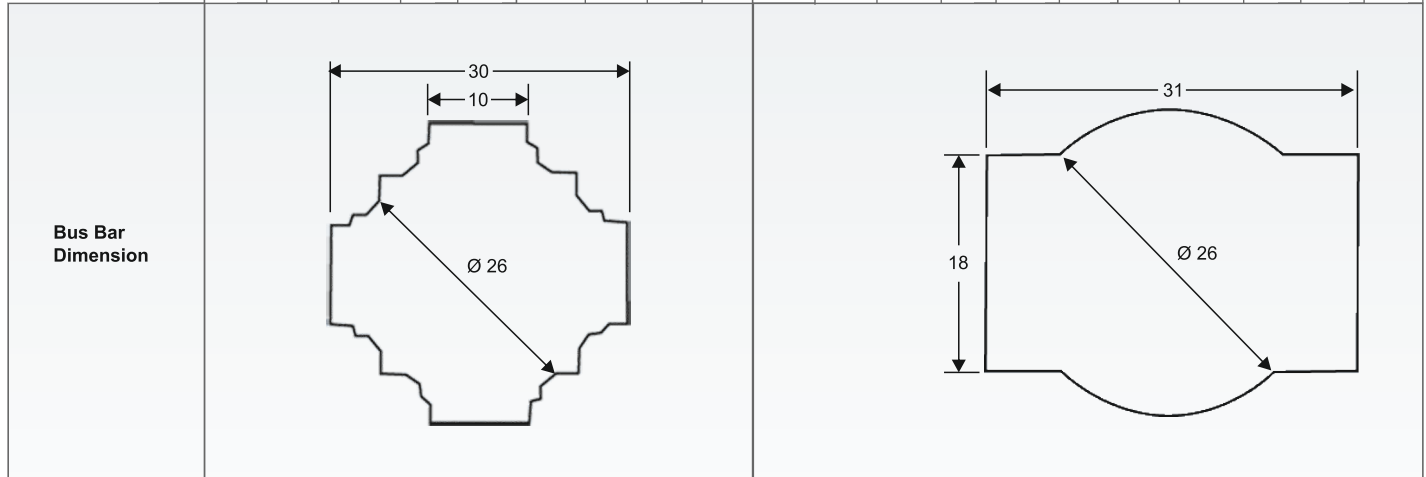
### Specification:

<b>System Voltage</b>	720 V maximum	<b>Saturation coefficient</b>	< 5
<b>Test Voltage</b>	3kV for 1minute	<b>Insulation Class</b>	Class E
<b>System Frequency</b>	50 Hz or 60 Hz	<b>Secondary terminals</b>	M5 Screw clamps
<b>Primary ratings</b>	From 200A to 3000A	<b>Operating Temperature</b>	-20° C to +70° C
<b>Secondary outputs</b>	5A is standard; 1A on request	<b>Humidity</b>	< 95% RH (non condensing)
<b>Short circuit thermal Current (Ith)</b>	60 x Rated primary current for 1 sec	<b>Enclosure</b>	Flame retardant glass filled ABS
<b>Over load withstand</b>	1.2 times rated current continuously	<b>Compliance with</b>	VE 404 and IEC185 / IEC61869
<b>Rated dynamic Current</b>	2.55 x Ith	<b>Mounting hardware</b>	Feet and Busbar screws



**Outer Dimension :**  
61 (W) x 78.5 (H) x 30 (D)

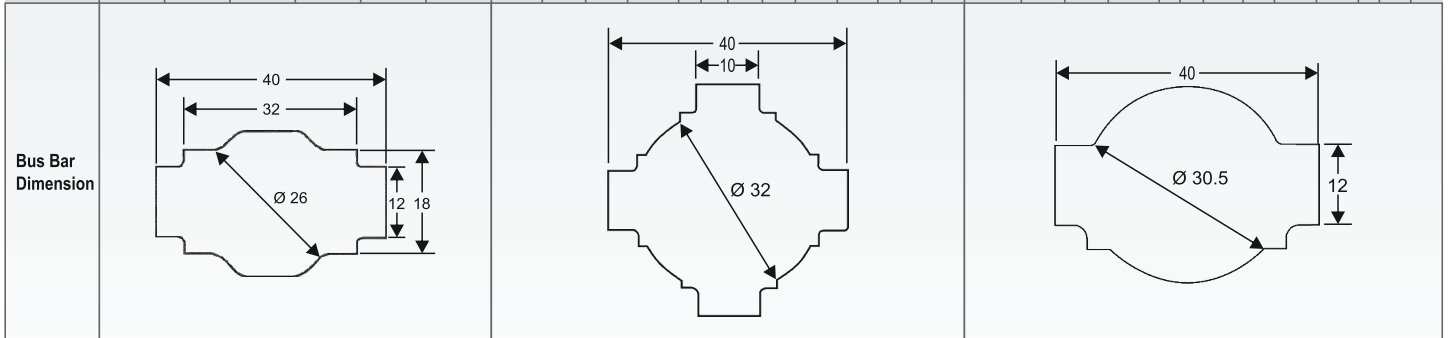
Models	KM 30102630								KM 30182630										
	Class 1				Class 0.5				Class 1				Class 0.5						
	Burden (VA)				Burden (VA)				Burden (VA)				Burden (VA)						
50/5 A	1																		
80/5		1.5	2.5							1.5	2.5								
100/5		1.5				1.5	2.5			1.5	2.5			1.5	2.5				
150/5		1.5	2.5			1.5	2.5			1.5	2.5			1.5	2.5				
200/5		1.5	2.5	5		1.5	2.5	5		2.5	5			2.5	5	10			
250/5		1.5	2.5	5	10	1.5	2.5	5	10	2.5	5	10		2.5	5	10			
300/5		1.5	2.5	5	10	1.5	2.5	5		2.5	5	10		2.5	5	10			
400/5		1.5	2.5	5	10		2.5	5	10	2.5	5	10		2.5	5	10			
500/5			2.5	5	10		2.5	5	10	2.5	5	10		2.5	5	10			
600/5		1.5	2.5	5	10	1.5	2.5	5	10	2.5	5	10	15	2.5	5	10	15		
750/5			2.5	5	10		2.5	5	10	2.5	5	10	15	2.5	5	10	15		
800/5																			



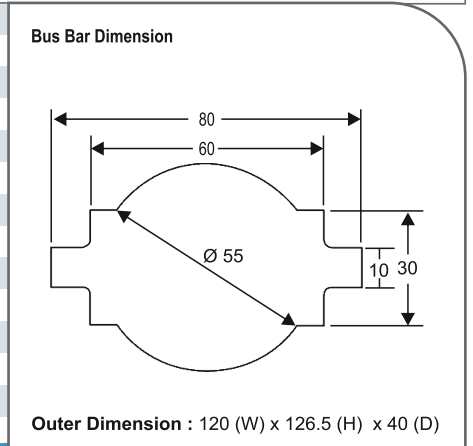


Outer Dimension :  
71 (W) x 88.5 (H) x 40 (D)

Models	KM 40122630					KM 40103240					KM 40123040					
Accuracy	Class 1					Class 1		Class 0.5			Class 1			Class 0.5		
Ratio (A)	Burden (VA)					Burden (VA)		Burden (VA)			Burden (VA)			Burden (VA)		
30/5																
40/5																
50/5						1.25	1.5					1.25	1.5			
60/5						1.25	1.5					1.25	1.5			
75/5							1.5	2.5					1.5	2.5		
80/5							1.5	2.5					1.5	2.5		
100/5	1	1.5				1.5	2.5	3.75		1.5	2.5		1.5	2.5	3.75	1.5
125/5						1.5	2.5	5								
150/5		1.5	2.5				2.5	5	10	1.5	2.5	5		1.5	2.5	5
200/5		1.5	2.5				2.5	5	10	1.5	2.5	5		2.5	5	10
250/5		1.5	2.5	5			2.5	5	10	1.5	2.5	5		1.5	2.5	5
300/5		1.5	2.5	5			2.5	5	10	15	2.5	5	10		2.5	5
400/5		1.5	2.5	5			2.5	5	10	15	2.5	5	10		2.5	5
500/5		1.5	2.5	5	10		2.5	5	10	15	2.5	5	10		2.5	5
600/5		1.5	2.5	5	10		2.5	5	10	15	2.5	5	10		2.5	5
750/5			2.5	5	10	15		5	10	15	30		5	10	15	
800/5			2.5	5	10	15		5	10	15	30		5	10	15	
								5	10	15	30		5	10	15	



Models	KM 80105580									
Accuracy	Class 1					Class 0.5				
Ratio (A)	Burden (VA)									
400/5	2.5	5				2.5	5	10		
500/5	2.5	5	10			2.5	5	10		
600/5	2.5	5	10			2.5	5	10		
750/5	2.5	5	10	15		2.5	5	10	15	
800/5	2.5	5	10	15		2.5	5	10	15	
1000/5	2.5	5	10	15	30		5	10	15	
1200/5		5	10	15	30		5	10	15	
1250/5		5	10	15	30		5	10	15	
1500/5		5	10	15	30	45		5	10	15
1600/5		5	10	15	30	45		5	10	15
2000/5			10	15	30	45		10	15	



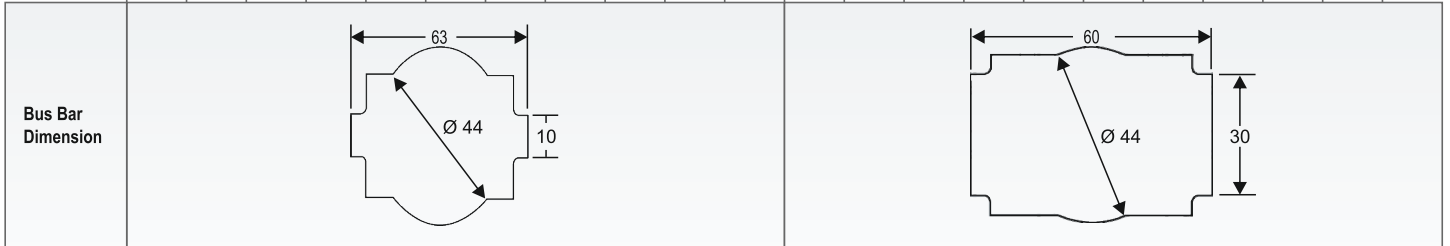
### P SERIES CURRENT TRANSFORMERS

KM 63104460 / KM 60304460 / KM 103414010 / KM 10055510



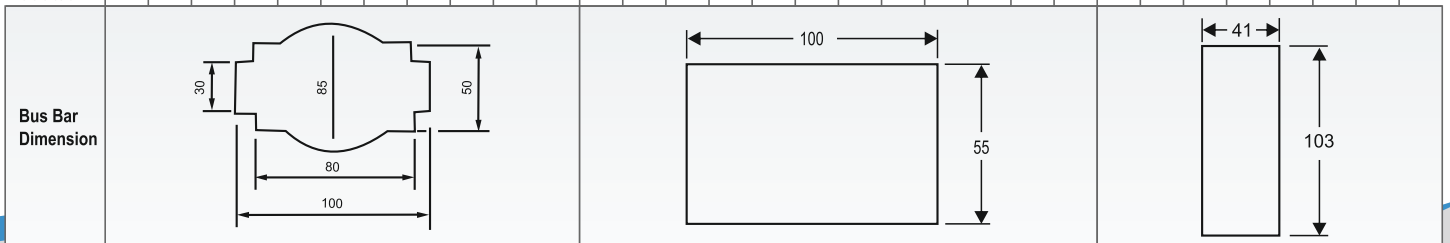
Outer Dimension :  
96 (W) x 108.5 (H) x 40 (D)

Models Accuracy Ratio (A)	KM 63104460										KM 60304460										
	Class 1					Class 0.5					Class 1					Class 0.5					
Burden (VA)																					
200/5	1.5	2.5				1.5	2.5														
250/5	1.5	2.5				1.5	2.5														
300/5	1.5	2.5	5			1.5	2.5	5						1.5	2.5				1.5	2.5	
400/5	1.5	2.5	5	10		1.5	2.5	5	10					1.5	2.5	5			2.5	5	
500/5	1.5	2.5	5	10	15		2.5	5	10	15				5	10				5	10	
600/5		2.5	5	10	15		2.5	5	10	15				5	10	15			5	10	
750/5		2.5	5	10	15		2.5	5	10	15				5	10	15			5	10	15
800/5		2.5	5	10	15		2.5	5	10	15				5	10	15			5	10	15
1000/5			5	10	15	30			5	10	15	30			5	10	15		5	10	15
1200/5			5	10	15	30			5	10	15	30			5	10	15		5	10	15
1250/5			5	10	15	30			5	10	15	30			5	10	15		5	10	15
1500/5			5	10	15	30			5	10	15	30			5	10	15		5	10	15
1600/5			5	10	15	30			5	10	15	30			5	10	15		5	10	15
1800/5														5	10	15			5	10	15
2000/5														5	10	15			5	10	15



Outer Dimension :  
129 (W) x 170 (H) x 40 (D)

Ratio (A)	KM 100308510										KM 10055510										KM 103414010									
	Class 1					Class 0.5					Class 1					Class 0.5					Class 1					Class 0.5				
Burden (VA)																														
400/5	2.5	5	10			2.5	5	10	15	30								2.5	5			2.5								
500/5	2.5	5	10			2.5	5	10										2.5	5			2.5								
600/5		5	10			2.5	5	10			2.5	5	10					2.5	5			2.5								
750/5		5	10			5	10				2.5	5	10					2.5	5			2.5								
800/5		5	10	15		5	10				2.5	5	10					2.5	5	10		5			5					
1000/5		5	10	15	30	5	10				2.5	5	10	15				2.5	5	10	15	10	15		10					
1200/5		5	10	15	30	5	10				2.5	5	10	15	30			2.5	5	10	15	10	15		10					
1250/5		5	10	15	30	5	10				2.5	5	10	15	30			2.5	5	10	15	10	15		10					
1500/5		5	10	15	30	5	10	15			2.5	5	10	15	30			2.5	5	10	15	10	15	30	15					
1600/5		10	15	30	45	5	10	15			2.5	5	10	15	30			2.5	5	10	15	10	15	30	15					
1800/5		10	15	30	45	5	10	15			2.5	5	10	15	30			2.5	5	10	15	10	15	30	15					
2000/5		10	15	30	45	5	10	15	30			2.5	5	10	15	30			2.5	5	10	15	10	15	30	15				
2400/5																														
2500/5		10	15	30	45	5	10	15	30			2.5	5	10	15	30			2.5	5	10	15	10	15	30					
3000/5																														



### Common Features:

- Apertures accepting a wide range of busbar size.
- Easy Busbar Mounting.
- CT's are ultrasonically welded and are unbreakable.
- Terminals are finger touch proof for safety
- Highly Cost effective.
- Compact in size.

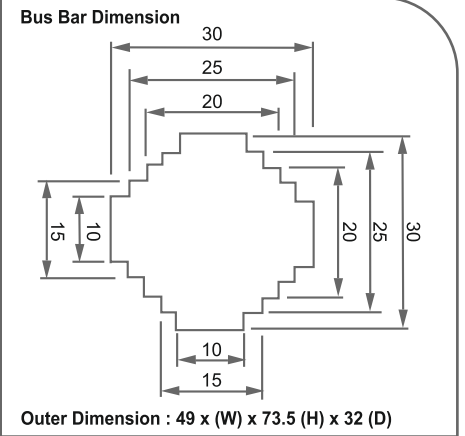
### Specification:

<b>System Voltage</b>	720 V maximum	<b>Saturation coefficient</b>	< 5
<b>Test Voltage</b>	3kV for 1minute	<b>Insulation Class</b>	Class E
<b>System Frequency</b>	50 Hz or 60 Hz	<b>Secondary terminals</b>	M5 Screw clamps
<b>Primary ratings</b>	From 50A to 4000A	<b>Operating Temperature</b>	-20° C to +70° C
<b>Secondary outputs</b>	5A is standard; 1A on request	<b>Humidity</b>	< 95% RH (non condensing)
<b>Short circuit thermal Current (Ith)</b>	60 x Rated primary current for 1 sec	<b>Enclosure</b>	Flame retardant glass filled ABS
<b>Over load withstand</b>	1.2 times rated current continuously	<b>Compliance with</b>	VE 404 and IEC185 / IEC61869
<b>Rated dynamic Current</b>	2.55 x Ith	<b>Mounting hardware</b>	Feet and Busbar screws



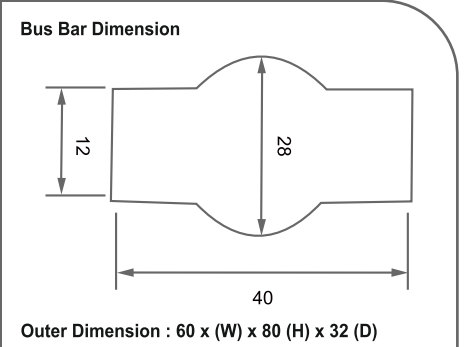
MODEL-301

MODEL	RATIO		1 VA	2.5 VA	5 VA
301-60/5A	60/5A	CLASS	3	-	-
301-75/5A	75/5A	CLASS	3	-	-
301-80/5A	80/5A	CLASS	3	-	-
301-100/5A	100/5A	CLASS	1	-	-
301-125/5A	125/5A	CLASS	1	-	-
301-150/5A	150/5A	CLASS	1	3	-
301-200/5A	200/5A	CLASS	-	1	-
301-250/5A	250/5A	CLASS	-	1	-
301-300/5A	300/5A	CLASS	-	1	3
301-400/5A	400/5A	CLASS	-	-	1
301-500/5A	500/5A	CLASS	-	-	1
301-600/5A	600/5A	CLASS	-	-	1



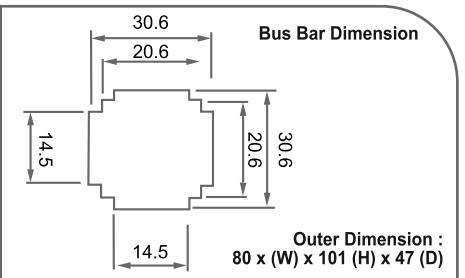
MODEL-401

MODEL	RATIO		2.5 VA	5 VA	7.5 VA
401-150/5A	150/5A	CLASS	3	-	-
401-200/5A	200/5A	CLASS	1	-	-
401-250/5A	250/5A	CLASS	1	-	-
401-300/5A	300/5A	CLASS	1	3	-
401-400/5A	400/5A	CLASS	-	1	3
401-500/5A	500/5A	CLASS	-	0.5	1
401-600/5A	600/5A	CLASS	-	0.5	1
401-750/5A	750/5A	CLASS	-	0.5	1
401-800/5A	800/5A	CLASS	-	0.5	1



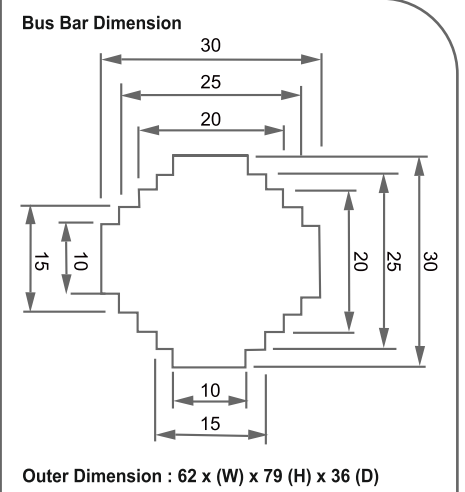
MODEL-501

MODEL	RATIO		10 VA
501-125/5A	125/5A	CLASS	0.5
501-150/5A	150/5A	CLASS	0.5
501-200/5A	200/5A	CLASS	0.5
501-250/5A	250/5A	CLASS	0.5
501-300/5A	300/5A	CLASS	0.5
501-400/5A	400/5A	CLASS	0.5



MODEL-3301

MODEL	RATIO		1.25 VA	2.5 VA	5 VA	10 VA
3301-50/5A	50/5A	CLASS	3	-	-	
3301-60/5A	60/5A	CLASS	1	-	-	
3301-75/5A	75/5A	CLASS	1	-	-	
3301-80/5A	80/5A	CLASS	1	-	-	
3301-100/5A	100/5A	CLASS	-	-	1	
3301-125/5A	125/5A	CLASS	-	-	1	
3301-150/5A	150/5A	CLASS	-	-	1	
3301-200/5A	200/5A	CLASS	-	-	1	
3301-250/5A	250/5A	CLASS	-	-	-	1
3301-300/5A	300/5A	CLASS	-	-	-	1
3301-400/5A	400/5A	CLASS	-	-	-	1
3301-500/5A	500/5A	CLASS	-	-	-	1
3301-600/5A	600/5A	CLASS	-	-	-	1
3301-750/5A	750/5A	CLASS	-	-	-	1

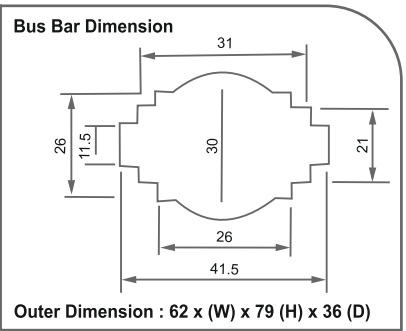


# E SERIES CURRENT TRANSFORMERS

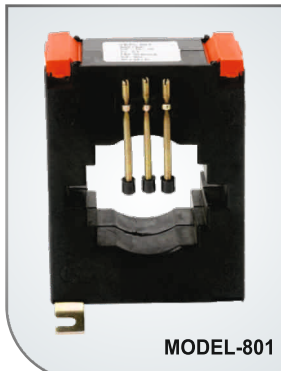
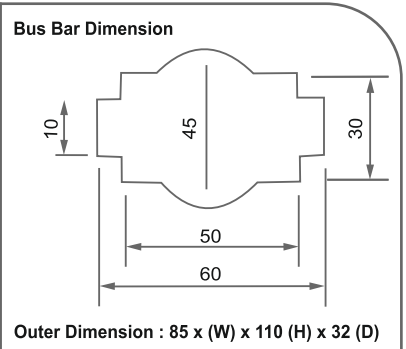
KM-4401, 601, 801, 1001, 1020



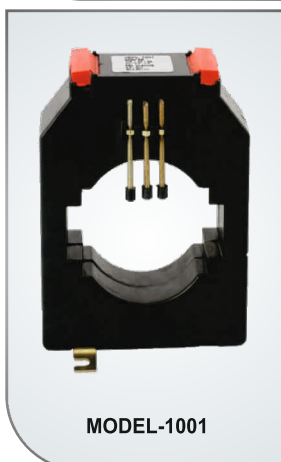
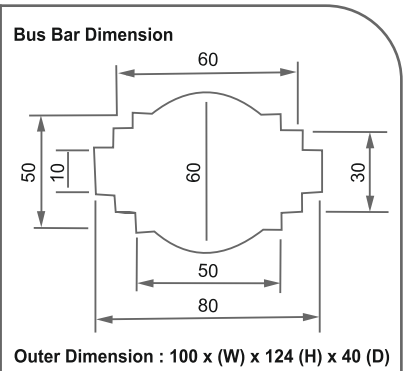
MODEL	Class 1	
	Burden (VA)	
4401-150/5A	2.5	
4401-200/5A	2.5	
4401-250/5A	2.5	
4401-300/5A		5
4401-400/5A		5
4401-500/5A		5
4401-600/5A		5
4401-750/5A		5
4401-800/5A		5



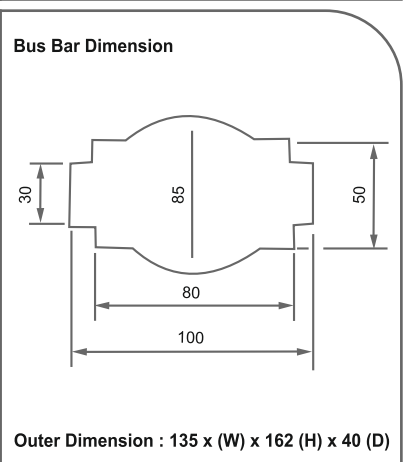
MODEL	Class 1			Class 0.5	
	Burden (VA)			Burden (VA)	
601-200/5A	2.5				
601-250/5A	2.5	5			
601-300/5A	2.5	5			
601-400/5A	2.5	5	10		
601-500/5A	5	7.5	15	10	
601-600/5A	5	10	15	10	
601-750/5A	5	10	15	10	
601-800/5A	5	10	15	10	
601-1000/5A	10	15	15	10	15
601-1200/5A	10	15	30	10	15
601-1250/5A	10	15	30	10	15
601-1500/5A	10	15	30	10	15
601-1600/5A	10	15	30	10	15



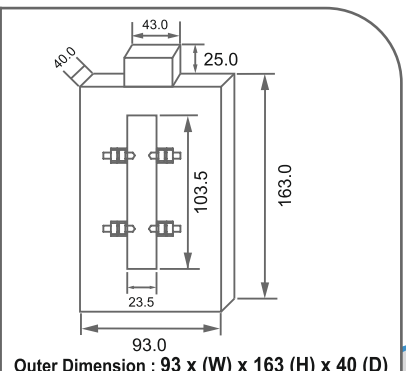
MODEL	Class 1			Class 0.5	
	Burden (VA)			Burden (VA)	
801-400/5A	2.5		5		5
801-500/5A	2.5	5	7.5		5
801-600/5A	2.5	5	10		5
801-750/5A	2.5	5	10		10
801-800/5A	5	7.5	10		10
801-1000/5A	5	7.5	10		10
801-1200/5A	5	7.5	10		10
801-1250/5A	5	7.5	10		10
801-1500/5A	5	10	15		10
801-1600/5A	5	10	15		10
801-2000/5A	5	10	15		10



MODEL	Class 1			Class 0.5	
	Burden (VA)			Burden (VA)	
1000-400/5A	5				
1000-500/5A	5				
1000-600/5A	5	10			10
1000-750/5A	5	10			10
1000-800/5A	5	10			10
1000-1000/5A	5	10		10	15
1000-1200/5A	5	10	15	10	15
1000-1250/5A	5	10	15	10	15
1000-1500/5A	5	10	15	10	15
1000-1600/5A	5	10	15	10	15
1000-2000/5A	5	10	15	10	15
1000-3000/5A	5	10	15	10	15
1000-4000/5A	5	10	15	10	15



MODEL	Class 1		Class 0.5	
	Burden (VA)		Burden (VA)	
1020-750/5A	10			10
1020-800/5A	10			10
1020-1000/5A	10			15
1020-1200/5A	10			15
1020-1250/5A	10			15
1020-1500/5A	15			15
1020-1600/5A	15			15
1020-2000/5A	15			15
1020-2500/5A	15			15
1020-3000/5A	15			15



## KM-99 SD / KM-99C / KM-99 FPR



Description	STAR DELTA TIMER	CYCLIC TIMER	FORWARD PAUSE REVERSE TIMER
<b>Model</b>	<b>KM-99 SD</b>	<b>KM-99C</b>	<b>KM-99 FPR</b>
<b>Features</b>	Consistent Reliability with High Accuracy Low Cost Run Up Time & Change Over Time User Settable LED Indication for Star & Delta relay Compact Size	Consistent Reliability with High Accuracy Low Cost Cyclic with Unequal ON & OFF Time Cyclic ON First / OFF First User Settable LED Indication for Power ON / Relay ON Compact Size	Consistent reliability with high accuracy Forward & Reverse relay Compact size
<b>Auxiliary Supply</b>	230VAC / 415 VAC, 50/60Hz & 24V AC/DC	230 VAC & 24 V AC / DC 110VAC & 240V AC / DC	
<b>Run Up Time</b>	0 - 30 / 60 Sec.	---	
<b>Change Over time</b>	50 / 100 msec.	---	
<b>Relay Contacts</b>	1 C/O Potential Free Contact (NO, C & NC) 2 C/O on request		
<b>Contact Rating</b>	5 Amps / 230VAC / 28VDC		
<b>ON / OFF Time Ranges</b>		1 / 10 Sec. / Min. / Hr.	
<b>ON Time Ranges</b>	---		1 / 2 / 4 / 8 Min.
<b>Pause Time Ranges</b>	---		10 / 20 / 40 / 80 Sec.
<b>Accuracy</b>	± 5% of full Scale		
<b>Repeatability</b>	Repeatability : ±0.5%		
<b>Reset Time</b>	<100m Sec. on power interruption		
<b>Temperature</b>	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C		
<b>Humidity</b>	< 95% RH (non condensing)		
<b>Dimension</b>	22.5 x 77 x 105 mm (W x L x H)		
<b>Mounting</b>	Din (35 mm rail) / 2 x m4 screw		
<b>Weight</b>	120 gms	130 gms	120 gms



## TIMERS

### KM-99 / KM-99 MF



#### Features

- Consistent Reliability with High Accuracy
- Low Cost
- Time Delay User Settable (4 Ranges)
- LED Indication for Power & Relay status
- Compact Size
- ON Delay / Interval Modes of Operations

#### Features

- Consistent Reliability with High Accuracy
- Low Cost
- Time Delay User Settable (4 Ranges)
- LED Indication for Power & Relay status
- Compact Size

Description	TIMER	MULTIFUNCTION TIMER
<b>Model</b>	<b>KM-99</b>	<b>KM-99 MF</b>
<b>Auxiliary Supply</b>	230VAC 50/60 Hz & 24V AC/DC, 110VAC 50/60Hz & 24V AC/DC	
<b>Relay Contacts</b>	1 C/O Potential Free Contact (NO, C & NC) 2 C/O on request	
<b>Contact Rating</b>	5 Amps / 230 V AC / 28 V DC	
<b>Time Ranges</b>	0 - 15 / 60 Sec. / 7.5 / 60 min.	0 - 1 / 3 / 10 / 30 Sec. / min. / Hr.
<b>Accuracy</b>	± 5% of full Scale	
<b>Repeatability</b>	Repeatability : ±0.5%	
<b>Reset Time</b>	<100m Sec. on power interruption	
<b>Temperature</b>	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C	
<b>Humidity</b>	< 95% RH (non condensing)	
<b>Dimension</b>	17.5 x 91 x 64 mm (W x L x H)	22.5 x 77 x 105 mm (W x L x H)
<b>Mounting</b>	Din (35 mm rail)	Din (35 mm rail) / 2 x m4 screw
<b>Weight</b>	65 gms	120 gms

## KM-TH NO / NC / KM-DTH / KM-HG

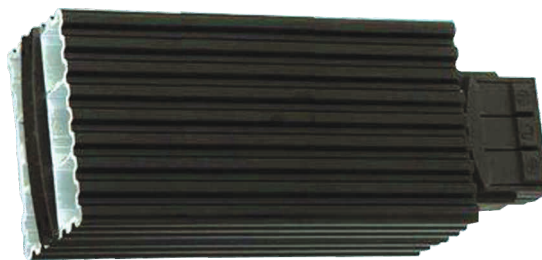


### Features

KM-TH NO / NC THERMOSTAT	KM-DTH DUAL THERMOSTAT	KM-HG HYGROSTAT
Large Setting Range, Small Size, Simple to Mount, Thermostatic Bimetal Sensor, Sharp Action Contact, Low Contact Resistance		
Available in NO / NC types	Dual NO & NC contact available	Available in 1 C/O (NO, C, NC contact)
Range : 0° C to 60° C		Range : 40 to 90% RH
Contact : 10A / 250 VAC, 15A / 120 VAC	Contact : 10A / 250 VAC, 15A / 120 VAC	Contact : 10A / 250 VAC, 15A / 120 VAC
Dimension : 60 x 33 x 43 (L x W x D mm)	Dimension : 66 x 50 x 45 (L x W x D mm)	Dimension : 66 x 50 x 38 (L x W x D mm)

## SPACE PANEL HEATER

### KM SPR-Watts



### Features

Pressure clamp connectors	Extruded Aluminium Profile, Anodised
Dynamic Heating up	PTC Resistor, Self Regulating & Temperature limiting
Temperature limiting	Clip Fixing
Wide Voltage Range	Quick Installation
Energy Saving	Available in 25, 30, 45, 60, & 75 watts

#### Our Vision :

To be a leading manufacturer and distributor of superior quality switchgears & accessories to meet the ever changing market needs and continuously add value to our key stakeholders to establish mutually beneficial relationships.

#### Our Beliefs :

Being in a highly competitive market, we are constantly seeking ways to reduce costs and improve our product quality and delivery schedules. To enhance our position as a market leader, our products are type tested by the Association of Short-circuit Testing Authorities (ASTA) & CE Compliance.

#### Our Motto :

Our top priority is to satisfy all our customer's requirement's promptly and Efficiently. Our company's belief is to remain close to the customer and listen to what they THINK and NEED, More importantly to understand their business and thus enable them to achieve their business goals.

☞ NEE Components Pvt. Ltd.

☞ PCL International

☞ Morgain Inc.

☞ VNS Switchgear (I) Pvt. Ltd.

☞ Vijayshree International

☞ VNS Manufacturing (S) Pte. Ltd.

☞ EvoGlobe Infrastructure Pvt. Ltd.

☞ ECUBE

☞ Nona Tech Pte. Ltd.

## OUR MANUFACTURING RANGE

**Kam**<sup>®</sup>

Panel Board Accessories, Cam Locks, Non Metallic Locks, Door Knobs, Hinges, Handles, Insulated Handles, Inspection Window, Mounting Rails, Filters, Buzzer, Switches, Cam Switches, Pilot Lamps, Push Buttons, Control Units, Hour Meter, Tin Copper Cables Terminals, Aluminum, Copper Bi-Metallic Cable Lugs, Analogue Meter, Ammeter/Voltmeter, Frequency Meter, Maximum Demand meter etc. Residual Current Device, Miniature Circuit Breakers, Isolating Switches, Relay and Relay Sockets, Electrical Wiring Accessories, Industrial Plugs and Sockets, Modular Fuse Carriers and Cartridges Fuses, Knife Fuse and Fuse Base, Fuse Puller / Carrier, Connection Blocks, Brass Terminals and Insulated Bus Bar, Line Tapes, Bimetal Branching Terminal, B. I. Connectors, Test Terminal Blocks, Terminal Blocks, Terminals and Connectors, C. T. Current / Voltage Transformer, Control / Current Transformer, PG Cable Glands, Bus Bar Support, Comb Bars, DDLO Fuse Link, Operating Rod, Earthing Accessories.

**NyFlex**<sup>®</sup>

HDPE (Slitted & Non Slitted), PVC, Nylon Flexible Tube, GI Flexible, PVC Coated GI Flexible, & Liquid Tight Flexible Tubing, GI Conduit Pipes, Accessories.

**Kamlite**<sup>®</sup>

LED Street Lights, Commercial Fittings, Garden Fittings, etc.





## NEE Components Pvt. Ltd.

B-804 , "O2" Commercial, Minerva Industrial Estate ,  
Opp Asha Nagar, Mulund (West), Mumbai 400 080. India.  
Tel. : 91-22-2593 1622 / 33 / 44 | Fax : 91-22-2593 1655  
Email : nylexgroup@gmail.com | Website: [www.nylexgroup.com](http://www.nylexgroup.com)