

Technical Catalogue
**NYLON
CASING**



Introduction

Brief History:

The Company was originally started as Wintek Electricals Pvt. Ltd. company as a Joint Venture with a German company in the year 2005. Thus the journey of Wintek Electricals Pvt Ltd began with a blend of technical expertise from Germany and India. With technical collaboration between the two, innovations were introduced which speak for themselves even today. With increasing demand for quality Transformers in the Indian Market, it was the need of the hour to cater to the needs of Indian market which had a large potential which was increasing twofold every month. Accordingly the bold step had to be taken and finally a completely independent company "Newtek Electricals" was formed in the year 2007 with the sole intention of introducing International Standard CTs in the Indian Market.

About Us:

We Newtek Electricals introduce ourselves as manufacturer of Instrument Transformers (CTs, PTs, COTR, MV etc.), Digital Meters (VAF, MFM, kWh, Ammeter & Voltmeter And Demand controller). Newtek Electricals is an ISO 9001:2015 certified. We are the first one to introduce Nylon Flame Retardant Casing Current Transformers(CTs)

Our product is been used in many prestigious projects in India as well as in other countries. The company has established its reputation within a short period as an innovative leader and quality manufacture by continuously upgrading technology, modernizing and manufacturing facilities and maintaining highest standards of quality and services.

Our Quality Concept:

We are dedicated towards upgrading the quality of Instrument transformers and digital meters. We share your high demands on quality, technical proficiency and services. These demands are an integral part of our company and serves as a constant reminder of tasks that we have taken as our responsibility. Every time we complete a job, we have improved our quality and that is what we are constantly striving to do.

All transformers are thoroughly tested during manufacturing process for any defects so that we can give guarantee to you to receive a quality product. Apart from all these our CTs and Meters are approved by CPRI (Central Power Research Institute, Bhopal) and ERDA (Electrical Research Development Association, Vadodara), respectively.

Domestic Customers



Overseas Customers



End Customers



Consultants

MECON Limited.	RSP Design Consultants India	Semac Consulting Engineers
AECOM (previously Spectral Services Consultants Pvt. Ltd.)	Synergy Infra Consultants Pvt. Ltd.,	Abhiyanta Electricals and Engineers Consultants
Entask Consultancy Services	J P Mukherji & Associates	Mott MacDonald
Tata Consulting Engineers	Excel Design Engineers	S. N. Joshi Consultants
C.R. Narayan Rao Consultants	Unique Consultant Services	ESKAYEM Consultants
Powertec Engineering	Kausi Consultancy Services	S. R. Associates
Avant-Garde Engineers & Consultants	Spectrum Pharmatech	Knexir Consultants Pvt. Ltd.
Satyavani Consultants	Currie Brown	Mott MacDonald
Karmaa SR Consultants Pvt. Ltd.	Unik Engineering Services	STUP Consultants Pvt. Ltd
Design Bureau	Arnita Consultants Pvt. Ltd.	Chettiar Consulting Engineers
IBI	Aevitas Pharmagro	IPS Mehtalia
Arup Consultant	Ralys Consulting Engineers	Vidyut sallagar Pvt Ltd
Lead Consultants	SYSN Consultants	CAMES
Fichtner India	Adarsha Developers	Ajit Kulkarni Consultant
Power Drive Engineers	Raj Electrical Designs	SAN Consultants
Archivista Engineering Projects Pvt. Ltd. (AEPPL)	S.M. Engineers & Consultants	Sripeksha Engineering Consultancy Services Pvt. Ltd.
Aami Associate Consulting Engineers	Convenient Construction & Consultancy Pvt. Ltd.	

Projects

Steel Project

1. BSPL, Bhilai
2. JSW Steel, (Bellary, Dolvi)
3. JSPL, Tamnar
4. BSRM ,Bangladesh
5. Sohar Steel, Oman
6. Electrosteel Steels Ltd, Bokaro
7. SLR Metalliks, Hospet
8. Kalyani Garuda, Raichur
9. Durgapur Steel Plant
10. Vedanta Steel

Power Segment

1. Adani, Baroda
2. JSPL, Tamnar
3. BARC, Tarapur
4. Banjrang power, Raipur
5. LVDCO_Micro Grid, Vadodara
6. Adani Power, Andhra Pradesh
7. TATA Power, Mumbai
8. Duragapur Steel Thermal Power Station, Durgapur

Petroleum

1. HPCL, Sugauli
2. Indian Oil Tank, Bhogat
3. IOCL, Ennore, Chennai
4. IOCL, Trisundi
5. BPCL, Mumbai
6. JBF Petrochemicals Ltd, Mangalore
7. TEXOL IOCL - Anaka Schalttafel, Faridabad

Chemical

1. Safe Water Chemicals,Kuwait
2. Kalpataru Organics, Sarigam
3. Virchows Lab,Hyderabad
4. Hikal Ltd, Hyderabad
5. Amoli Organics, Vapi

Metro

1. Chennai Metro Rail Ltd, Chennai
2. Bengaluru Metro Rail Ltd, Bengaluru
3. Hyderabad Metro Rail Ltd, Hyderabad
4. Kochi Metro Rail Ltd, Kochi
5. Nevi Mumbai Metro, Mumbai
6. Nagpur Metro, Nagpur

Government

1. MTRDC, Bhopal
2. PWD, Bhopal
3. BHEL Site Office, Ranchi

Beverages

1. Coca Cola, Varanasi
2. Carlsberg, Aurangabad

Infrastructure

1. Cinapolis, Patna
2. Magarpatta City, Pune
3. Bagmane Garnet, Bangalore
4. Mantri Developers, Bangalore
5. Arshiya International Ltd,
6. Mumbai Int Airport, Mumbai
7. Sungard Solutions Pvt Ltd, Mumbai
8. K. Raheja Corp.
9. Lodha Group, Mumbai
10. Runwal Bliss, Mumbai
11. Synergy Infra consultants-new building, Hyderabad

Industrial

1. Asian Paints, Ankaleshwar
2. DMIC, Aurangabad
3. INA Bearings India Pvt Ltd, Pune
4. Polycab Cables, Vadodara
5. Diamond Cables, Vadodara
6. Cosmo Films, Vadodara
7. Perkins India Pvt. Ltd., Aurangabad
8. Endurance Technologies Ltd.
9. LG Electronics, Ho Chi Minh
10. Daikin, Ho Chi Minh

IT

1. Mahindra Satyam
2. Cyber City, Hyderabad
3. Cybermotion, Hyderabad
4. TCS Yantra Park, Mumbai
5. Wipro Data Center, Hyderabad
6. Trinity Software Solution,Hyderabad
7. HCL, Madurai
8. Shell IT Centre, Bangalore
9. Intel, Ho Chi Minh

Textile

1. Welspun India Ltd
2. Bhilosa, Silvasa
3. Mathura Inds, Valsad
4. Creative Textile, Balitha
5. Santham Textile, Silvasa
6. Subam Textiles, Coimbatore
7. Vardhman Textiles, Ludhiana
8. Kirloskar Toyota Textile Machinery

Cement Project

1. ACC Cement, Vizag
2. Century Cement, Raipur
3. Birla Cement, Chittorgarh
4. Aditya Cement, Chittorgarh
5. Sagar Cement, Hyderabad

Malls

1. Patna Malls, Patna
2. Footpark Mall, Indore
3. Lotus Mall, Bangalore
4. Magarpatta Mall, Pune
5. Shoppers Stop, (Mumbai, Bhopal)
6. Best Price, Aurangabad

Electricity Board

1. TNEB Cogen, Chennai
2. CSPDCL
3. MPMKVCL, Bhopal & Gwalior

Polyester

1. Garware Polyesters Ltd, Aurangabad
2. Wellknown Polyesters Ltd, Daman

Telecom

1. Reliance JIO, Mumbai
2. Reliance Communication, Mumbai
3. Reliance 4G, Mumbai
4. Tata Communication, Bangalore

Submarine Project

1. VALE Project, Brazil

Defence

1. HAL, Bangalore

Sugar

1. Enpro Sugars, Rohtak
2. Daund Sugars, Rohtak
3. Renuka Sugars, Brazil
4. Mumias Sugar, Kenya
5. Shiraguppe Sugar,Rohtak
6. Mylar Sugars, Bangalore
7. White Nile Mill House, Sudan
8. Rohtak & Enpro Sugars,Rohtak
9. Lokmangal Mauli India Ltd, Osmanabad
10. Chamundeshwari Sugars, Hassan

Pharmaceuticals

1. Mylan Ltd, Hosur
2. Emami Limited, Mumbai
3. Almelo Chemicals, Hyderabad
4. MSN Laboratories, Hyderabad
5. GlaxoSmithKline, Chandigarh
6. Ranbaxy, Chandigarh
7. Sun Pharma, Vadodara
8. Macleods Pharma, Daman
9. Lupin, Indore

Automobile

1. ARAI, Pune
2. ESSAR, Mumbai
3. VHCL, Umbergaon
4. Mahindra Vehicle, Chakan
5. Woco Motherson, Gandhidham
6. VE Commercial Vehicles, Pithampur
7. Honda Motorcyle & Scooters India, Narsapura

Hotel

1. Silver Tower
2. Hotel Grand Haytt, Goa
3. Le Meridien, Coimbatore
4. Hotel Lotus Midtown, Mumbai
5. AIIMS, Delhi

Shipyard

1. Cochin Shipyard, Cochin
2. Bharti Shipyard, Mumbai
3. Hindustan Shipyard, Vizag
4. ABG Shipyard, Cochin
5. Goa Shipyard, Vosco Da Gama

Educational

1. Rajiv Gandhi College, Chandigarh
2. Karpagam Medical College, Coimbatore

Pulp & Paper Mill

1. PT Pindo, Indonesia
2. Subam Papers

Banking

1. ICICI Bank, Chandivali
2. Bank of India, Mumbai
3. Deutsche Bank, Mumbai
4. SBI Data Center, Hyderabad

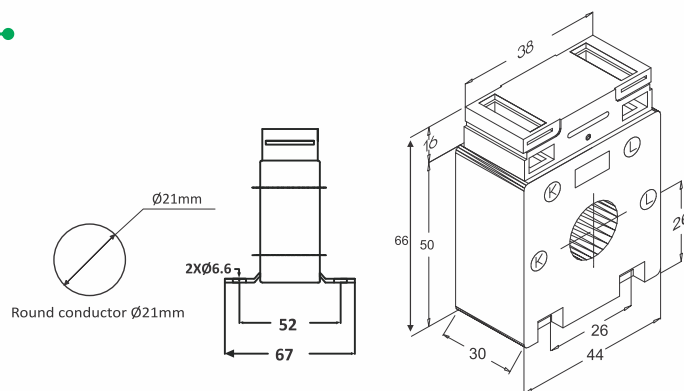
Energy

1. Alstom, Vadodara
2. Bharat Bijli, Airoli
3. Cummins, Pune
4. Kirloskar, Saswad
5. Haldia Energy Ltd

Products

Window Type Current Transformer

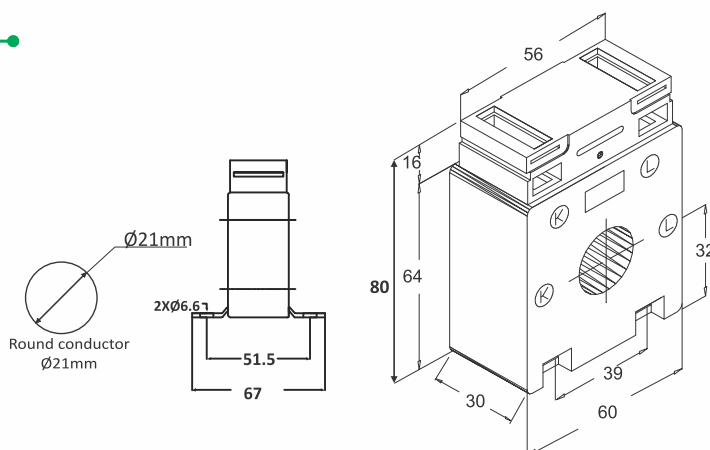
NE R21



NE R21	Sec - 5A Max. VA	Sec - 1A Max. VA
Primary Current	Class- 1.0	Class- 1.0
80	1	-
100	2.5	2.5
125	2.5	2.5
150	3.75	3.75
200	5	5
250	5	-
300	5	-

44(L)X66(H)X30(T)

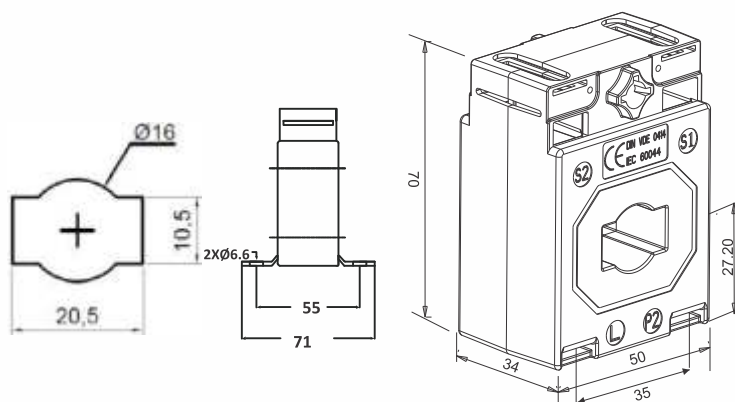
NE MR21



NE MR21	Sec - 5A Max. VA	Sec - 1A Max. VA
Primary Current	Class - 0.5	Class - 1.0
50	-	1
60	-	1.25
75	-	2.5
80	-	3.75
100	-	5
125	2.5	5
150	2.5	7.5
200	5	10
250	5	10
300	7.5	10
400	7.5	10
500	-	10

60(L)X80(H)X30(T)

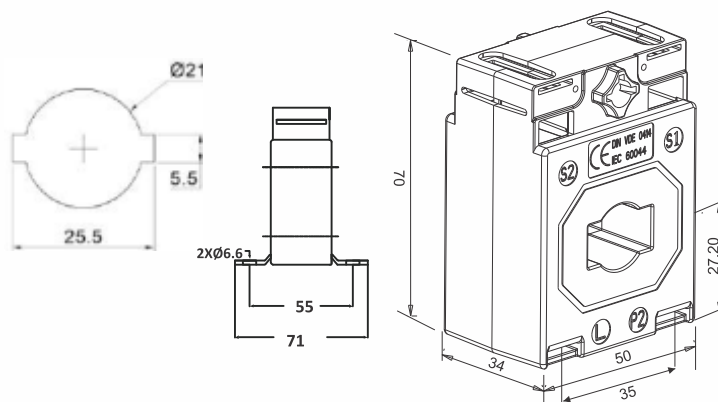
NE 210S



NE210S	Sec - 5A Max. VA	Sec - 1A Max. VA
Primary Current	Class 1.0	Class 1.0
50	1	-
60	1.25	1.25
75	2.5	2.5
100	3.75	3.75
120	5	3.75
125	5	5
150	7.5	5
200	7.5	5
250	10	-
300	10	-

50(L)X70(H)X34(T)

NE 255S

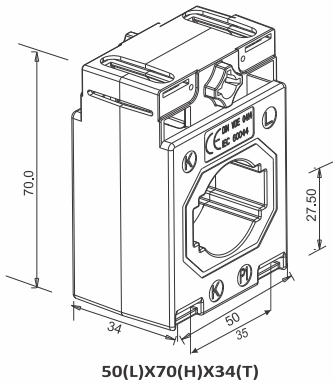
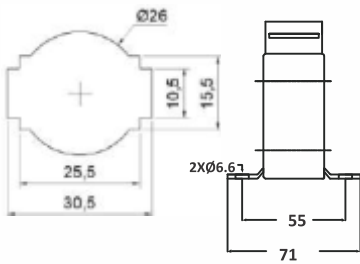


NE255S	Sec - 5A Max. VA
Primary Current	Class 1.0
75	1
80	1.5
100	2.5
125	3.75
150	5
200	7.5
250	7.5
300	7.5

50(L)X70(H)X34(T)

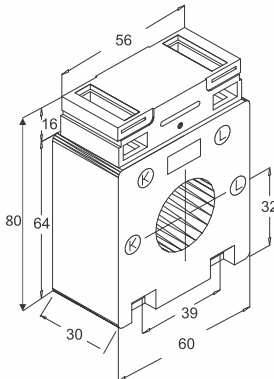
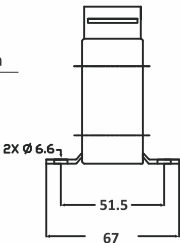
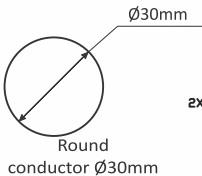
All Dimensions are in "mm"

NE 310S



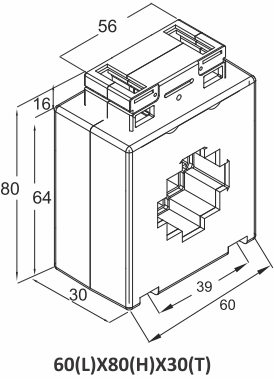
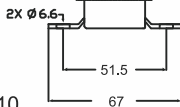
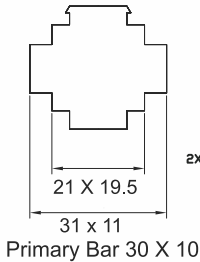
NE310S	Sec - 5A	
	Max. VA	
Primary Current	Class 1.0	
100	2.5	
120	2.5	
125	2.5	
150	3.75	
200	5	
250	5	
300	5	
400	5	

NE 3R30



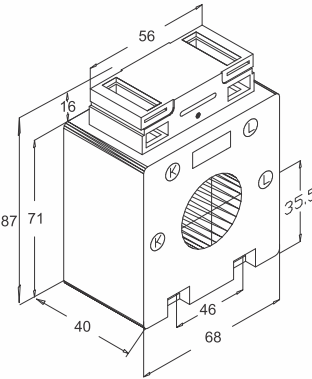
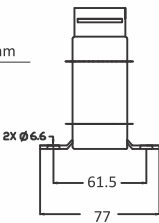
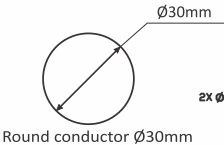
NE 3R30	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
100	-	2.5	2.5
125	-	2.5	2.5
150	1.5	5	5
200	2.5	5	5
250	5	7.5	7.5
300	5	10	7.5
400	10	10	10
500	10	10	-
600	-	10	-

NE 310



NE 310	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
100	-	2.5	2.5
125	-	2.5	2.5
150	-	5	5
200	2.5	5	5
250	5	7.5	7.5
300	5	10	7.5
400	7.5	10	7.5
500	10	10	-
600	-	10	-

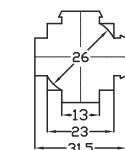
NE 4R30



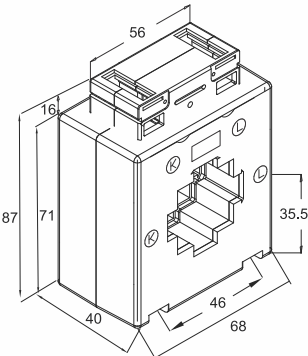
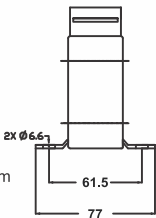
NE 4R30	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
75	-	1.5	1
80	-	2.5	2.5
100	-	5	5
125	-	5	5
150	2.5	10	10
200	5	15	10
250	5	15	15
300	10	15	15
400	10	15	15
500	15	15	-
600	15	15	-

All Dimensions are in "mm"

NE 4B312



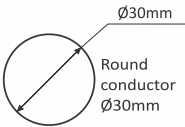
Round conductor Ø26mm
Primary bar 30x10mm



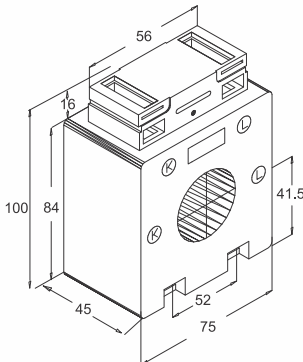
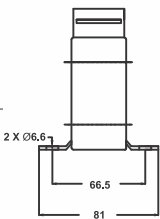
68(L)X87(H)X40(T)

NE 4B312	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
75	-	1.5	-
80	-	1.5	-
100	-	5	5
125	-	5	5
150	2.5	7.5	5
200	5	10	10
250	5	15	10
300	10	15	15
400	10	15	15
500	15	15	-
600	15	15	-

NEM 5R30



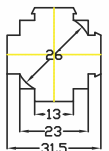
Round conductor Ø30mm



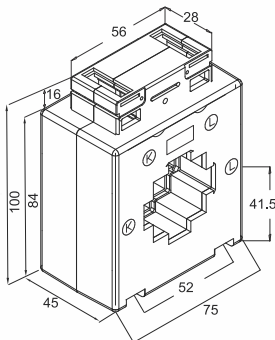
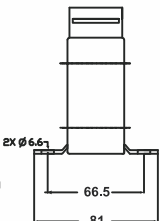
75(L)X100(H)X45(T)

NEM 5R30	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
60	-	1.25	-
75	-	2.5	-
80	-	5	-
100	-	7.5	5
125	3.75	10	5
150	5	15	7.5
200	10	15	10
250	10	15	15
300	10	15	15
400	10	15	15
500	10	15	-
600	10	15	-

NEM 5B312



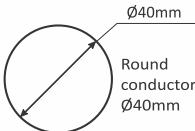
Round conductor Ø26mm
Primary bar 30x10mm



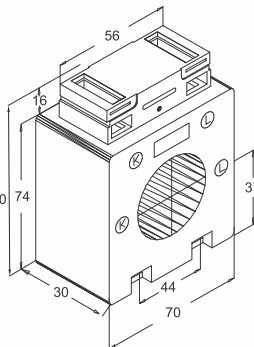
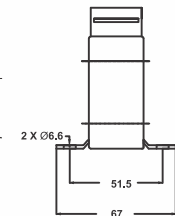
75(L)X100(H)X45(T)

NEM 5B312	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
60	-	1.5	-
75	-	2.5	-
80	-	5	-
100	-	7.5	5
125	3.75	10	5
150	5	15	10
200	10	15	10
250	10	15	15
300	10	15	15
400	10	15	15
500	10	15	15
600	10	15	15

NE 4R 40



Round conductor Ø40mm

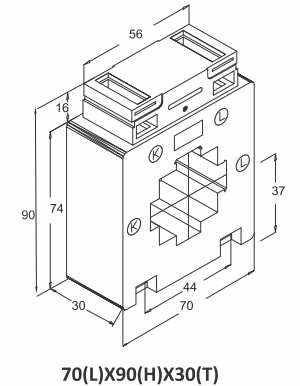
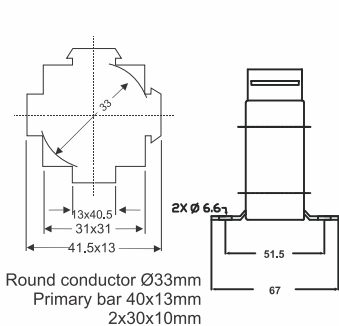


70(L)X90(H)X30(T)

NE 4R40	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
150	-	1.5	1.5
200	-	5	5
250	2.5	5	7.5
300	5	7.5	7.5
400	10	10	10
500	10	10	10
600	-	10	-
630	-	10	-
750	-	10	-
800	-	10	-

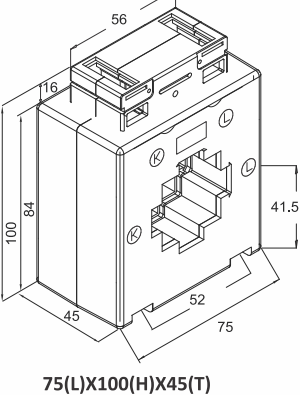
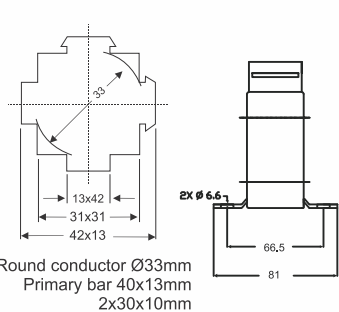
All Dimensions are in "mm"

NE 412



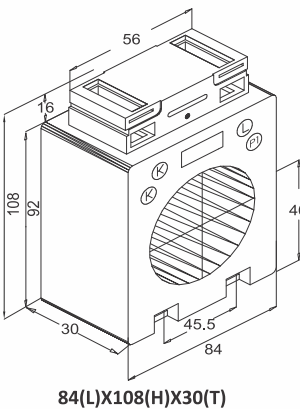
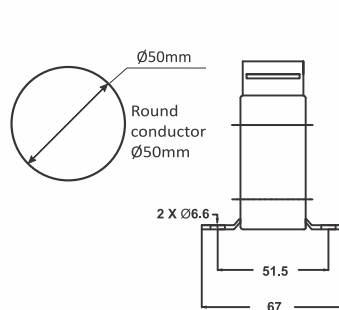
NE 412	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
150	-	1.5	1.5
200	-	5	5
250	2.5	5	7.5
300	5	7.5	7.5
400	10	10	10
500	10	10	10
600	5	10	-
630	5	10	-
750	5	10	-
800	5	10	-

NEM 5B412



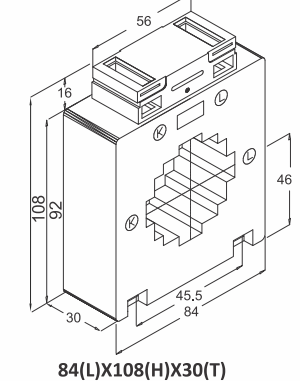
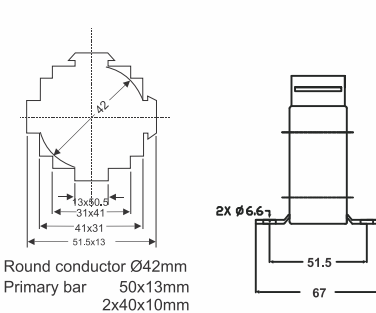
NEM 5B412	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
100	-	2.5	-
125	-	5	5
150	2.5	7.5	7.5
200	5	15	10
250	10	15	10
300	10	15	15
400	10	15	15
500	10	15	15
600	10	15	15

NE 5R 50



NE 5R50	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
125	-	1.25	-
150	-	1.5	-
200	-	5	5
250	2.5	7.5	5
300	5	10	10
400	10	15	10
500	10	15	15
600	10	15	15
630	15	15	15
750	15	15	15
800	15	15	15
1000	15	15	15
1250	15	15	15
1500	-	15	-

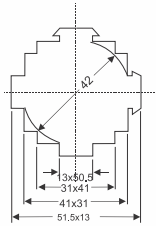
NE 512



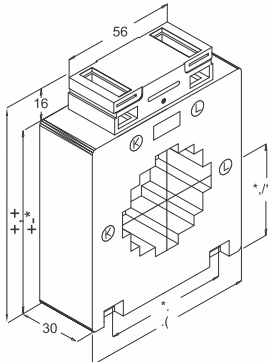
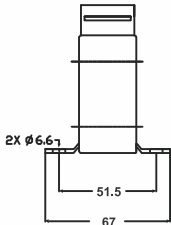
NE 512	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
125	-	1.25	1.5
150	-	1.5	1.5
200	-	5	5
250	2.5	7.5	5
300	5	10	10
400	10	15	10
500	10	15	15
600	10	15	15
630	10	15	15
750	15	15	15
800	15	20	15
1000	20	20	15
1250	20	20	-
1500	20	20	-

All Dimensions are in "mm"

'%()*+,



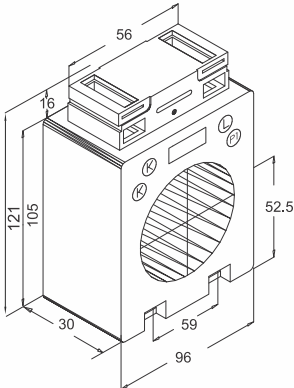
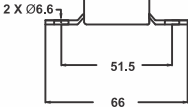
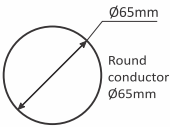
Round conductor Ø42mm
Primary bar 50x13mm
2x40x10mm



96(L)X121(H)X30(T)

NE 6R512	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
125	-	5	-	3-75
150	2.5	7.5	-	5
200	5	10	2.5	7-5
250	7.5	15	5	10
300	10	15	7.5	15
400	15	15	15	15
500	15	15	15	15
600	15	20	15	20
630	15	20	15	20
750	15	20	15	20
800	20	20	20	20
1000	20	20	20	20
1250	20	20	-	-
1500	20	20	-	-
1600	20	20	-	-

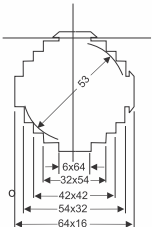
NE 6R 65



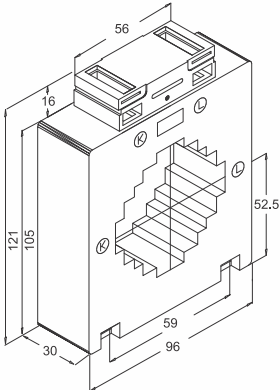
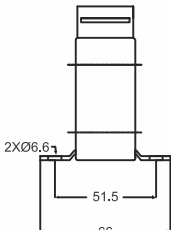
96(L)X121(H)X30(T)

NE 6R65	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
200	-	2-5	2-5
250	-	5	5
300	5	5	5
400	5	10	7.5
500	10	15	10
600	15	15	15
630	15	15	15
750	15	15	15
800	15	15	15
1000	15	20	15
1250	15	20	15
1500	15	20	15
1600	15	20	15
2000	15	20	-

NE 615



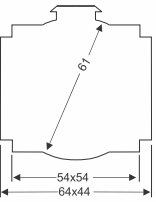
Round conductor Ø 53mm
Primary Bar 60X15mm
2X50X10mm
40X40mm



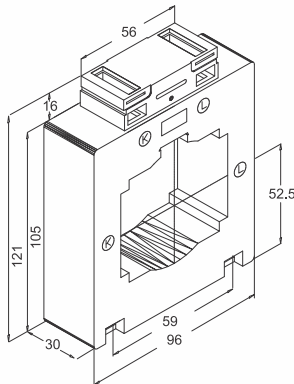
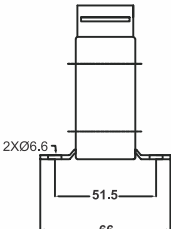
96(L)X121(H)X30(T)

NE 615	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
200	-	2.5	2.5
250	-	5	5
300	5	5	5
400	5	10	7-5
500	10	15	10
600	15	15	15
630	15	15	15
750	15	15	15
800	15	15	15
1000	15	20	15
1250	15	20	15
1500	15	20	-
1600	15	20	-
2000	15	20	-

NE 640



Round conductor Ø 61mm
Primary Bar 60X40mm
50X50mm

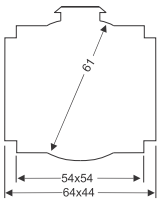


96(L)X121(H)X30(T)

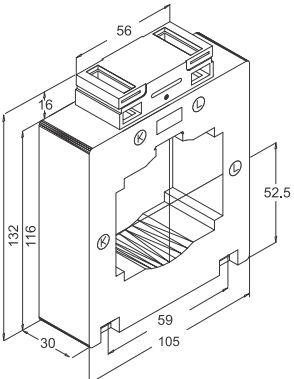
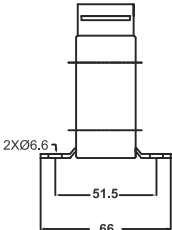
NE 640	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
250	-	2.5	2.5
300	-	5	5
400	2.5	7.5	5
500	5	10	10
600	10	15	15
630	10	15	15
750	10	15	15
800	15	15	15
1000	15	15	15
1250	15	15	-
1500	15	15	-
1600	10	15	-

All Dimensions are in "mm"

'%0)(1-



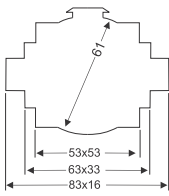
Round conductor Ø 61mm
Primary Bar 60X40mm
50X50mm



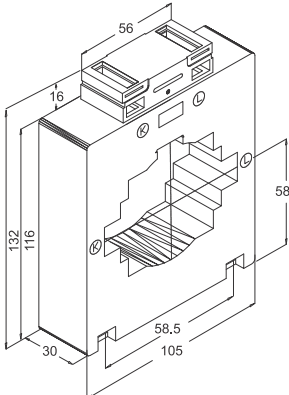
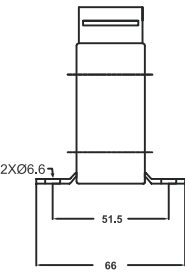
105(L)X132(H)X30(T)

NE 88640	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
150	-	2.5	-	2.5
200	-	5	-	5
250	5	7.5	5	7.5
300	7.5	10	7.5	10
400	10	15	10	15
500	15	15	15	15
600	15	15	15	15
630	15	15	15	15
750	15	15	15	15
800	15	15	15	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	-	-
2000	15	15	-	-

NE 815



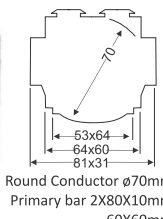
Round Conductor Ø 61mm
Primary bar 80X15mm
2X60X10mm
3X50X10mm



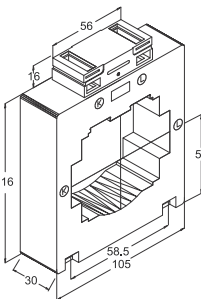
105(L)X132(H)X30(T)

NE 815	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
400	-	3.75	3.75	3.75
500	-	7.5	7.5	7.5
600	5	10	10	10
630	5	10	10	10
750	7.5	10	10	10
800	7.5	10	10	10
1000	15	15	15	15
1250	15	15	15	15
1500	15	15	15	15
1600	15	15	15	15
2000	-	10	-	-

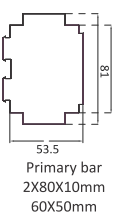
NE 830H/NE 830V



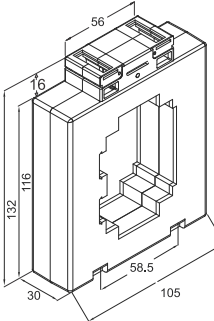
Round Conductor Ø 70mm
Primary bar 2X80X10mm
60X60mm



NE 830H



Primary bar
2X80X10mm
60X50mm

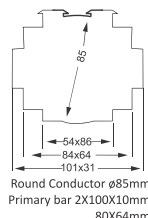


NE 830 V

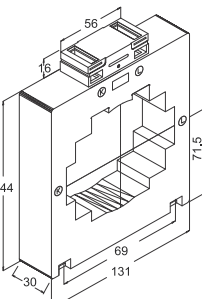
105(L)X132(H)X30(T)
131(L)X160(H)X30(T)

NE 830H / NE 830V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
400	-	3.75	3.75	3.75
500	-	7.5	7.5	7.5
600	5	10	10	10
630	5	10	10	10
750	5	10	10	10
800	7.5	10	10	10
1000	10	15	-	-
1250	10	15	-	-
1500	10	15	-	-
1600	10	15	-	-

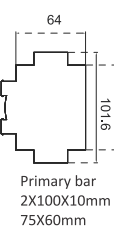
NE 1030H/NE 1030V



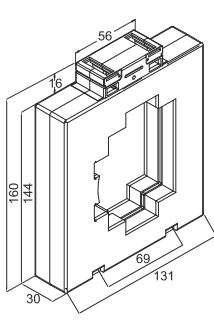
Round Conductor Ø 85mm
Primary bar 2X100X10mm
80X64mm



NE 1030H



Primary bar
2X100X10mm
75X60mm

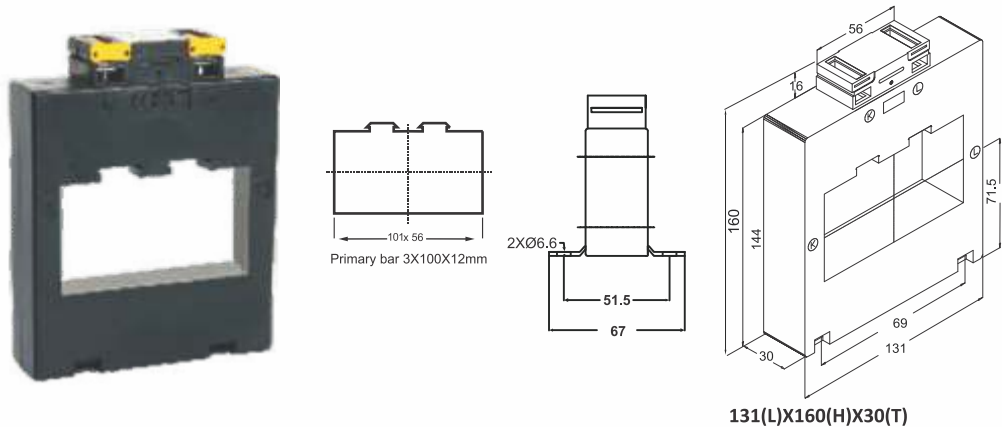


NE 1030 V

NE 1030H/ NE 1030V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	-	10	7.5	7.5
630	-	10	7.5	7.5
750	5	10	10	10
800	7.5	10	10	10
1000	10	15	10	10
1250	15	15	10	10
1500	15	15	10	10
1600	15	15	15	15
2000	15	20	15	15
2500	15	20	15	15
3000	15	20	-	-

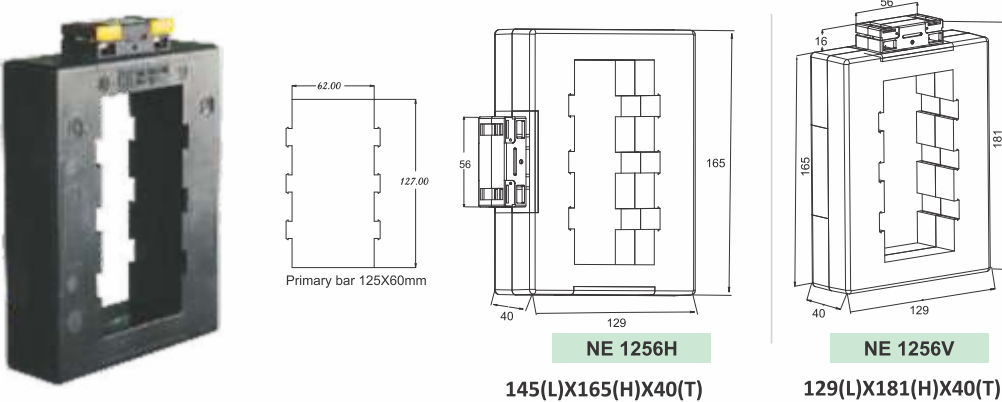
All Dimensions are in "mm"

NE 1056



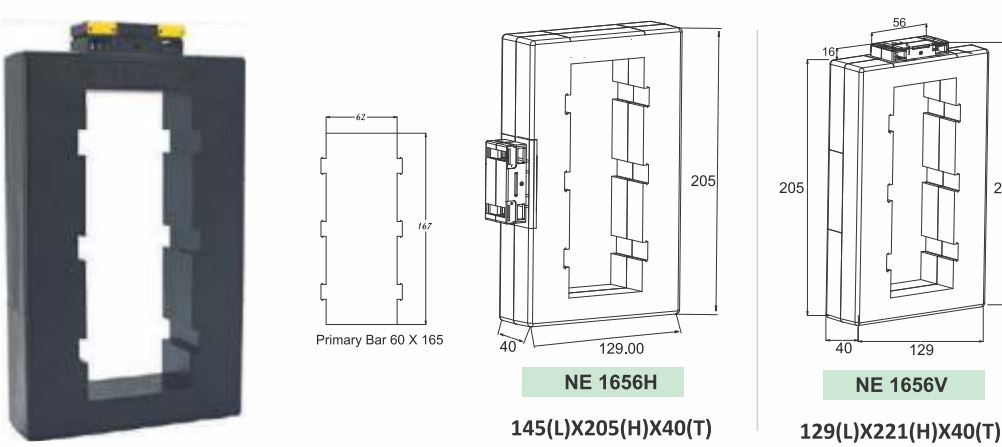
NE 1056	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
600	-	10	-
630	-	10	-
750	5	10	-
800	7.5	10	-
1000	10	10	10
1250	15	15	15
1500	15	15	15
1600	15	15	15
2000	15	15	-
2500	15	15	-
3000	-	15	-

NE 1256H/NE 1256V



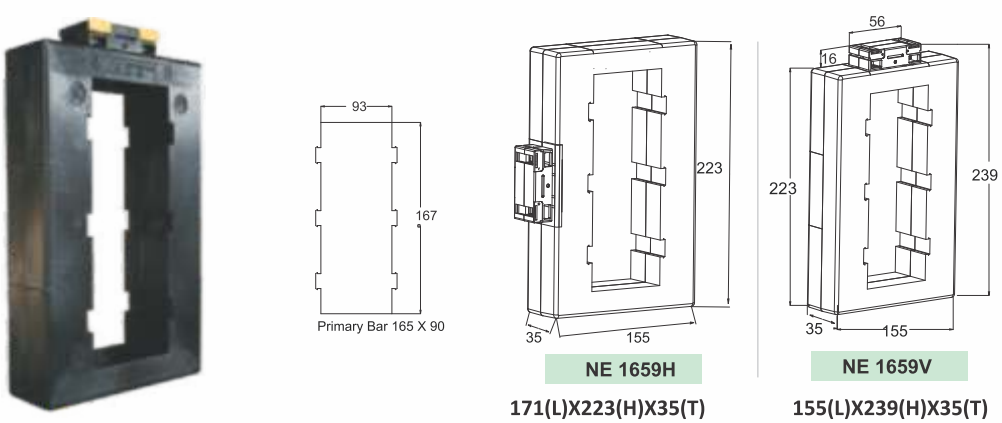
NE 1256H/ NE 1256V	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
600	-	10	10
630	-	10	10
750	5	15	15
800	7.5	15	15
1000	15	20	15
1250	15	20	15
1500	15	20	15
1600	15	20	15
2000	15	20	20
2500	15	20	20
3000	15	20	20
3200	15	20	20

NE 1656H/NE 1656V



NE 1656H/ NE 1656V	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
600	-	10	10
630	-	10	10
750	-	15	15
800	10	15	15
1000	15	15	20
1250	15	15	20
1500	15	15	20
1600	15	15	20
2000	15	20	20
2500	15	20	20
3000	15	20	20
3200	15	20	20
3500	15	20	20
4000	15	20	20
5000	-	20	-

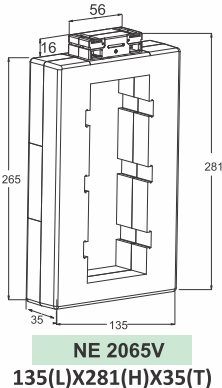
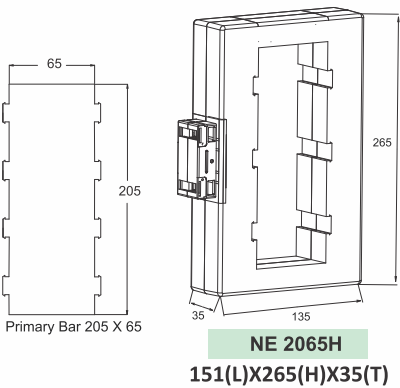
NE 1659H/ NE 1659V



NE 1659H/ NE 1659V	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 1.0
800	-	15	-
1000	15	15	-
1250	15	15	20
1500	15	15	20
1600	15	20	20
2000	15	20	20
2500	15	20	20
3000	15	20	20
3200	15	20	20
3500	15	20	20
4000	15	20	20
5000	15	20	20
6000	15	20	-

All Dimensions are in "mm"

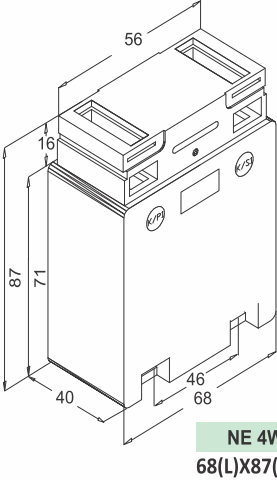
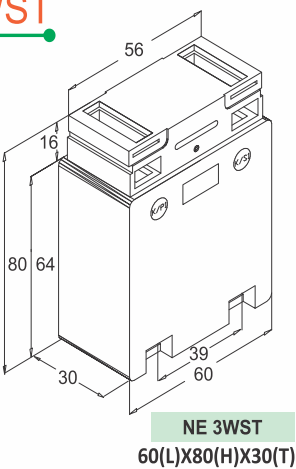
NE 2065H/ NE 2065V



NE 2065H/ NE 2065V	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class-0.5	Class- 1.0	Class- 1.0
800	-	15	-
1000	15	15	20
1250	15	15	20
1500	15	15	20
1600	15	15	20
2000	15	15	20
2500	15	20	20
3000	15	20	20
3200	15	20	20
4000	15	20	20
5000	15	20	20
6000	15	20	-

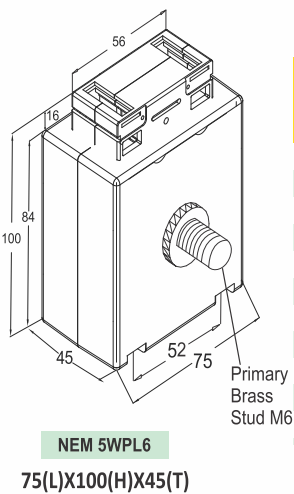
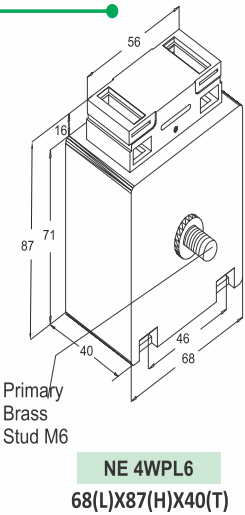
WOUND PRIMARY CURRENT TRANSFORMERS

NE 3WST/NE 4WST



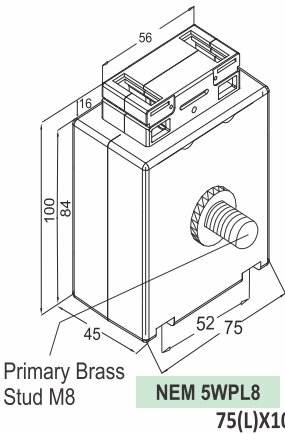
NE 3WST/ NE 4WST	NE 3WST		NE 4WST	
	Sec - 5A	Sec - 1A	Sec - 5A	Sec - 1A
	Max. VA	Max. VA	Max. VA	Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
5	5	5	7.5	7.5
6	5	5	7.5	7.5
7.5	5	5	7.5	7.5
10	5	5	7.5	7.5
12.5	5	5	7.5	7.5
15	5	5	7.5	7.5
20	5	5	7.5	7.5
25	5	5	7.5	7.5
30	5	5	7.5	7.5

NE 4WPL6/ NE M5WPL6



NE 4WPL6/ NEM5WPL6	NE 4WPL6		NEM5WPL6	
	Sec - 5A	Sec - 1A	Sec - 5A	Sec - 1A
	Max. VA	Max. VA	Max. VA	Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
5	5	5	15	15
6	5	5	15	15
7.5	5	5	15	15
10	5	5	15	15
12.5	5	5	15	15
15	5	5	15	15
20	5	5	15	15
25	5	5	15	15
30	5	5	15	15
40	5	5	15	15

NEM 5WPL8

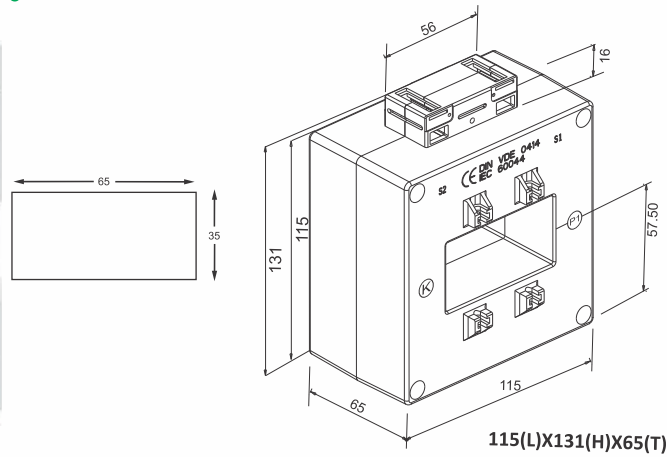


NEM 5WPL8	Sec - 5A		Sec - 1A
	Max. VA		Max. VA
Primary Current	Class- 0.5	Class- 1.0	Class-1.0
50	15	15	15
60	15	15	15
75	15	15	15
80	15	15	15
100	15	15	15

All Dimensions are in "mm"

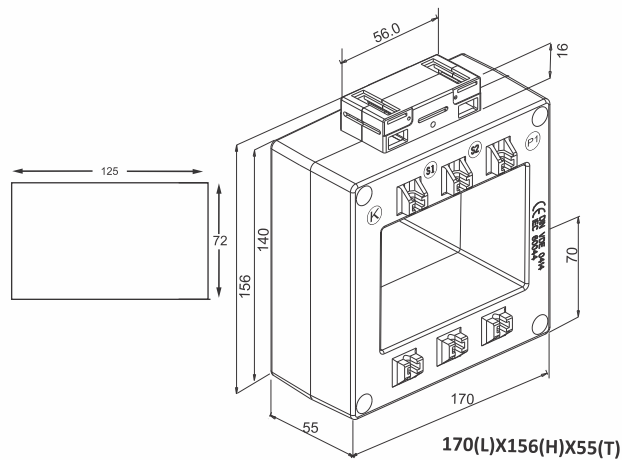
Protection Class CT's in Nylon Casing

NEP 635H



NEP 635H	Sec - 5A		
	Max. VA		
Primary Current	Class-5P10	Class-5P20	Class-10P20
300	5	-	-
400	7.5	-	-
500	10	-	-
600	10	5	5
630	10	5	5
700	15	5	5
750	15	5	5
800	15	5	5
1000	15	5	5
1200	15	5	5
1250	15	5	5
1500	15	5	5
1600	15	5	5
2000	15	-	-

NEP 1257H

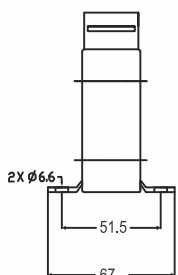


NEP 1257H	Sec - 5A	
	Max VA	
Primary Current	Class-5P10	Class-10P10
800	7.5	7.5
1000	10	10
1200	10	10
1250	10	10
1500	10	10
1600	10	10
2000	10	10
2500	10	10

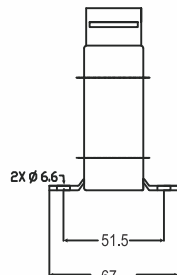
All Dimensions are in "mm"

Base Mounting Dimensions Of Remaining Models

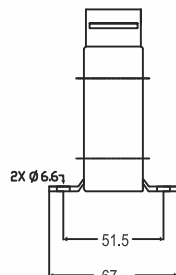
NE 830/NE 830V



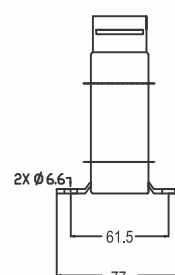
NE 1030/NE 1030V



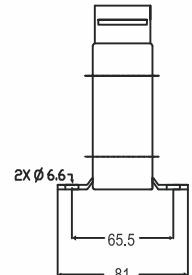
NE 3WST



NE 4WST, NE 4WPL6



NEM 5WPL6, NEM 5WPL8, NEM 5WPL10



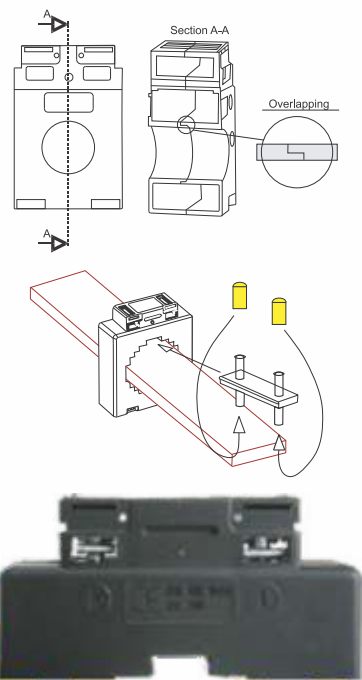
NEWTEK CTs :

Increased Safety -

The joining point where the two halves of the housing meet inside the primary bar opening is crucial to safety. Quite in accordance with NEWTEK's motto – safety is built into our products – the two halves of the housing are not aligned with a butt joint, instead they are made to overlap in the new NE series. Insulated Protective Caps For Primary Fixing Bolts – To protect against unintentional contact the bolts of the primary fixing devices can be covered by protective insulation caps.

The NEWTEK Secondary Terminals –

In this clamping system pressure is transmitted by means of a nut (Pad) to the ends of the conductor (Lift principle). The conductor is therefore loaded only under pressure and cannot be damaged by rotating components. Thanks to our clamping system the ends of the conductors are clamped over a wide area which ensures lower contact resistance. Pressure forces of several hundred Newton's are reached. In this way conductors even with multiple, fine and extremely fine wires are so well compressed that no harmful gases can penetrate to cause corrosion. It therefore provides an extremely long lasting connection even in aggressive industrial environment. The plus – minus slot of the M5 (0.5mm) screws allows ease in handling. At the NE series both, screws and nuts are designed in such a way to prevent unintentional loosening.



Mounting Arrangement of Newtek CTs



Secondary Terminal Covers



Base Mounting Clamp



Bus Bar Mounting Clamp



Din Rail Mounting Clamp



Bus Bar Mounting for Protection CTs



Bus Bar Mounting for Low Burden CTs

General Features of NEWTEK Current Transformers

Electrical Features

Rated frequency = 50-60 Hz
Class of insulation = E
Rated short time thermal current $I_{th} = 60 \text{ In}$
Nominal surge current $I_{dyn} = 2.5 I_{th}$
(Minimum 100 kA at all window type CT's)
Highest voltage for equipment $U_m = 0.72 \text{ Kv}$
(Other voltages on request)
Rated power-frequency withstand voltage = 4 Kv/1min
(Other voltages on request) Instrument security factor = FS5 or FS10

Mechanical Features

Unbreakable, flame retardant, self-extinguishing
Nylon casing of grade UL 94 V2.
Cores are made from high grade CRGO material.
Dual coated copper wire having class of insulation H.
Nickel plated secondary terminals with
plus minus screws of 0.5Nm.
Integrated secondary terminal caps.

Special Notes

CT's also available in 0.5S, 0.2 and 0.2S accuracy class on request.
Other VA's are as per customer requirement.

Applicable Standards:

Current Transformer: IS: 2705/1992; IEC/EN: 60044-1
Potential Transformer: IS: 3156/1992; IEC: 60044-2
Control Transformer: IS: 12021/1987; IEC: 60044-2

Control & Potential Transformer:

Newtek provides tailor made range of LT Potential & Control Transformer as per customers demand both in single phase & three phase systems, in Resin Cast/Tape Insulated/Varnish Impregnated type of Insulation.
Voltage range 0 to 690V, Max VA:-10kVA. We can supply dual secondary, tap changer type PTs & Control Transformers.
Available Class of PTs: 0.2,0.5,1.0,3P,6P We can provide you IVTs, RVTs on demand.

Accessories:



Base Clamp



Shrouding Cap for
Resin Cast CTs



Bus Bar Lock for
NE210S & NE310S Model



Dinrail Clamp



Base Clamp for Resin Cast CTs



Bus Bar Clamp



Shrouding Cap
for WPL CTs

Newtek Resin Cast CT's

Newtek Electricals also innate the expertise in design and manufacturing of conventional resin cast CT's. as well as protection class CT's. VIZ, 5P5, 5P10, 5P20 & PS Class CT's.





M-90 M.I.D.C Waluj, Aurangabad-431136 Maharashtra, India. Tel/Fax : +91-0240 2551555 Mobile : 9372862651, 9372862647, 9370062635
Email : sales@newtekelectricals.com, mkt.south@newtekelectricals.com, mkt.west@newtekelectricals.com,
mkt.east@newtekelectricals.com, mkt.north@newtekelectricals.com Website : www.newtekelectricals.com

**"Product up gradation is a continuous process. Hence, data in this catalog is subject to change without prior notice.
For the latest information, please get in touch with our sales Offices."**