



Technical Catalogue
**RESIN CAST
CURRENT
TRANSFORMERS**



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. Cinepolis, 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. MPMKVVCL, 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 Motorcycle & 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

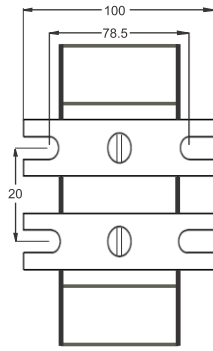
Banking

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

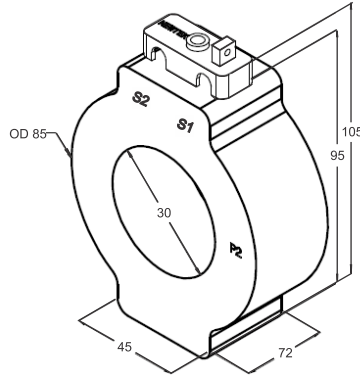
Energy

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

NELRCR30-70



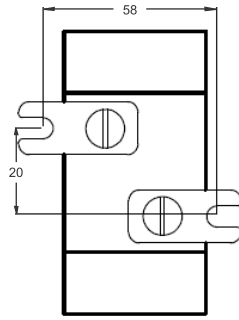
Mounting Arrangement



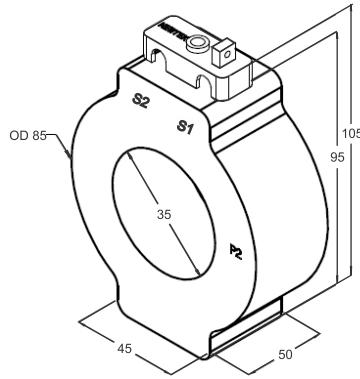
CT ID 30 CT OD 95(L)X85(W)X72(T)
Primary Bar 20X10mm

NELRCR30-70	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	5	15	5	15
125	7.5	15	7.5	15
150	10	15	10	15
200	15	20	15	20
250	15	20	15	20

NERCR35



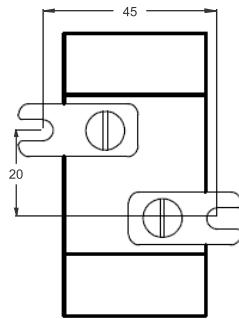
Mounting Arrangement



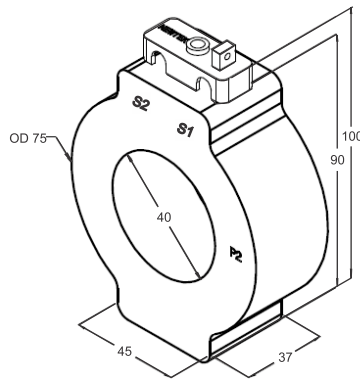
CT ID 35 CT OD 95(L)X85(W)X50(T)
Primary Bar 30X10mm

NERCR35	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	-	5	-	5
125	-	7.5	-	7.5
150	5	10	5	10
200	10	15	10	15

NERCR40



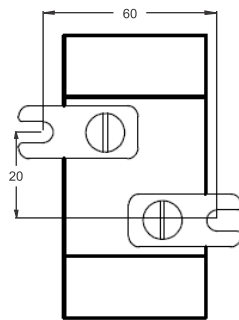
Mounting Arrangement



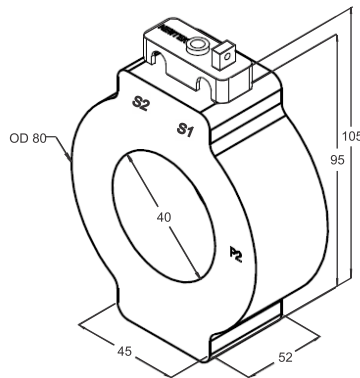
CT ID 40 CT OD 90(L)X75(W)X37(T)
Primary Bar 30X10mm

NERCR40	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
200	-	5	-	5
250	-	5	-	5
300	2.5	7.5	2.5	7.5
400	5	10	5	10
500	7.5	10	7.5	10

NEMRCR40



Mounting Arrangement



CT ID 40 CT OD 95(L)X80(W)X52(T)
Primary Bar 30X10mm

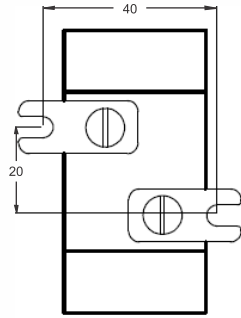
NEMRCR40	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	-	2.5	-	2.5
125	-	5	-	5
150	2.5	7.5	2.5	7.5
200	5	15	5	15
250	10	15	10	15
300	10	15	10	15
400	10	15	10	15
500	10	15	-	-

All Dimensions are in "mm"

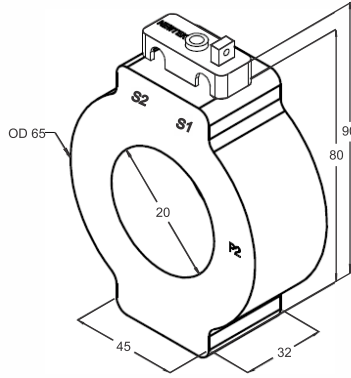
Products

ROUND ID

NERCR20



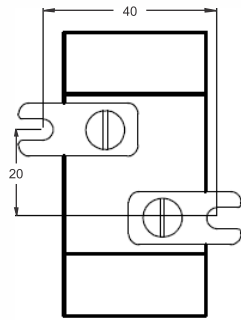
Mounting Arrangement



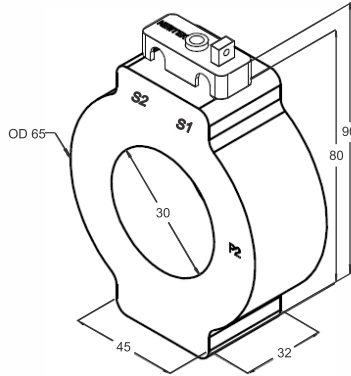
CT ID 20 CT OD 80(L)X65(W)X32(T)

NERCR20	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
75	-	2.5	-	2.5
100	-	5	-	5
150	2.5	5	2.5	5
200	5	7.5	5	5
250	5	7.5	5	5
300	5	7.5	5	5

NERCR30S



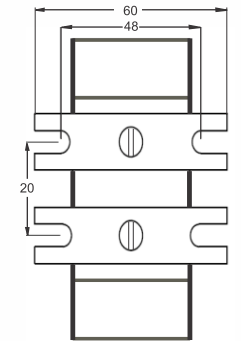
Mounting Arrangement



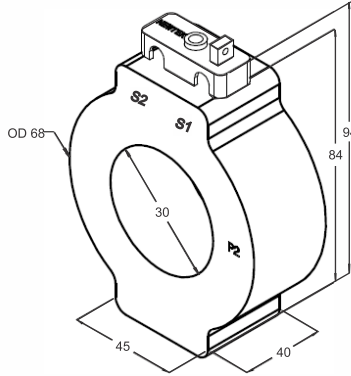
CT ID 30 CT OD 80(L)X65(W)X32(T)
Primary Bar 20X10mm

NERCR30S	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 1.0		Class- 1.0	
100	2.5		2.5	
200	5		5	
250	5		5	
300	5		5	
400	5		5	

NERCR30



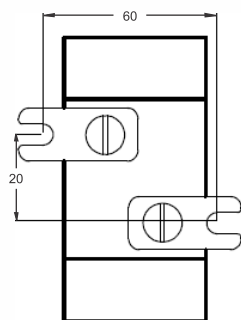
Mounting Arrangement



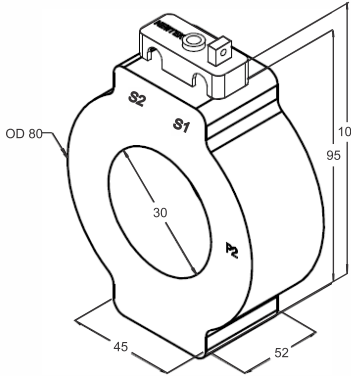
CT ID 30 CT OD 84(L)X68(W)X40(T)
Primary Bar 20X10mm

NERCR30	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	-	5	-	5
125	-	5	-	5
150	2.5	7.5	2.5	7.5
200	5	10	5	10
250	7.5	15	7.5	15
300	10	15	-	-
400	15	15	-	-

NEMRCR30



Mounting Arrangement

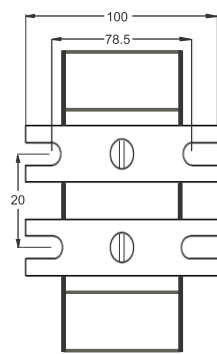


CT ID 30 CT OD 95(L)X80(W)X52(T)
Primary Bar 20X10mm

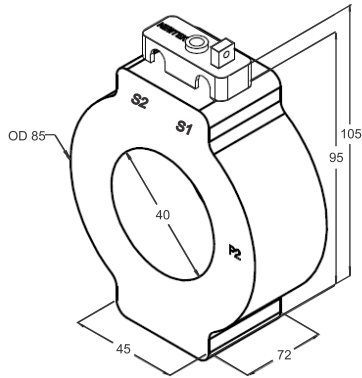
NEMRCR30	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	2.5	10	-	10
125	5	15	5	15
150	7.5	15	7.5	15
200	10	15	10	15
250	10	15	10	15
300	15	15	10	15

All Dimensions are in "mm"

NELRCR40-70



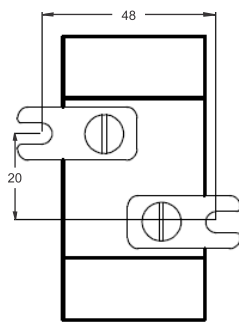
Mounting Arrangement



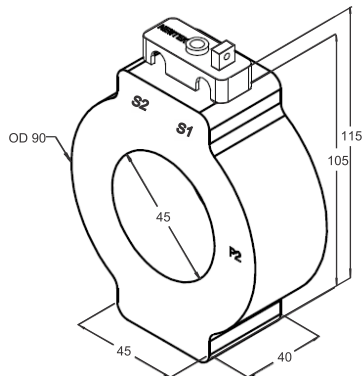
CT ID 40 CT OD 95(L)X85(W)X72(T)
Primary Bar 30X10mm

NELRCR40-70	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	-	5	-	5
125	2.5	7.5	2.5	7.5
150	5	15	5	15
200	10	15	10	15
250	15	15	15	15
300	15	15	15	15
400	15	15	15	15

NERCR45



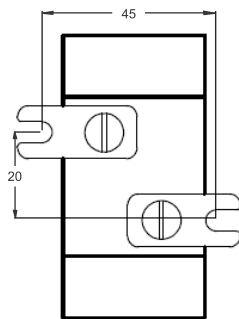
Mounting Arrangement



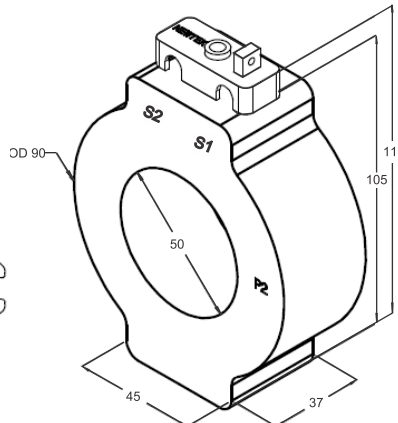
CT ID 45 CT OD 105(L)X90(W)X40(T)
Primary Bar 40X10mm

NERCR45	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
150	-	5	-	5
200	-	7.5	-	7.5
250	5	10	5	10
300	7.5	15	7.5	15
400	15	15	15	15

NERCR50



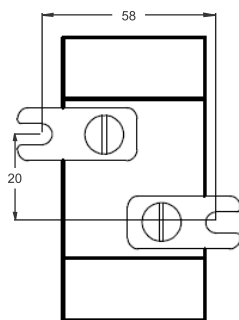
Mounting Arrangement



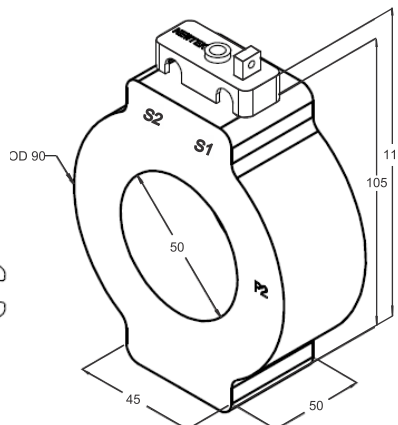
CT ID 50 CT OD 105(L)X90(W)X37(T)
Primary Bar 40X10mm

NERCR50	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
200	-	2.5	-	2.5
250	-	5	-	5
300	5	7.5	5	7.5
400	10	15	10	15
500	15	15	15	15
600	15	15	15	15
750	15	15	15	15
800	15	15	15	15
1000	15	15	-	-

NEMRCR50-50



Mounting Arrangement

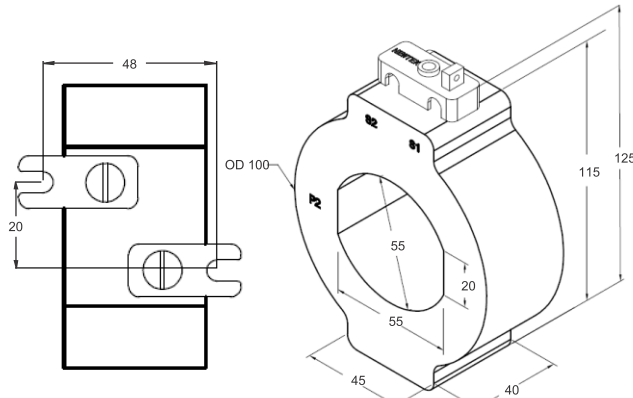


CT ID 50 CT OD 105(L)X90(W)X50(T)
Primary Bar 40X10mm

NEMRCR50-50	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
200	-	7.5	-	7.5
250	5	10	5	10
300	7.5	15	7.5	15
400	15	15	15	15

All Dimensions are in "mm"

NERC5520

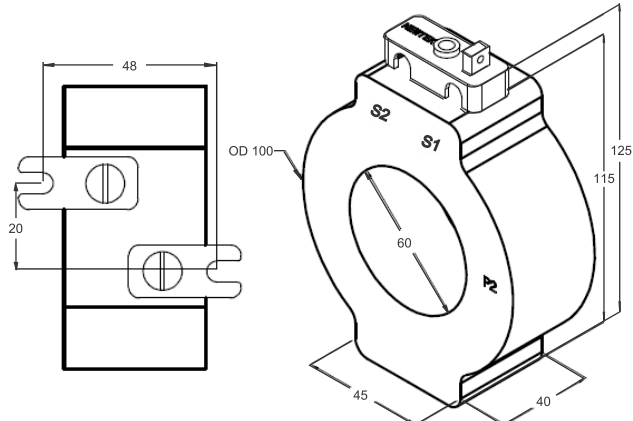


Mounting Arrangement

CT ID 55X20 CT OD 115(L)X100(W)X40(T)
Primary Bar 50X10mm

NERC5520	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
250	-	2.5	-	-
300	2.5	5	-	5
400	5	10	5	10
500	10	15	10	15
600	15	15	15	15
750	15	15	15	15
800	15	15	15	15
1000	15	15	15	15
1250	15	15	-	-
1600	15	15	-	-

NERCR60

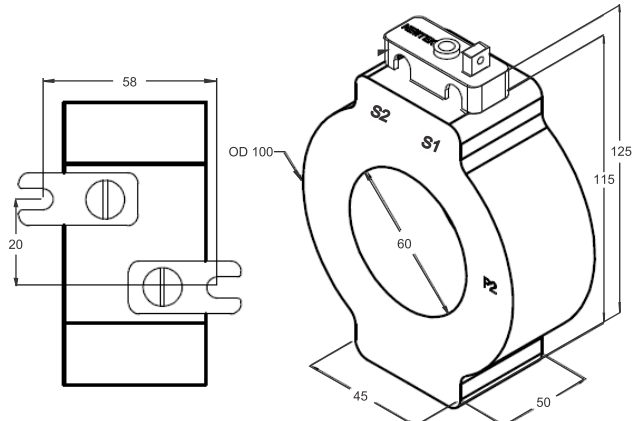


Mounting Arrangement

CT ID 60 CT OD 115(L)X100(W)X40(T)
Primary Bar 50X10mm

NERCR60	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
250	-	2.5	-	-
300	2.5	5	-	5
400	5	10	5	10
500	10	15	10	15
600	15	15	15	15
750	15	15	15	15
800	15	15	15	15
1000	15	15	15	15
1250	15	15	-	-
1600	15	15	-	-

NEMRCR60-50

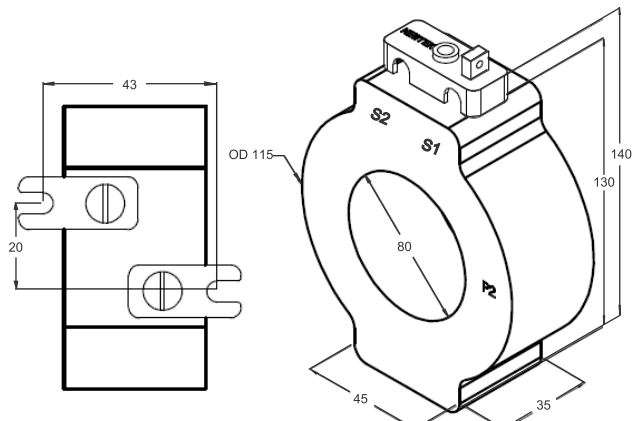


Mounting Arrangement

CT ID 60 CT OD 115(L)X100(W)X50(T)
Primary Bar 50X10mm

NEMRCR60-50	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
250	2.5	5	2.5	5
300	5	10	5	10
400	15	15	15	15
500	15	15	15	15
600	15	15	15	15

NERCR80



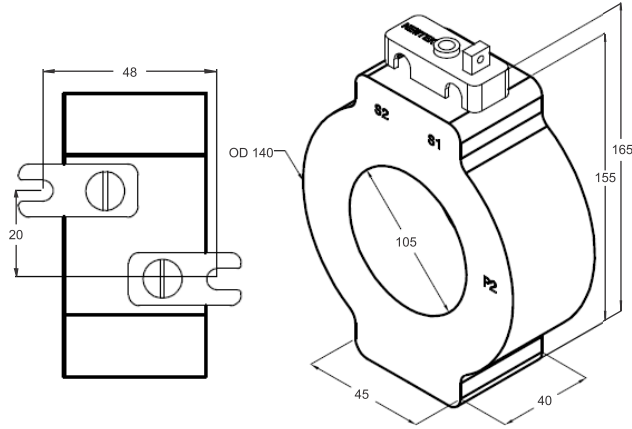
Mounting Arrangement

CT ID 80 CT OD 130(L)X115(W)X35(T)
Primary Bar 70X10mm

NERCR80	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	2.5	5	2.5	5
600	5	10	5	10
750	5	10	5	10
800	7.5	15	7.5	15
1000	10	15	10	15
1250	10	15	-	-
1600	10	15	-	-

All Dimensions are in "mm"

NERCR105



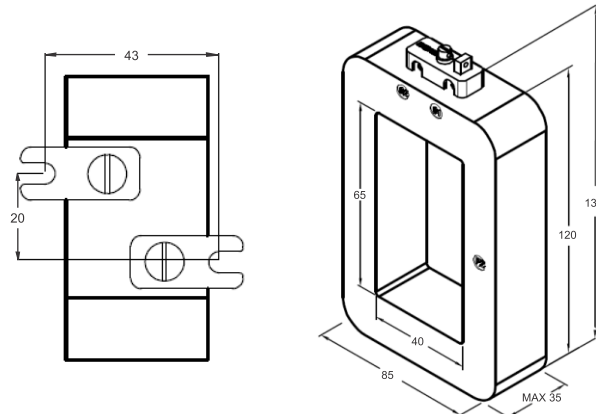
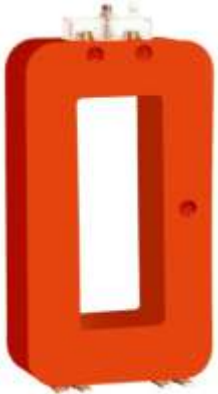
Mounting Arrangement

CT ID 105 CT OD 155(L)X140(W)X40(T)
Primary Bar 80X10X2mm

NERCR105	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	5	10	5	10
750	5	10	5	10
800	7.5	15	7.5	15
1000	10	15	10	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	-	-
2500	15	15	-	-

Rectangular ID

NERC6540V

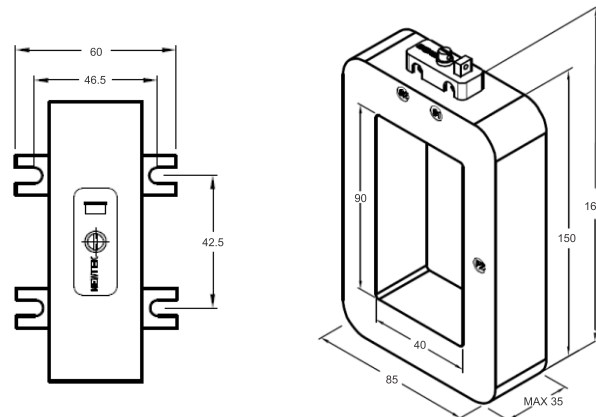


Mounting Arrangement

CT ID 65X40 CT OD 120(L)X85(W)X35(T)
Primary Bar 60X10X2mm

NERC6540V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
400	2.5	5	2.5	5
500	3.75	5	3.75	5
600	7.5	15	7.5	15
750	10	15	10	15
800	10	15	10	15
1000	10	15	10	15
1250	10	15	-	-
1600	10	15	-	-

NERC9040V

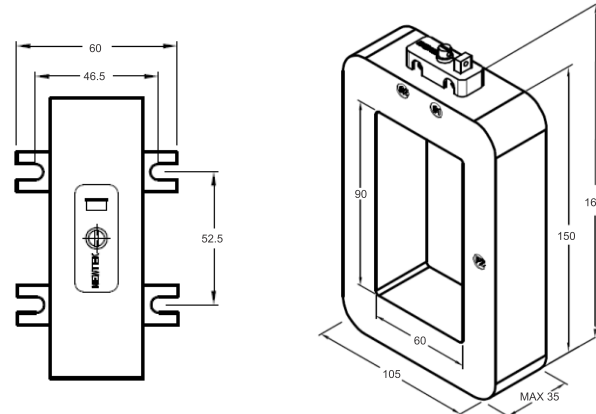


Mounting Arrangement

CT ID 90X40 CT OD 150(L)X85(W)X35(T)
Primary Bar 80X10X2mm

NERC9040V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	-	7.5	-	7.5
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	-	-

NERC9060V



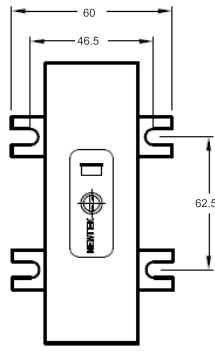
Mounting Arrangement

CT ID 90X60 CT OD 150(L)X105(W)X35(T)
Primary Bar 80X10X3mm

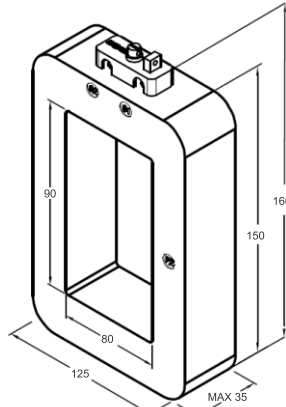
NERC9060V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	-	7.5	-	7.5
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	-	-
2500	15	15	-	-

All Dimensions are in "mm"

NERC9080V



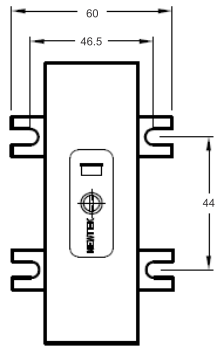
Mounting Arrangement



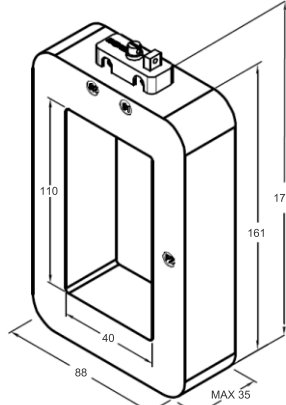
CT ID 90X80 CT OD 150(L)X125(W)X35(T)
Primary Bar 80X10X4mm

NERC9080V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	-	7.5	-	7.5
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	-	-
2500	15	15	-	-

NERC1140V



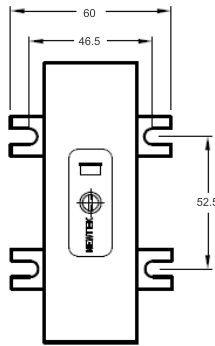
Mounting Arrangement



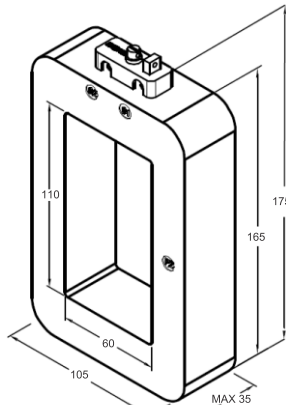
CT ID 110X40 CT OD 161(L)X88(W)X35(T)
Primary Bar 100x10x2mm

NERC1140V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	-	7.5	-	7.5
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	-	-
3200	15	15	-	-

NERC1160V



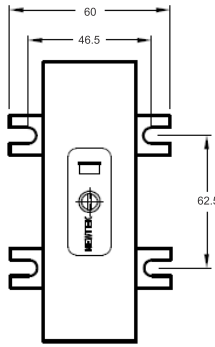
Mounting Arrangement



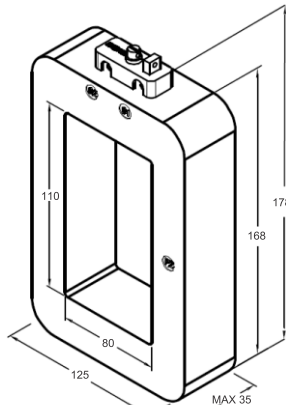
CT ID 110X60 CT OD 165(L)X105(W)X35(T)
Primary Bar 100X10X3mm

NERC1160V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	-	7.5	-	7.5
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	-	-
3200	15	15	-	-

NERC1180V



Mounting Arrangement

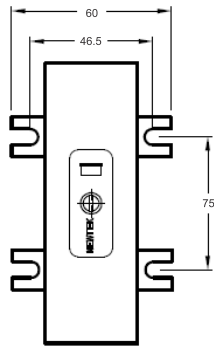


CT ID 110X80 CT OD 168(L)X125(W)X35(T)
Primary Bar 100X10X4mm

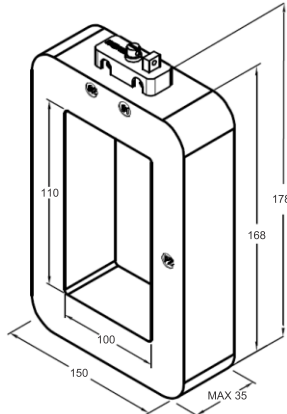
NERC1180V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
500	-	7.5	-	7.5
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	-	-
3200	15	15	-	-

All Dimensions are in "mm"

NERC11100V



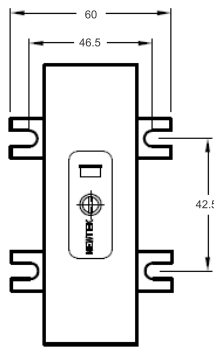
Mounting Arrangement



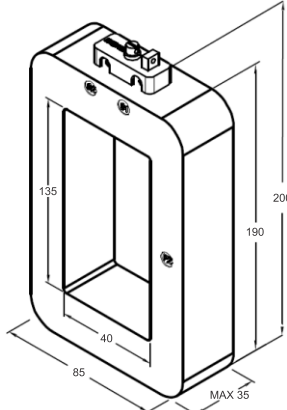
CT ID 110X100 CT OD 168(L)X150(W)X35(T)
Primary Bar 100X10X5mm

NERC11100V	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	-	-
3200	15	15	-	-

NERC13540V



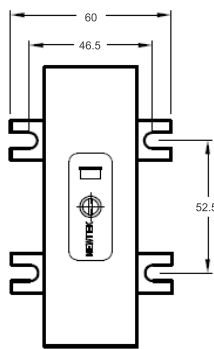
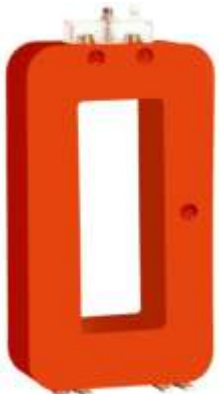
Mounting Arrangement



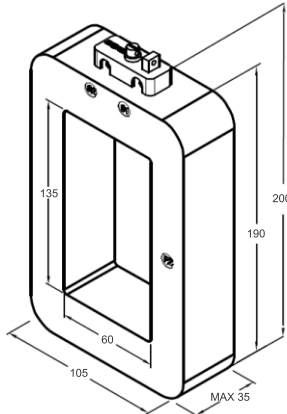
CT ID 135X40 CT OD 190(L)X85(W)X35(T)
Primary Bar 125X10X2mm

NERC13540V	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	2.5	10	2.5	10
700	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	-	-
3200	15	15	-	-

NERC13560V



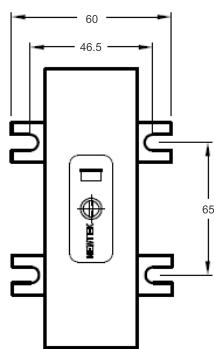
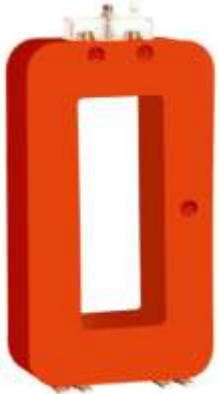
Mounting Arrangement



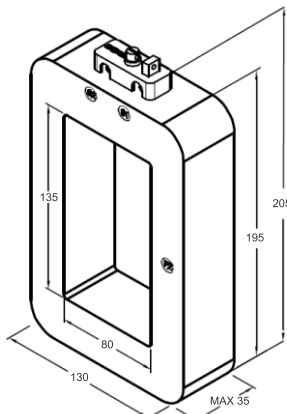
CT ID 135X60 CT OD 190(L)X105(W)X35(T)
Primary Bar 125X10X3mm

NERC13560V	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-

NERC13580V



Mounting Arrangement

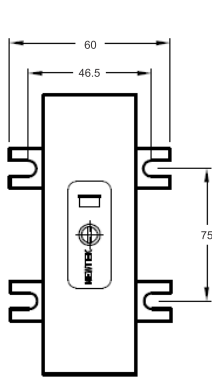


CT ID 135X80 CT OD 195(L)X130(W)X35(T)
Primary Bar 125X10X4mm

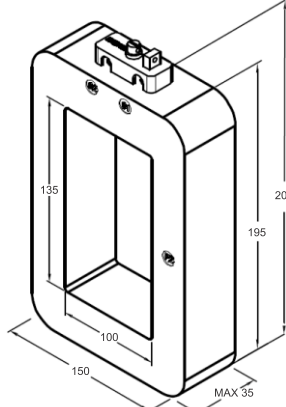
NERC13580V	Sec - 5A		Sec - 1A	
	Max. VA			
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-
4000	15	15	-	-

All Dimensions are in "mm"

NERC135100V



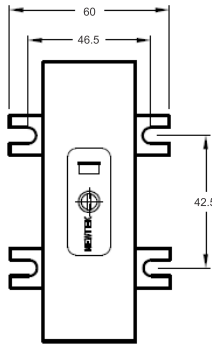
Mounting Arrangement



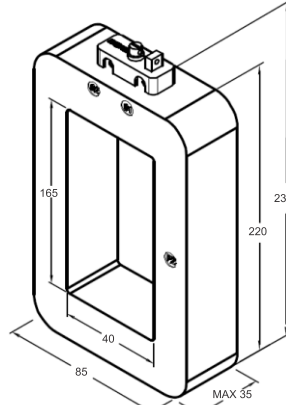
CT ID 135X100 CT OD 195(L)X150(W)X35(T)
Primary Bar 125X10X5mm

NERC135100V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
600	2.5	10	2.5	10
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-
4000	15	15	-	-

NERC16540V



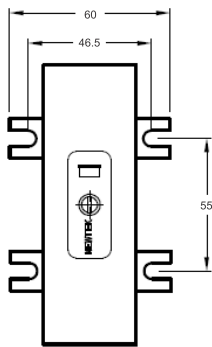
Mounting Arrangement



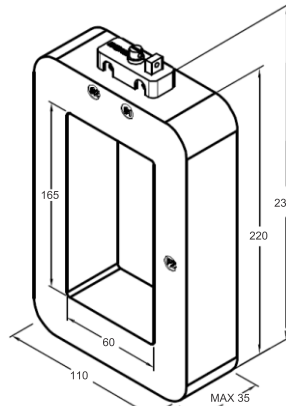
CT ID 165X40 CT OD 220(L)X85(W)X35(T)
Primary Bar 160X10X2mm

NERC16540V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-
4000	15	15	-	-

NERC16560V



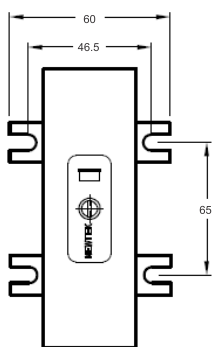
Mounting Arrangement



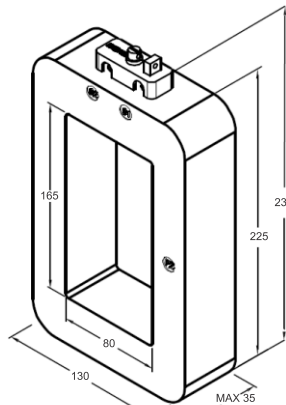
CT ID 165X60 CT OD 220(L)X110(W)X35(T)
Primary Bar 160X10X3mm

NERC16560V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-
4000	15	15	-	-

NERC16580V



Mounting Arrangement

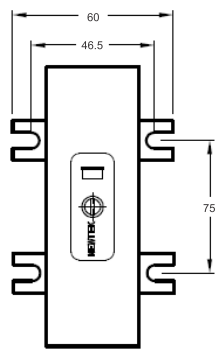


CT ID 165X80 CT OD 225(L)X130(W)X35(T)
Primary Bar 160X10X4mm

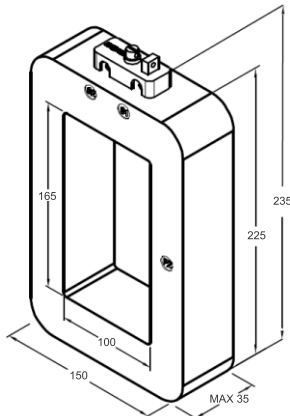
NERC16580V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-
4000	15	15	-	-

All Dimensions are in "mm"

NERC165100V



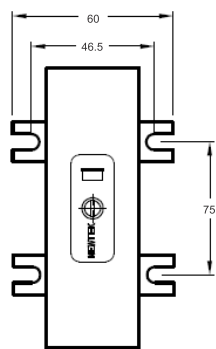
Mounting Arrangement



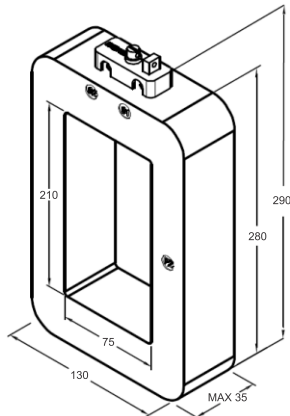
CT ID 165X100 CT OD 225(L)X150(W)X35(T)
Primary Bar 160X10X5mm

NERC165100V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
750	5	10	5	10
800	10	15	10	15
1000	15	15	15	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	-	-
4000	15	15	-	-

NERC2175V



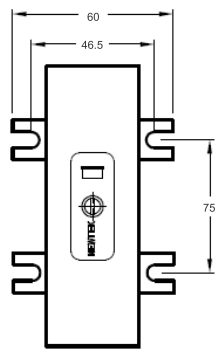
Mounting Arrangement



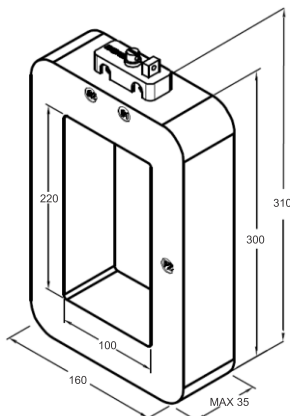
CT ID 210X75 CT OD 280(L)X130(W)X35(T)
Primary Bar 200X10X4mm

NERC2175V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
1000	10	15	10	15
1250	15	15	15	15
1600	15	15	15	15
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	15	15
4000	15	15	15	15
5000	15	15	-	-
6000	15	15	-	-

NERC22100V



Mounting Arrangement



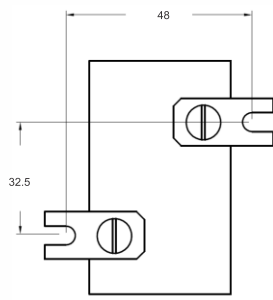
CT ID 220X100 CT OD 300(L)X160(W)X35(T)
Primary Bar 210X10X5mm

NERC22100V	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
2000	15	15	15	15
2500	15	15	15	15
3200	15	15	15	15
4000	15	15	15	15
5000	15	15	15	15
6000	15	15	15	15

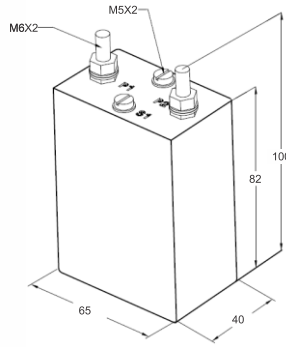
All Dimensions are in "mm"

WPL

NERCWPL6



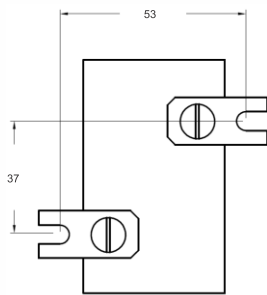
Mounting Arrangement



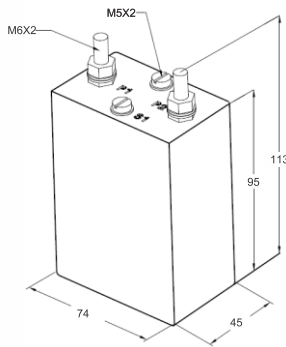
CT OD 82(L)X65(W)X40(T)

NERCWPL6	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
5	5	5	5	5
10	5	5	5	5
15	5	5	5	5
20	5	5	5	5
25	5	5	5	5
30	5	5	5	5
40	5	5	5	5

NEMRCWPL6



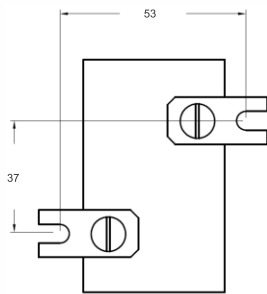
Mounting Arrangement



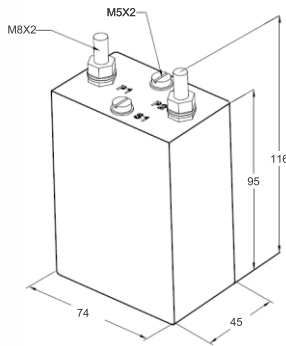
CT OD 95(L)X74(W)X45(T)

NEMRCWPL6	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
5	15	15	15	15
10	15	15	15	15
15	15	15	15	15
20	15	15	15	15
25	15	15	15	15
30	15	15	15	15
40	15	15	15	15

NERCWPL8



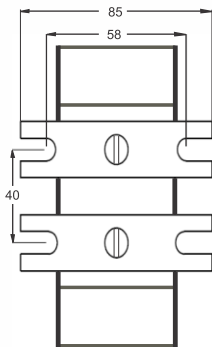
Mounting Arrangement



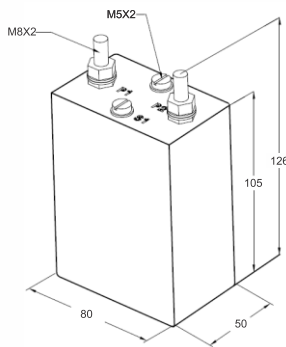
CT OD 95(L)X74(W)X45(T)

NERCWPL8	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
50	15	15	15	15
60	15	15	15	15
75	15	15	15	15
80	15	15	15	15

NEMRCWPL8



Mounting Arrangement



CT OD 105(L)X80(W)X50(T)

NEMRCWPL8	Sec - 5A		Sec - 1A	
	Max. VA		Max. VA	
Primary Current	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	15	15	15	15

All Dimensions are in "mm"

General Features of NEWTEK Current Transformers

Electrical Features

Rated frequency = 50-60 Hz
Class of insulation = E
Rated short time thermal current $I_{th} = 60 I_n$
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 = 4Kv/ 1min
(Other voltages on request) Instrument security factor = FS5 or FS10

Mechanical Features

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.

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.

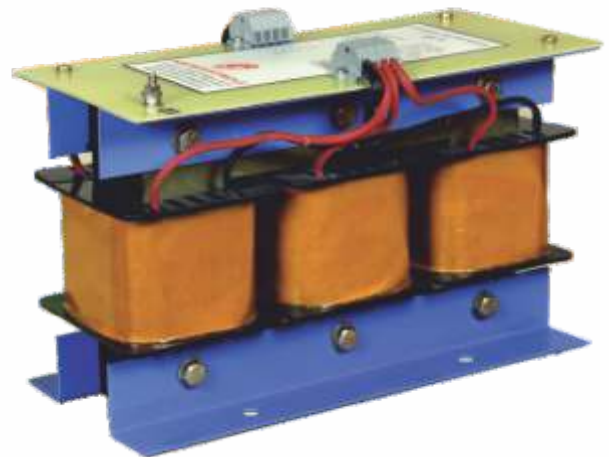
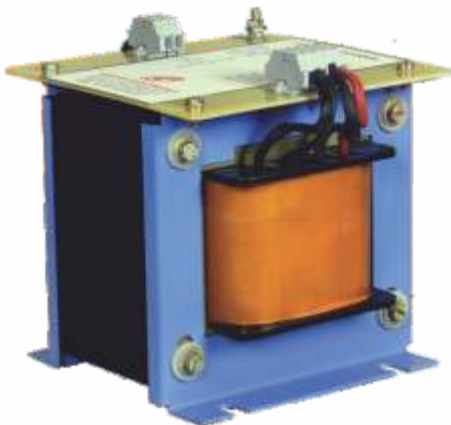
Applicable Standards:

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

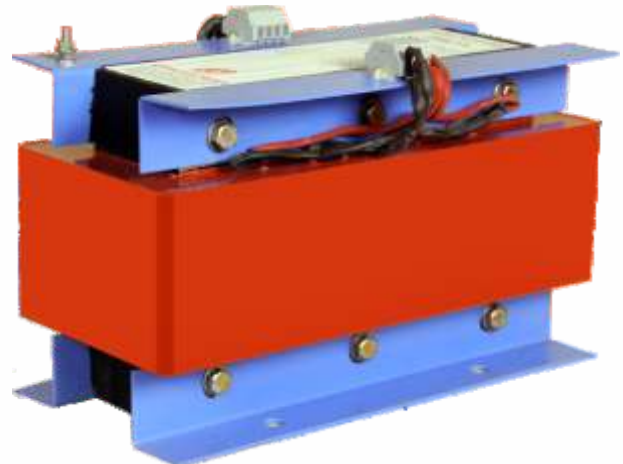
Control & Potential Transformer:

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:-45kVA. 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.

Single & Three Phase Tape Insulated Control/ Voltage Transformer



Single & Three Phase Resin Cast Control/ Voltage Transformer





M-90 M.I.D.C Waluj, Aurangabad-431136 Maharashtra, India. Tel/Fax : +91-0240 2551555 Mobile : 9372862651, 9372862647
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."**