

Manufacturer & Exporter

Resin Cast Current Transformers



15+

Years of
experience

1000+

Successful
projects

10,000+

Sq.ft manufacturing
facility

500+

Domestic
customers

Newtek CTs have worked without failure for over 10 years, and are a proven imports substitute.



World-class manufacturing, quality and supply systems

Newtek Electricals is the first company to introduce nylon flame retardant casing current transformers in India, and the product is now exported to other countries as well. While meeting high demand for quality, the company has developed a reputation for continuously upgrading its technology, and delivering world-class products.

Today, Newtek Electricals has emerged as one of India's leading manufacturers and exporters of CT/PTs in resin cast and nylon casing.

Our Story...

- 2005** → Indo-German joint venture Wintek Electricals founded.
- 2007** → Newtek Electricals is formed as an independent entity.
- 2008** → Introduced Nylon casing CTs for the first time in India; fulfills order for 70,000 CTs.
- 2009** → **New!** 10,000 sq ft manufacturing facility, resin cast CTs introduced. Supplied Customized products.
- 2014** → Supply of 1,15,000 CTs for 4G towers, R&D facility established, MF meters launched.
- 2020** → Begins in-house manufacturing of CT core. New split core CTs introduced.



End-to-end Capabilities for global supply chains

R&D Capabilities

- › First company in India to introduce Nylon flame retardant casing current transformers
- › Dedicated R&D center and team to develop new products
- › Recently introduced new nylon casing split core CTs
- › Webinars are organized regularly to update customers of trends in electrical technology and resolve their issues.

Sales and Service

- › Products exported to Middle East, South Africa and Europe
- › Approvals from leading Consultants, MNCs, Govt. Agencies in India & overseas markets

Manufacturing

- › State-of-the-art manufacturing facility of 10,000 sqft. in Aurangabad
- › Monthly output capacity of 60,000 CT units.
- › ISO 9001:2008 certified company

**Approvals from
Project/Electrical
Consultants in
over 20+
Industries**



Product approvals by leading Consultants

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

Comprehensive Range of CT/PTs and Multi-Function Meters (MFM's)



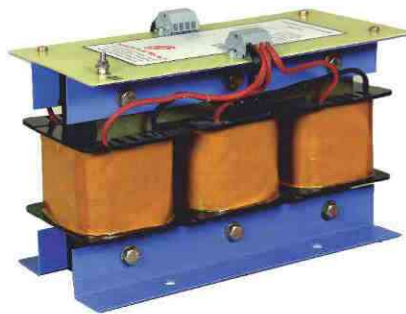
Current Transformer Nylon Casing

- Metering Type CT'S
- Window Type CT'S (Bus Bar)
 - WPL Type
 - Round ID Type CT'S
- Protection Type CT'S
- Nylon Casing-Protective Type Bus Bar



Resin Cast-Round ID

- Metering Type CT'S
- Resin Cast - WPL
 - Resin Cast - Bus Bar
 - Resin Cast - Round ID



Control Transformer

- Single-phase Resin Cast
- Three-phase Resin Cast



Digital Meter

- Energy Meter
- MFM Meter
- VAF Meter
- DPM Meter

End Customers

 VALE SHIPPING HOLDING PTE. LTD.	 Reliance Infrastructure	 BANGLADESH STEEL RE-ROLLING MILLS	 TATA CONSULTANCY SERVICES
	 HINDUSTAN SHIPYARD LTD.	 TAMIL NADU ELECTRICITY BOARD Powering the Progress of Tamil Nadu	 NORTH METRO
 Mahindra Satyam	 SOBHA		
	 Godrej PROPERTIES	 TATA POWER	 WELSPUN
 State Bank of India	 Deutsche Bank		 सेल SAIL
 Bhilosa Industries Pvt. Ltd.	 Mylan	 K RAJESHA CORP	 बी एच ई एल BHEL
 TSGENCO	 MADRAS MEDICAL SUPPLIES CO. LTD. भारतीय चिकित्सा औषधि कंपनी लिमिटेड	 LODHA BUILDING A BETTER LIFE	 Perkins THE HEART OF EVERY GREEN MACHINE
 namma metro BANGALORE METRO RAIL	 RANBAXY LABORATORIES LIMITED	 MADHYA PRADESH MADHYA KSHETRA VIDYUT VITARAN COMPANY LIMITED	 HYATT HOTELS & RESORTS
	 इंडियन ऑयल IndianOil		 I INA A INA USA CORPORATION
 Kochi Metro Rail Ltd.		 JINDAL STEEL WORKS	 HYDERABAD METRO RAIL
 WIPRO Applying Thought	 महा मेट्रो NAGPUR METRO	 RELIANCE Communications Reliance Anam Power	 Chennai Metro Rail Ltd
 gsk GlaxoSmithKline	 CPDCL	 पावरविडि	 ACC LIMITED
 एनटीपीसी NTPC	 Le MERIDIEN	 alpa Aluminium for the world	 RUNWAL BLISS Kanjurmarg East, Mumbai

500+ Domestic Customers

100+ Overseas Customers

1000+
successful
projects



Sugar

Enpro Sugars, Rohtak
Daund Sugars, Rohtak
Renuka Sugars, Brazil
Mumias Sugar, Kenya
Shiraguppe Sugar, Rohtak
Mylar Sugars, Bangalore
White Nile Mill House, Sudan
Rohtak & Enpro Sugars, Rohtak
Lokmangal Mauli India Ltd,
Osmanabad
Chamundeshwari Sugars,
Hussain



Pulp & Paper Mill

PT Pindo, Indonesia
Subam Papers



Malls

Patna Malls, Patna
Footpark Mall, Indore
Lotus Mall, Bangalore
Magarpatta Mall, Pune
Shoppers Stop,
(Mumbai, Bhopal)
Best Price, Aurangabad



Metro

Chennai Metro Rail Ltd, Chennai
Bengaluru Metro Rail Ltd,
Bengaluru
Hyderabad Metro Rail Ltd,
Hyderabad
Kochi Metro Rail Ltd, Kochi
Navi Mumbai Metro, Mumbai
Nagpur Metro, Nagpur



Government

MTRDC, Bhopal
PWD, Bhopal
BHEL Site Office, Ranchi



Automobile

ARAI, Pune
ESSAR, Mumbai
VHCL, Umbergaon
Mahindra Vehicle, Chakan
Woco Motherson,
Gandhidham
VE Commercial Vehicles,
Pithampur
Honda Motorcycle &
Scooters India, Narsapura



Industrial

Asian Paints, Ankaleshwar
DMIC, Aurangabad
INA Bearings India Pvt Ltd
Polycab Cables, Vadodara
Diamond Cables, Vadodara
Cosmo Films, Vadodara
Perkins India Pvt. Ltd.,
Aurangabad
Endurance Technologies Ltd.
LG Electronics, Ho Chi Minh
Daikin, Ho Chi Minh



Steel

BSPL, Bhilai
JSW Steel, (Bellary, Dolvi)
JSPL, Tamnar
BSRM, Bangladesh
Sohar Steel, Oman
Electrosteel Steels Ltd, Bokaro
SLR Metalliks, Hospet
Kalyani Garuda, Raichur
Durgapur Steel Plant
Vedanta Steel



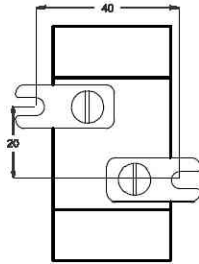
Chemical

Safe Water Chemicals, Kuwait
Kalpataru Organics, Sarigam
Virchows Lab, Hyderabad
Hikal Ltd, Hyderabad
Amoli Organics, Vapi

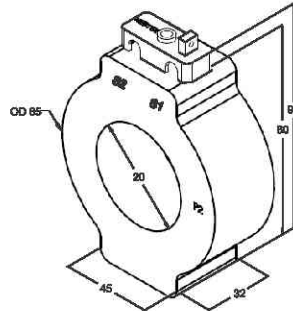
Products

Round ID

NERCR20



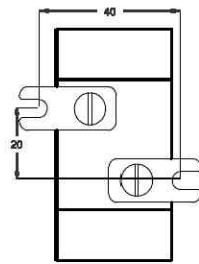
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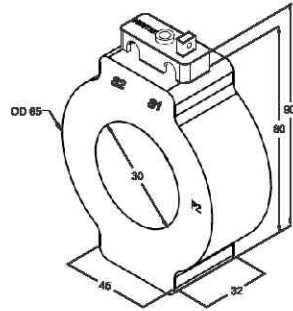
CT ID 20 CT OD 60(L)X65(W)X32(T)

NERCR20	Sec - 5A		Sec - 1A	
	Max. VA		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



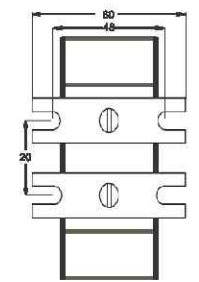
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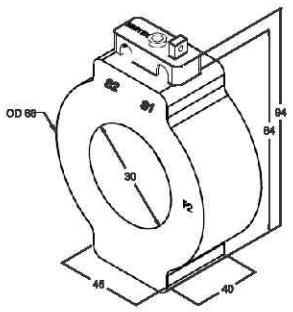
CT ID 30 CT OD 60(L)X65(W)X32(T)
Primary Bar 20X10mm

NERCR30S	Sec - 5A		Sec - 1A	
	Max. VA		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



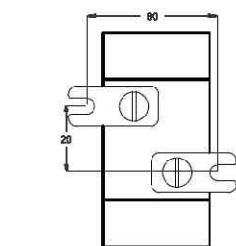
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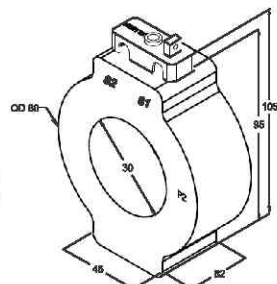
CT ID 30 CT OD 64(L)X68(W)X40(T)
Primary Bar 20X10mm

NERCR30	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	-	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



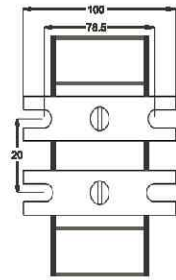
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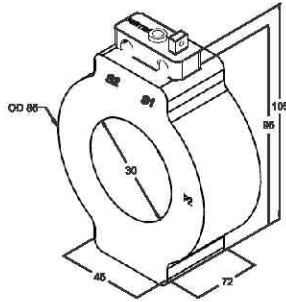
CT ID 30 CT OD 96(L)X80(W)X52(T)
Primary Bar 20X10mm

NEMRCR30	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	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

NELRCR30-70



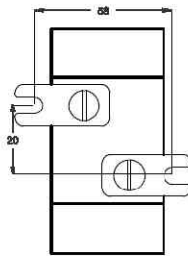
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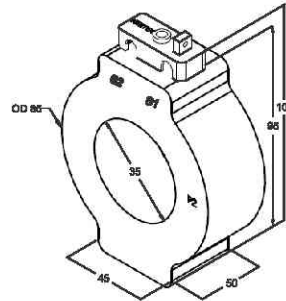
CT ID 30 CT OD 85(L)X85(W)X72(T)
Primary Bar 20X10mm

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



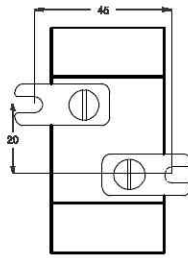
Mounting Arrangement



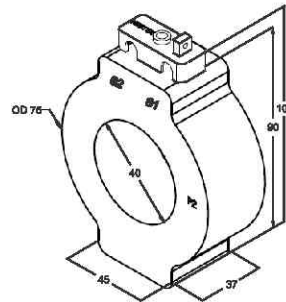
CT ID 35 CT OD 85(L)X85(W)X50(T)
Primary Bar 30X10mm

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

NE 210S



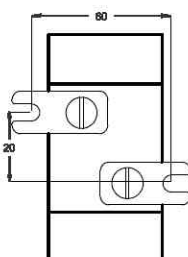
Mounting Arrangement



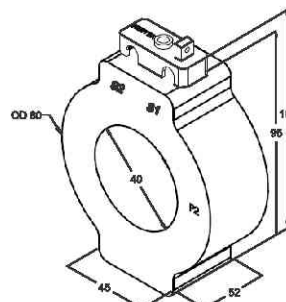
CT ID 40 CT OD 80(L)X75(W)X37(T)
Primary Bar 30X10mm

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



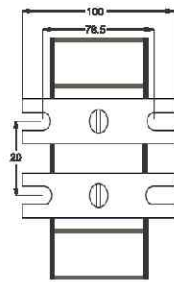
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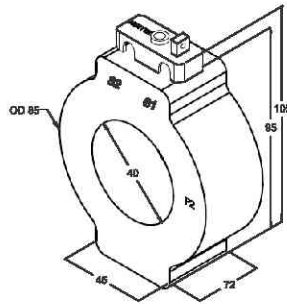
CT ID 40 CT OD 85(L)X80(W)X52(T)
Primary Bar 30X10mm

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	-	-

NELRCR40-70



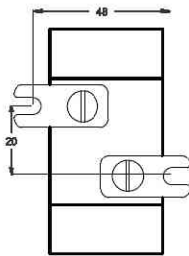
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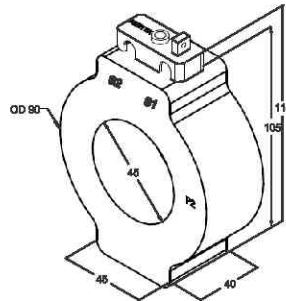
CT ID 40 CT OD 85(L)X85(W)X72(T)
Primary Bar 30X10mm

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



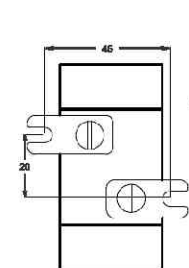
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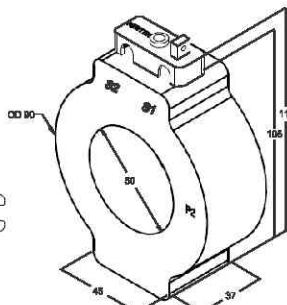
CT ID 45 CT OD 105(L)X80(W)X40(T)
Primary Bar 40X10mm

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



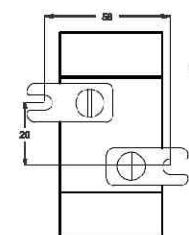
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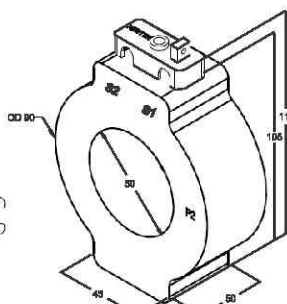
CT ID 50 CT OD 105(L)X90(W)X37(T)
Primary Bar 40X10mm

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



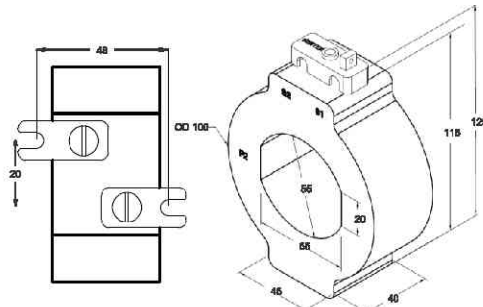
Mounting Arrangement



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

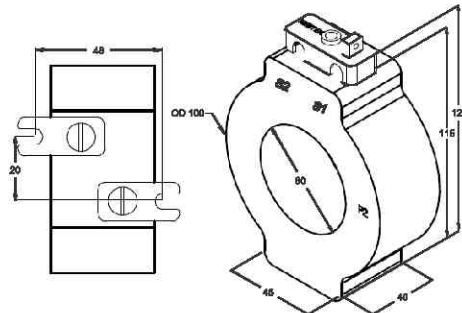
NERC5520



Mounting Arrangement CT ID 65X20 CT OD 118(L)X100(W)X40(T)
Primary Bar 60X10mm

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	-	-

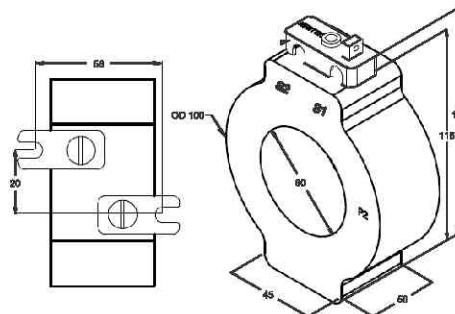
NERCR60



Mounting Arrangement CT ID 60 CT OD 116(L)X100(W)X40(T)
Primary Bar 60X10mm

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	-	-

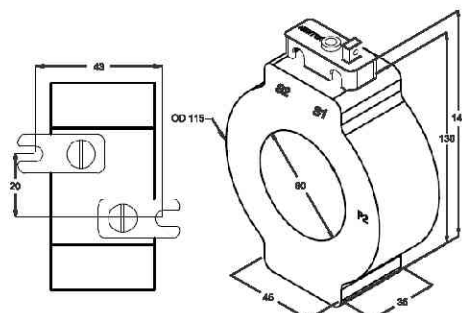
NEMRCR60-50



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

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

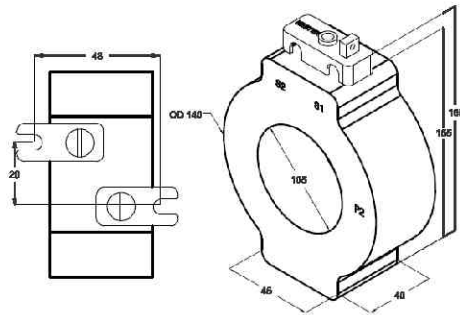
NERCR80



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	-	-

NERCR105



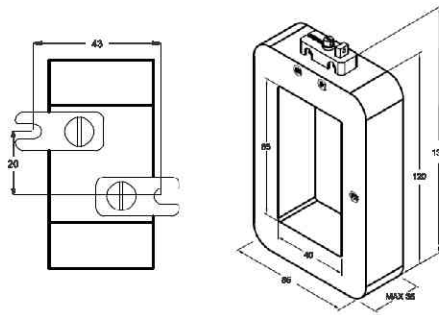
Mounting Arrangement

CT ID 105 CT OD 182(L)X148(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

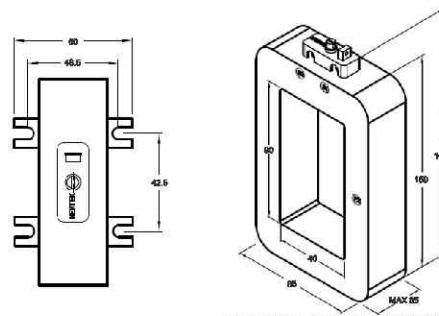


Mounting Arrangement

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

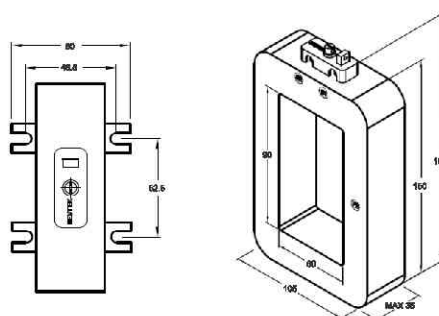
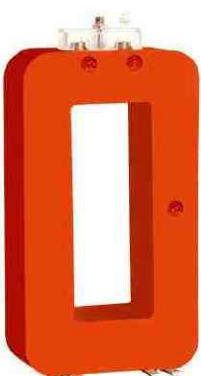


Mounting Arrangement

CT ID 90X40 CT OD 180(L)X85(W)X38(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

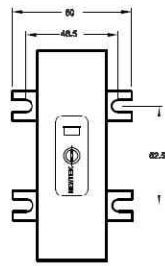


Mounting Arrangement

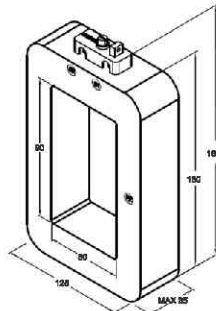
CT ID 90X60 CT OD 180(L)X105(W)X38(T)
Primary Bar 80X10X2mm

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	-	-

NERC9080V



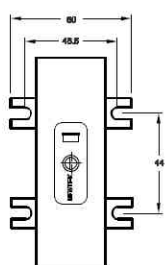
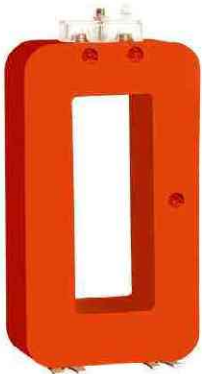
Mounting Arrangement



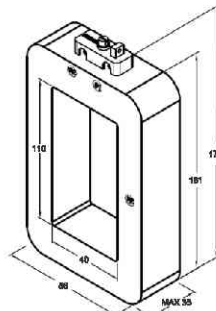
CT ID 90X80 CT OD 150(L)X125(W)X35(T)
Primary Bar 90X10X4mm

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



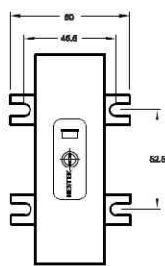
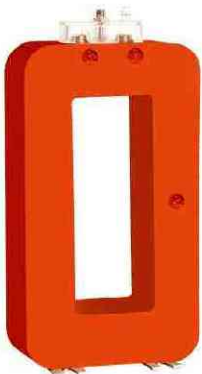
Mounting Arrangement



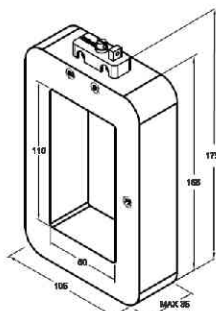
CT ID 110X40 CT OD 181(L)X125(W)X35(T)
Primary Bar 100X10X2mm

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



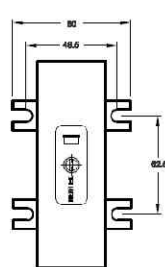
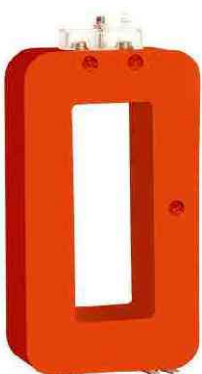
Mounting Arrangement



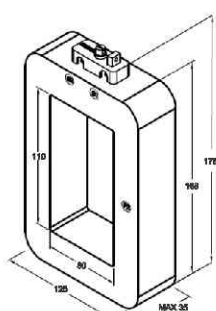
CT ID 110X60 CT OD 188(L)X125(W)X35(T)
Primary Bar 100X10X2mm

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



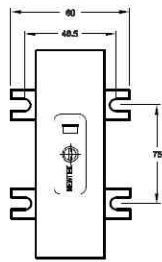
Mounting Arrangement



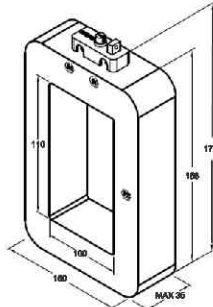
CT ID 110X80 CT OD 188(L)X125(W)X35(T)
Primary Bar 100X10X4mm

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	-	-

NERC11100V



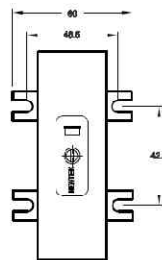
Mounting Arrangement



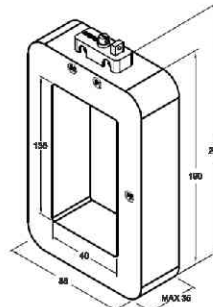
CT ID 110X100 CT OD 168(L)X150(W)X35(T)
Primary Bar 100X10X3mm

NERC1100V	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	-	-
3200	15	15	-	-

NERC1354V



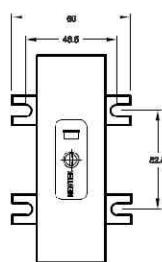
Mounting Arrangement



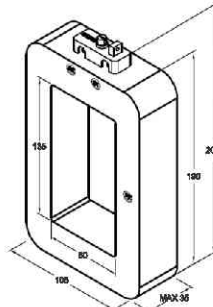
CT ID 125X40 CT OD 190(L)X165(W)X38(T)
Primary Bar 125X10X2mm

NERC13540V	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
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



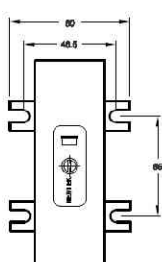
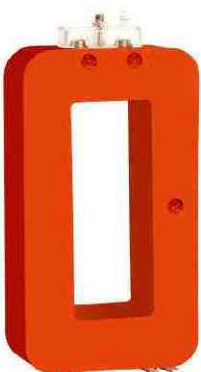
Mounting Arrangement



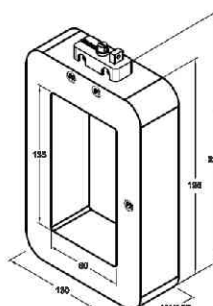
CT ID 135X60 CT OD 198(L)X165(W)X38(T)
Primary Bar 125X10X3mm

NERC13560V	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	-	-

NERC13580V



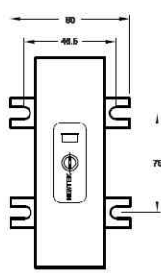
Mounting Arrangement



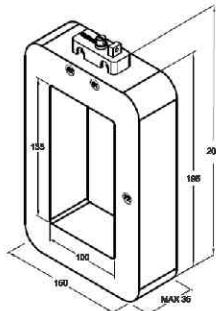
CT ID 135X80 CT OD 198(L)X130(W)X38(T)
Primary Bar 125X10X4mm

NERC13580V	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	-	-

NERC135100V



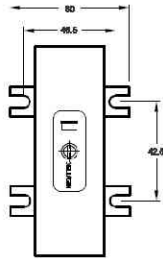
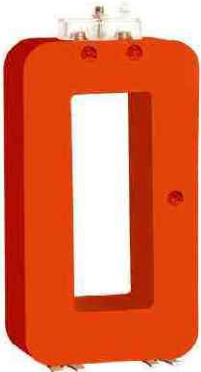
Mounting Arrangement



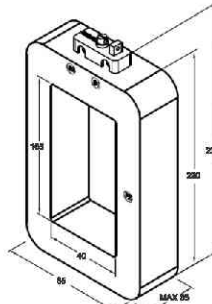
CT ID 135X100 CT OD 195(L)X150(W)X35(T)
Primary Bar 125X10X3mm

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



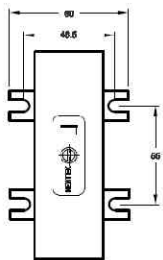
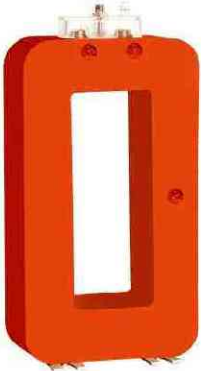
Mounting Arrangement



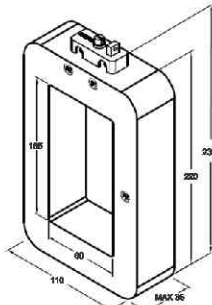
CT ID 165X40 CT OD 220(L)X150(W)X35(T)
Primary Bar 160X10X3mm

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



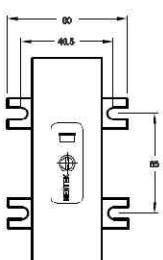
Mounting Arrangement



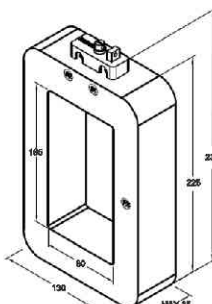
CT ID 165X60 CT OD 220(L)X110(W)X35(T)
Primary Bar 160X10X3mm

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



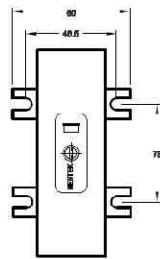
Mounting Arrangement



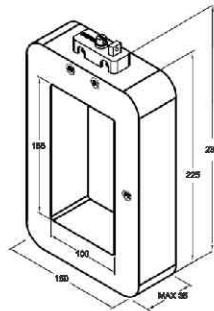
CT ID 165X80 CT OD 220(L)X130(W)X35(T)
Primary Bar 160X10X4mm

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	-	-

NERC165100V



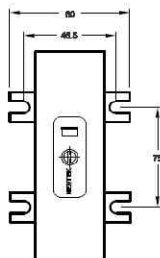
Mounting Arrangement



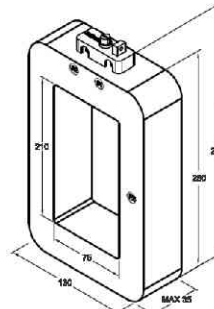
CT ID 165X100 CT OD 225(L)X150(W)X35(T)
Primary Bar 160X10X3mm

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



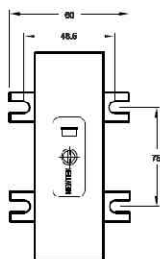
Mounting Arrangement



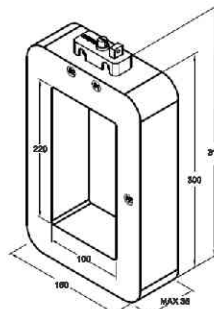
CT ID 210X75 CT OD 280(L)X130(W)X35(T)
Primary Bar 200X10X4mm

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



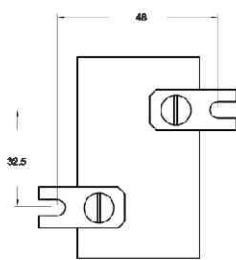
CT ID 220X100 CT OD 300(L)X160(W)X30(T)
Primary Bar 210X10X5mm

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

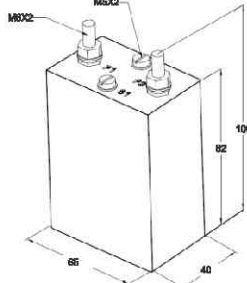
All Dimensions are in "mm"

WPL

NERCWPL6



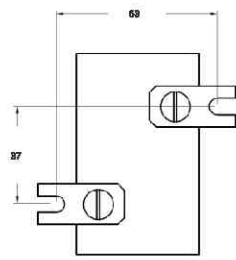
Mounting Arrangement



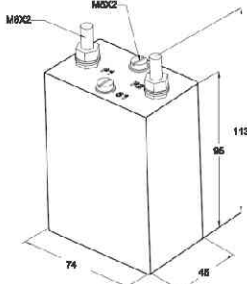
CT OD 82(L)X65(W)X40(T)

NERCWPL6 Primary Current	Sec - 5A Max. VA		Sec - 1A Max. VA	
	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



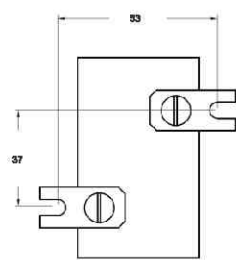
Mounting Arrangement



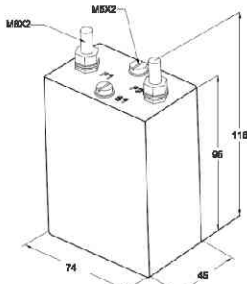
CT OD 95(L)X74(W)X46(T)

NEMRCWPL6 Primary Current	Sec - 5A Max. VA		Sec - 1A Max. VA	
	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



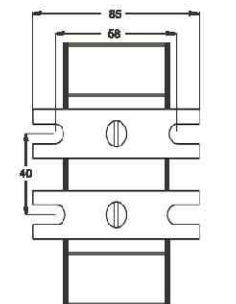
Mounting Arrangement



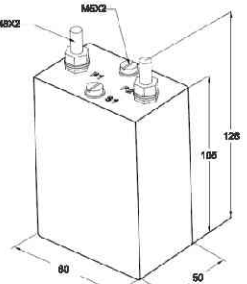
CT OD 96(L)X74(W)X45(T)

NERCWPL8 Primary Current	Sec - 5A Max. VA		Sec - 1A Max. VA	
	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 Primary Current	Sec - 5A Max. VA		Sec - 1A Max. VA	
	Class- 0.5	Class- 1.0	Class- 0.5	Class- 1.0
100	15	15	15	15

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 $U_m = 0.72Kv$ (Other voltages on request)
- Rated power-frequency withstand voltage = 4Kv/1min (Other voltages on request) Instrument security factor = F_s5

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 mins screws of 0.5Nm.
- Integrated secondary terminal caps.

Special Notes

- CT's also available in 0.55, 0.2 and 0.2S accuracy class on request.
- Other V_a 's are as per customer requirement.

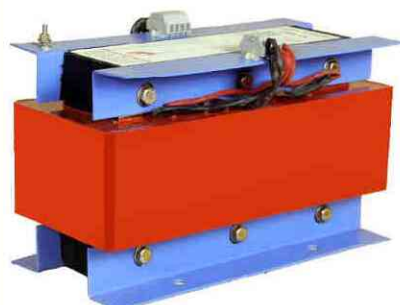
Applicable Standards:

- 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 system, 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.

Single & Three Phase Tape Insulated Control/Voltage Transformer



Single & Three Phase Resin Cast Control/Voltage Transformer

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