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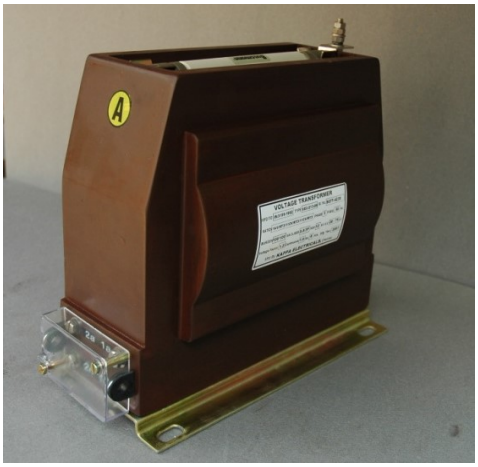
INDOOR SINGLE PHASE SINGLE POLE VOLTAGE TRANSFORMERS

- One end (N) of primary winding (A-N) should be earthed in service.
- Three such units can be interconnected in star (wye) to form a three phase bank.
- Secondary or tertiary can be connected in open delta to extract the residual voltage of the system, and can typically be rated for 110V/3, 110V/√3, 110V and 190V
- Fixed (stationary) type or plug –in type (arm/ gun type) can be offered
- Standard VT fuse or striker type fuse can be offered
- Primary neutral position can be located
    - Opposite to secondary terminals (pictured model)
    - Same side as secondary
    - On top (no fuse provision)
- Dimensions are standardized to 125mm (upto 6.6 kV) and 148 mm (upto 11 kV)
- More than 40 models available for voltage range 3.3 kV to 36kV, and accuracy class 0.2 to class 3 or 3P

FIXED TYPE SINGLE POLE VT s

Model 2165 VEC 21329, 12/36/75 kV, 148 mm

Model 2166 VEC 213 30 , 12/36/95 kV, 148 mm



Model 2167 VEC 11507
24/50/125 kV, 196 mm→

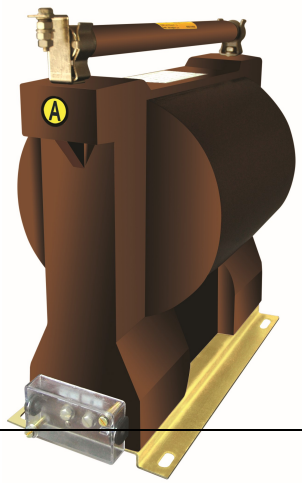


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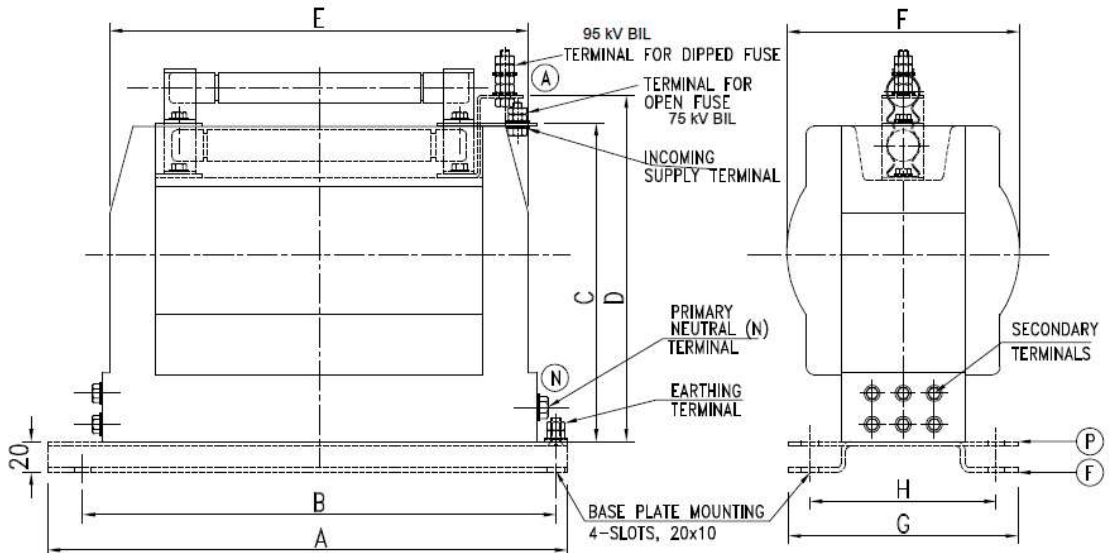
TABLE OF DIMENSIONS AND SELECTION CHART



DIMENSIONS												Max VA burden for class			
DRG	Model	A	B	C	D	E	F	G	H	Wt	ILV(BIL)	0.2	0.5	1	3/3P*
219501	VEC-213-62	280	165	205	-	240	125	125	95	18	7.2/20/60 kV	10	50	100	50
2195	VEC-213-56	375	345	205	-	320	125	125	100	23	12/28/75kV	25	100	200	100
2165	VEC-213-29	335	305	205	-	270	148	148	120	23	12/36/75kV	25	100	200	100
2166	VEC-213-30	335	305	-	275	270	148	148	120	23	12/36/95kV	25	100	200	100
2189	VEC-213-49	375	280	205		320	148	148	125	27	12/36/75 kV	50	150	250	100
2154	VEC-213-09	335	305	230	-	270	160	148	120	26	12/36/75kV	50	200	250	200
2158	VEC-213-10	335	280	-	275	270	170	148	125	23	12/36/95kV	50	200	250	200
216701	VEC-213-71	370	290	315		400	196	160	140	30	15/38/95 kV	100	250	300	100
2167	VEC-115-07	370	290	315	-	400	196	160	140	30	24/50/12kV	50	150	200	100
3180*	VEC-216-01	295	180	415		350	230	240	230	65	36/70/170 kV	50	150	200	100
*No provision for fuse.. Suitable for VF 1.2 cont, and 1.9/30sec OR 1.9/8hrs *Add'I winding.															

Dimensions can be customized. Only typical models are featured In the Table above.

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PLUG-IN TYPE SINGLE POLE VT s

Model 2176 VEC 213 40
Plug-in type, 12/28/75 kV
148 mm

Model 2179 VEC 213 42
Plug-in type, 15/38/95 kV
148 mm

Model 3183 VEC 21604
36/70/170 kV, 210 mm→

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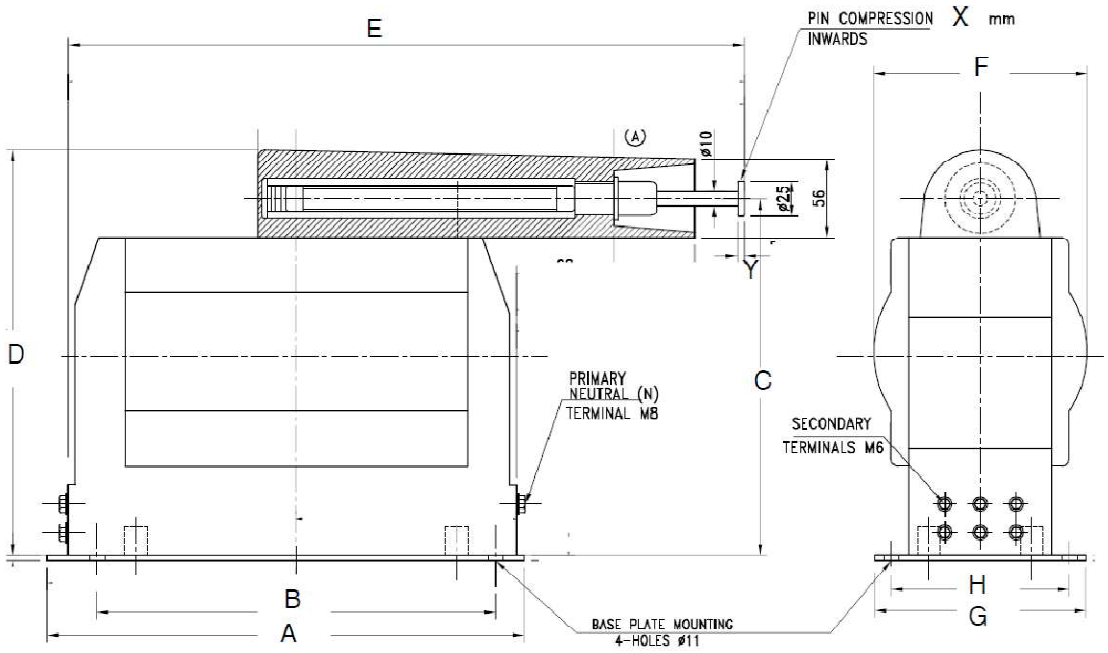
TABLE OF DIMENSIONS AND SELECTION CHART



		DIMENSIONS												Max VA burden for class			
DRG	**Model**	**A**	**B**	**C**	**D**	**E**	**F**	**G**	**H**	**X**	**Y**	**Wt**	**ILV(BIL)**	**0.2**	**0.5**	**1**	**3/3P#**
2176	**VEC-213-40**	**335**	**280**	**238**	**290**	**410**	**148**	**148**	**120**	**10**	**-**	**26**	**12/36/75 kV**	**25**	**100**	**200**	**100**
217601*	**VEC-213-72**	**270**	**225**	**238**	**285**	**445**	**148**	**100**	**72**	**10**	**30**	**26**	**12/36/75 kV**	**25**	**100**	**200**	**100**
2183 *	**VEC-213-44**	**320**	**225**	**240**	**290**	**480**	**148**	**100**	**72**	**10**	**5**	**30**	**15/38/95 kV**	**50**	**150**	**200**	**100**
2184 *	**VEC-213-45**	**320**	**225**	**240**	**290**	**480**	**148**	**100**	**72**	**10**	**-**	**30**	**15/38/95 kV**	**50**	**150**	**200**	**100**
2188	**VEC-213-48**	**335**	**280**	**240**	**290**	**480**	**148**	**148**	**125**	**10**	**5**	**30**	**15/38/95 kV**	**50**	**150**	**200**	**100**
2197	**VEC-213-58**	**325**	**280**	**240**	**290**	**493**	**148**	**148**	**125**	**10**	**5**	**30**	**15/38/95 kV**	**50**	**150**	**200**	**100**
210001	**VEC-213-78**	**335**	**270**	**240**	**283**	**483**	**148**	**148**	**125**	**18**	**5**	**30**	**15/38/95 kV**	**50**	**150**	**250**	**100**
3183	**VEC-216-04**	**295**	**180**	**387**	**445**	**670**	**210**	**240**	**200**	**10**	**5**	**55**	**36/70/170kV**	**50**	**200**	**250**	**200**
		Suitable for VF 1.2 cont, and 1.9/30sec OR 1.9/8hrs # Add'l winding. * without baseplate															

Dimensions can be customized. Only typical models are featured In the Table above.