



GE-ITI

IEC Indoor Voltage Transformer

GV2B-2, GV4B-2 Series



- Double Pole
- Cast Resin Construction
- 7.2 to 24kV
- Single & Dual Windings Available
- Dimensions Per DIN 42600 Part 9

Type	GV2B72-2	GV2B12-2	GV4B17-2	GV4B24-2
Operating Voltage (Maximum)	7.2 kV	12 kV	17.5 kV	24 kV
Rated Power-Frequency Withstand voltage (1 Minute)	20 kV	28 kV	38 kV	50 kV
Rated Impulse Test Voltage (BIL)	60 kV	75 kV	95 kV	125 kV
Rated Frequency	50/60 Hz			
Primary Rated Voltage	6.6 kV, 10 kV, 11 kV		15 kV, 20 kV, 22 kV	
Secondary Rated Voltage	100 V, 110 V			
Rated Burden for Measuring Class	0.2	10 VA	10 VA (15 VA)	
	0.5	50 VA	50 VA (60 VA)	
	1.0	100 VA	120 VA (150 VA)	
Rated Thermal Limiting Output	400 VA / 4A			
Rated Burden for Protection Class 3P	60 VA			100 VA
Insulation Class	E			
Ambient Temperature	-5 +40 Degrees C			
Altitude	1000 m			
Ambient	IEC 60044-2			
Weight (Approx.)	26 kg			35 kg



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Part Number Configurator

**	**	**	**	*	**	**
Type	Primary Voltage	Secondary Voltage Winding 1	Secondary Voltage Winding 2	RVF	Accuracy Secondary Winding #1	Accuracy Secondary Winding #2
Table 1	Table 2	Table 3	Table 3	Table 4	Table 5	Table 5

Part Number Example: PE04AHAA3BEAA

Type	GV2B72-1
Operating Voltage (maximum)	7.2kV
Rated Power Frequency Withstand Voltage (1 Minute)	20kV
Rated Impulse Test Voltage (BIL)	60kV
Primary Voltage	6.6kV
Secondary 1	100
Secondary 2	N/A
RVF	1.5, 30 Sec
Accuracy 1	0.2 (10VA), 0.5 (50VA), 1.0 (100 VA)
Accuracy 2	N/A

Ordering Code Tables

Table 1 - Type

Type	Ordering Code	Max. Operating Voltage (kV)	Power Frequency Withstand (kV)	Rated Impulse Test Volt (kV)
GV2B72-2	PE	7.2	20	60
GV2B12-2	PF	12	28	75
GV4B17-2	PG	17.5	38	95
GV4B24-2	PH	24	50	125

Table 2 - Primary Voltage

Primary Volts	Ordering Code	Primary Volts	Ordering Code
6	02	6/√3	13
6.3	03	6.3/√3	14
6.6	04	6.6/√3	15
10	05	10/√3	16
11	06	11/√3	17
15	07	15/√3	18
20	08	20/√3	19
22	09	22/√3	20
None	01		

Table 3 - Secondary Voltage

Secondary Volts	Ordering Code
100/√3	AB
100/√3 with 100/3 Tap	AC
100/3	AD
110/√3	AE
110/√3 with 110/3 Tap	AF
110/3	AG
100	AH
100 with 100/√3 Tap	AJ
110	AJ
110 with 110/√3 Tap	AL
None	AA



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Table 4 - RVF

Rated Voltage Factor	Time	Ordering Code
1.2	Continuous	2
1.5	30 Sec	3
1.9	30 Sec	4
1.9	8 Hrs	5

Table 5 - Accuracy

Type	Measuring							Protection Class	
GV2B72-2 & GV2B12-2	Class	Burden (VA) - Single Winding				Burden (VA) - Dual Winding		Class	Burden (VA)
	0.2	10	20	30		10/10	15/15	3P	60
	0.5	50	60	100		30/30	50/50		
	1.0	100	120	150		50/50	75/75		
	None	AA							
	Code	BE	AJ	AP		AS	AV		BA

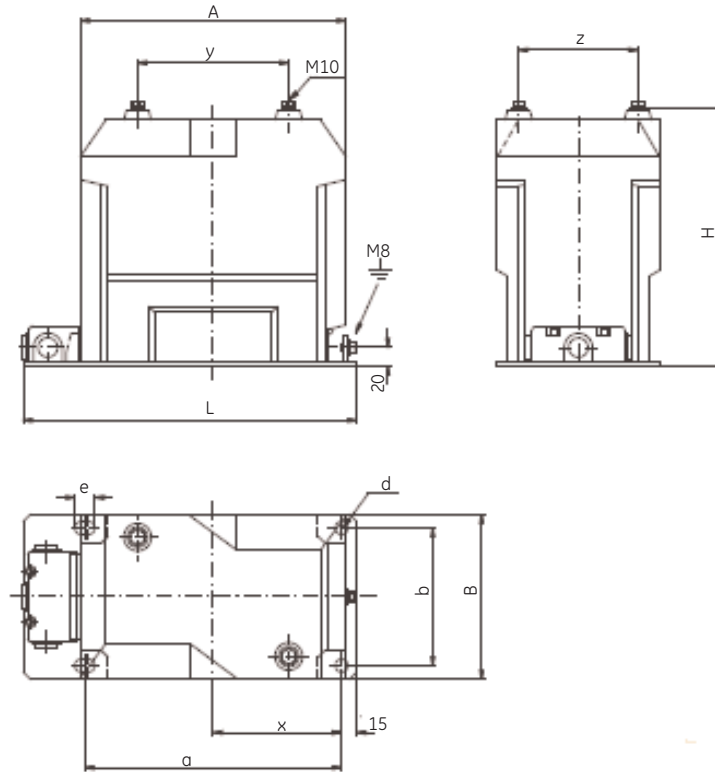
Type	Measuring							Protection Class	
GV4B17-2	Class	Burden (VA) - Single Winding				Burden (VA) - Dual Winding		Class	Burden (VA)
	0.2	10	15			10/10		3P	60
	0.5	50	60			30/30			
	1.0	120	150			50/50			
	None	AA							
	Code	AB	AH			AS			BA

Type	Measuring							Protection Class	
GV4B24-2	Class	Burden (VA) - Single Winding				Burden (VA) - Dual Winding		Class	Burden (VA)
	0.2	10	15	20	30	10/10	15/15	3P	100
	0.5	50	60	60	100	30/30	50/50		
	1.0	120	150	100	150	50/50	75/75		
	None	AA							
	Code	AB	AH	AJ	AP	AS	AV		BC

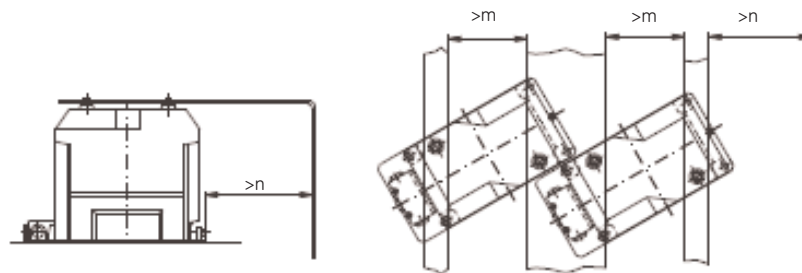


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Tested terminal zones



Type	Dimensions (mm)													Legend	Starting torque
	B	L	H	A	a	b	d	e	x	y	z	m	n		
GV2B72-2	148	350	220	280	270	125	11	21	135	100	110	100	110	Primary terminal M10	30 - 40 Nm
GV2B12-2	148	350	220	280	270	125	11	21	135	100	110	100	110	Ground terminal M8	16 - 20 Nm
GV4B17-2	178	360	280	290	280	150	14	24	140	165	130	190	210	Secondary terminal M5	2 - 2.5 Nm
GV4B24-2	178	360	280	290	280	150	14	24	140	165	130	190	210		

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