

PHASEMETERS



90° - 250° DEFLECTION

Scale in $\cos \varphi$

2 mA moving coil analog panel meter (other ratings on request) associated with a T82 or TRIAD measurement transducer (see Transducers chapter)

Accuracy class: 2.5

TRANSDUCERS TO USE

The transducer to use with the analog panel meter must be chosen in the “TRANSDUCERS” chapter of this catalog.



T82N



TRIAD 2

CUSTOMIZED PRODUCT

	Network	Deflection	Format	Frequency	CT secondary	Voltage	Measurement range	Transducer model
Examples	Single Unbalanced three-phase	250° 360°	72 x 72 96 x 96	50 Hz 60 Hz	5 A 1 A	230 V 440 V	0.5 cap / 1/0.5 -1 / 0 / +1	TRIAD T82

ASSOCIATED PRODUCTS



Accessories

Seal, ring fastener, dial, sleeve, etc.
page 225



Current transformers

Cable primary, busbar primary, closed core or split core, etc.
page 108

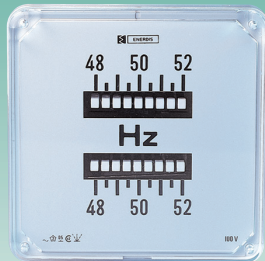


TRIAD 2

Digital transducers
1 to 4 analog outputs. Class 0.1.
page 156

SYNCHRONIZERS

Vibrating-reed double frequency meter



Accuracy class: 0.5
Consumption: 3 VA
Operating range: 0.8 to 1.15 U_n
Measuring component: vibrating reed in field of coil
Amplitude of vibration: proportional to V^2

FEASIBILITY LIMITS

Voltage 57.7 V to 440 V

		2 rows of 9 segments	
Format		72 x 72	96 x 96
Frequency	Voltage		
48-52 Hz	100/ $\sqrt{3}$ V	■	■
	100 V		FL12 0677
	230 V	■	FL12 0678
	400 V	■	FL12 0679
58-62 Hz	100/ $\sqrt{3}$ V	■	■
	100 V	■	■
	230 V	■	■
	400 V	■	■

CUSTOMIZED PRODUCT

	Format	Frequency	Voltage
Examples	96 x 96 72 x 72	48-52 Hz 58-62 Hz	100/ $\sqrt{3}$ V 415 V

ASSOCIATED PRODUCTS



Accessories

Seal, ring fastener, dial, sleeve, etc.
 page 225

Differential Voltmeter



90° DEFLECTION - 250°
Accuracy class: 2.5
Consumption: 0.5 VA per circuit
Frequency: 50-60 Hz
Measurement range: 0.75 to 1.25 U_n
Additional unit "B"

FEASIBILITY LIMITS

Voltage 57.7 V to 440 V, other measurement ranges

		Deflection 90°	
Format		72 x 72	96 x 96
Voltage U_n			
100/ $\sqrt{3}$ V	■		■
100 V	■		BASS 0591
230 V	■		BASS 0592
400 V	■		BASS 0593

		Deflection 250°	
Format		72 x 72	96 x 96
Voltage U_n			
100/ $\sqrt{3}$ V	■		■
100 V	■		■ C250 069
230 V	■		■
400 V	■		■

CUSTOMIZED PRODUCT

	Deflection	Format	Voltage	Measurement range
Examples	90° 250°	72 x 72 96 x 96	100 V 100/ $\sqrt{3}$ V	±25% ±50%