

Phase sequence indicators



Electronic phase sequence indicators ensure correct phase rotation and the presence of all 3-phase supplies. Incorrect or loss of phase can cause serious damage in a wide range of electrical machines. Ship-to-shore supplies, mobile generators and remote installations are particularly vulnerable to this problem.

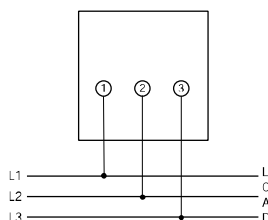
Voltage	151/300 V, 301/500 V 100/150 V (Model 244-12P only)
Frequency	50/60 Hz
Burden	2.5 VA/phase

DIMENSIONS

Bezel size mm	72	96
Product codes		
Phase sequence indicator	243-12P	244-12P

CONNECTIONS

Phase sequence indicators



Phase angle meters

Phase angle meters indicate the phase displacement between current and voltage. They are used in applications where the phase angle must be monitored, for example with tariffs having VAR penalties, or to optimise generator power delivery.

PRODUCT CODES - SHORT-SCALE MODELS

DIMENSIONS

Bezel size mm	72	96
Scale length mm	65	94
Product codes		
3-phase 3/4-wire balanced load	E243-42A	E244-42A

SPECIFICATIONS

Accuracy	Class 1.5
Ratings	Current: 1 A or 5 A for CTs Voltage: 110 V, 240 V, 380 V & 400 V for VT use
Frequency	50 Hz, 60 Hz
Burden at 50 Hz	Current: 1 VA Voltage: 3 VA per phase
Current range	20-120%

CONNECTIONS

3-phase, 3/4-wire balanced systems

