

070 Series ANSI Switchboard Meters

360° A.C. LED Synchroscope

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Specification

Voltage:	120, 240, 480 Volts A.C. or via P.T.	Safety:	IEC1010-1(300V A.C. rms installation degree 2)
Frequency:	40/65Hz	Dielectric:	4kV rms for 1 minute
Burden @ 60Hz:	4VA maximum	Isolation:	BUS/GEN/RELAY
Suitable for single or three phase systems		Vibration:	To Lloyds shipping specification

Rating		Scaling	4 1/2" Square Flange Standard Case Catalogue No.
120V	40/65HZ	SLOW FAST	077-14AU-PQYY-FQ
240V	40/65HZ	SLOW FAST	077-14AU-RRYY-FQ
480V	40/65HZ	SLOW FAST	077-14AU-SEYY-FQ

For connection diagram please see page 57 Fig 30

A.C. Synchrocheck Relay and LED 360° Synchroscope

A.C. Synchrocheck Relay & LED 360° Synchroscope



Specification

Voltage:	110/120V (115V nominal) 220/240V (230V nominal) 380/480V (430V nominal)	Phase Difference:	+0 to 20° ±1°
		Voltage Difference:	+0 to 20% ±2%
		Time Delay:	0 to 2.5 seconds +10%

Rating		Scaling	4 1/2" Square Flange Standard Case Catalogue No.
Live Bus			
110/120V	40/65HZ	SLOW FAST	077-14GU-POYY-FQ
220/240V	40/65HZ	SLOW FAST	077-14GU-RSYY-FQ
380/480V	40/65HZ	SLOW FAST	077-14GU-SZYY-FQ
Dead Bus			
110/120V	40/65HZ	SLOW FAST	077-14HU-POYY-FQ
220/240V	40/65HZ	SLOW FAST	077-14HU-RSYY-FQ
380/480V	40/65HZ	SLOW FAST	077-14HU-SZYY-FQ
Live Bus			
120V	40/65HZ	SLOW FAST	077-14LU-PQYY-FQ
240V	40/65HZ	SLOW FAST	077-14LU-RRYY-FQ
480V	40/65HZ	SLOW FAST	077-14LU-SEYY-FQ
Dead Bus			
120V	40/65HZ	SLOW FAST	077-14DU-PQYY-FQ
240V	40/65HZ	SLOW FAST	077-14DU-RRYY-FQ
480V	40/65HZ	SLOW FAST	077-14DU-SEYY-FQ

For connection diagram please see page 57 Fig. 30

In the 0.77-14G and 0.77-14H models, the generator voltage is free to track the bus voltage (+ the voltage difference preset) over the input voltage range. In the 077-14L and 077-14D models, the generator voltage is to match the nominal input (bus) voltage specified (within the voltage difference preset).