



**HOKKIM**  
Giving You Control

# Control & Protection Relays

**Model : DUC2-5**

**Description : AC Under Current Relay (0-5A) with 2 Contacts**

### Utilization:

The DUC2-5 monitors alternating current. Its setting is adjustable from zero to 5.0A. The current circuit is connected to terminals S1 and S2 either directly or through current transformers.

The DUC2-5 is designed to sense under current. When the circuit current is above the setting, two internal relays will energize and the red Trip LED goes OFF while the green Up LED comes ON. If the current drops below the setting, the relays release and the red Trip LED comes ON while the green Up LED goes OFF. Contacts 11-14 & 21-24 close in the Up condition and open in the Trip or No Supply condition.

### Technical Data

Supply Voltage	:	<input type="checkbox"/> 240VAC	<input type="checkbox"/> 115VAC
		<input type="checkbox"/> 24VDC	<input type="checkbox"/> 12VDC
Frequency	:	50~60Hz	
Consumption	:	2VA Voltage Circuit	
		1VA Current Circuit	
ON/TRIP Hysteresis	:	2% of rated	
Current Adjustment	:	0 - 5A	
Indication	:	Green LED (Up)	
		Red LED (Trip)	
Dielectric Strength Between:			
Current & Voltage Circuit	:	3KV	
Output & Voltage Circuit	:	2KV	
Output Contacts	:	2KV	
Output Contacts	:	5A 240V 50Hz AC1	
Relay Up		11-14	Close
		11-12	Open
		21-24	Close
		21-22	Open
Relay Trip		11-14	Open
		11-12	Close
		21-24	Open
		21-22	Close

