

# Current Monitoring Relays

AKC Series



AKC series Current Monitoring Relays measure system currents, and shut down systems when measured current values are below or above defined levels.



CT-25

Direct monitoring up to 60A with CT-25

## PRODUCT SELECTION TABLE

Product Code		Under Current Protection	Over Current Protection	.../5A	CT-25	Pcs / Box
AKC-01D	Low Current Protection (0,5-5A)	●		●		16
AKC-01A	Over Current Protection (0,5-5A)		●	●		16
AKC-03D	Low Current Protection (between 1,5 and 60A with CT-25)	●			●	12
AKC-03A	Over Current Protection (between 1,5 and 60A with CT-25)		●		●	12

\* Please check page 80 for further information about CT-25.

## SPECIFICATIONS

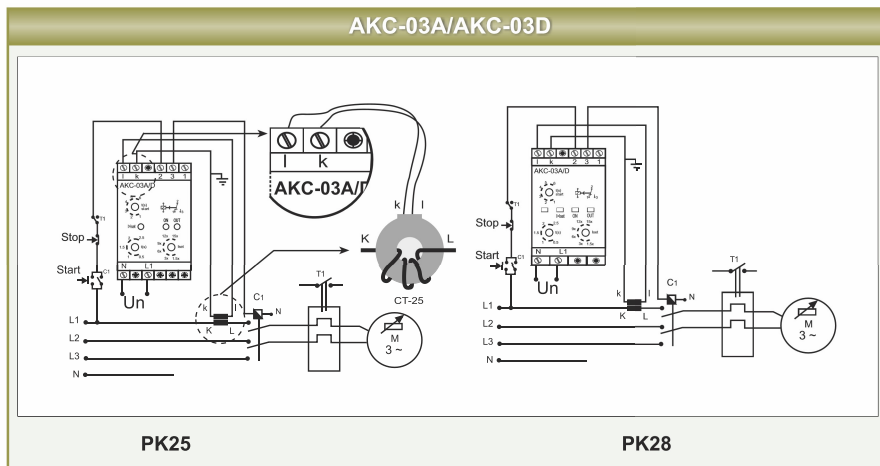
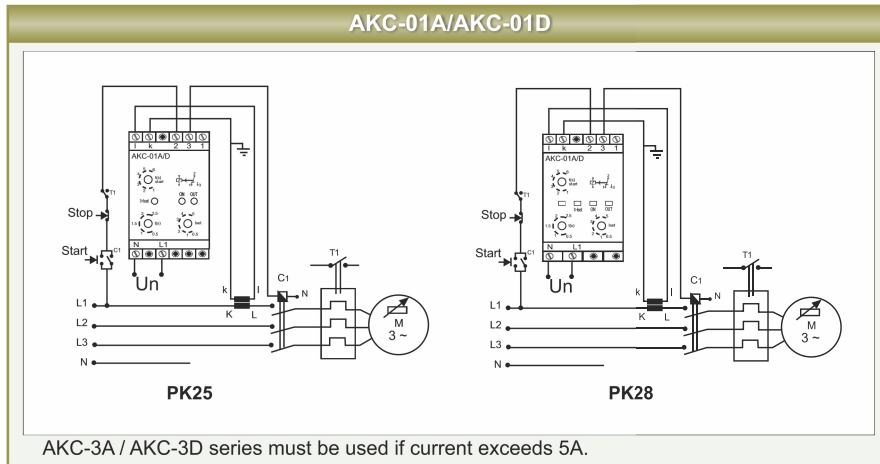
	AKC-01D	AKC-01A	AKC-03D	AKC-03A
<b>ENCLOSURE</b>				
Dimensions	DIN II TYPE PK28			
Weight	0,25kg / pcs.			
Protection Class	IP20			
<b>MEASUREMENTS</b>				
Current Adjustment Interval	0,5-5A		With 1 turn 6-60A / with 2 turn 3-30A With 3 turn 2-20A / with 4 turn 1,5-15A	
Current Transformer Ratio	.../5A		Defined ranges are for CT-25	
<b>SUPPLY</b>				
Operating Voltage	230 VAC±10%			
Operating Frequency	50/60 Hz			
<b>OUTPUT</b>				
Start-up Delay	1-6 s.			
Tripping Delay	0,5-2,5 s.			
Output Contact	1C/O 8A 2000VA			
<b>AMBIENT CONDITIONS</b>				
Ambient Temperature	-5 / +55°C ; 90%			
Over Voltage Category	III			
<b>CONNECTIONS</b>				
Mounting	Rail Mounting			
Connection Types	Single phase 2 wires (voltage) ; .../5A current transformer or with CT 25 (current)			
<b>STANDARDS</b>				
Applied Standards	EC 61010-1, IEC61000-6-2			



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## Connection Diagrams



\* Please check page 80 for further information about CT-25.

