

AKC Series
Current Monitoring Relay

AKC series current monitoring relays are designed to protect motors and systems against under or over current with a current adjustment and two delay adjustments.

Current monitoring relays measure system current, and shut down systems when measured current values are below or above defined levels.

They are used in conveyor & transport systems, heating, ventilation and air conditioning.

- Protection against under or over current
- DIN rail mounting
- Wide current adjustment interval with CT-25 current transformer
- Two delay adjustments
- 1 x 8A CO relay output
- IP20 protection class

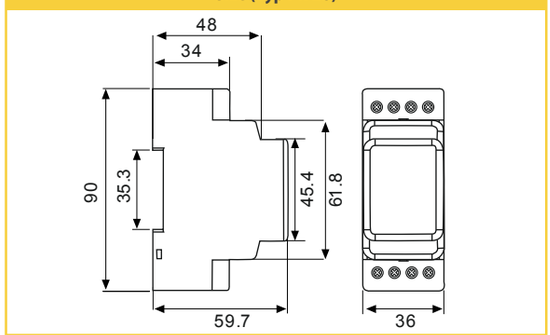
Product Code

		Under Current Protection	Over Current Protection	.../5A	CT25	Pcs/Box
AKC-01D	Under Current Protection (0,5-5A)	●		●		16
AKC-01A	Over Current Protection (0,5-5A)		●	●		16
AKC-03D	Under Current Protection (between 1,5 and 60A with CT25)	●			●	12
AKC-03A	Under Current Protection (between 1,5 and 60A with CT25)		●		●	12

SPECIFICATIONS

	AKC-01D	AKC-01A	AKC-03D	AKC-03A
ENCLOSURE				
Dimensions	PK25			
Protection Class	0,25kg / pcs.			
Protection Class	IP20			
MEASUREMENTS				
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			
SUPLPLY				
Oparating Voltage	230 VAC±10%			
Oparating Frequency	50/60 Hz			
OUTPUT				
Starat-up Delay	1-6 s.			
Tripping Delay	0,5-2,5 s.			
Output Contact	1C/O 8A 2000VA			
AMBIENT CONDITIONS				
Ambient Temperature	-5°C /+55°C ; 90%			
Over Voltage Category	III			
CONNECTIONS				
Mounting	Rail Mounting			
Connection Types	Single phase 2 wires (voltage); .../5A current transformer or with CT25 (current)			
STANDARTS				
Applied Standarts	EC 61010-1, IEC61000-6-2			

Size (Typ PK 28)



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