



GKRC-02 & GKRC-02F Voltage Monitoring Relay

GKRC-02 & GKRC-02F voltage monitoring relays provide protection against instant voltage changes and phase sequence fault at single and three phase electronic command and control systems.

Under & over voltage and time settings adjusted by trimpots allow users to make easy adjustment.

Notification LEDs on the device allow users to easily identify the problem and to get information about device status.

- 150-210 VAC under voltage setting
- 240-300 VAC over voltage setting
- Independently adjustable delay-on and delay-off times (0.1-20 sec)
- IP20 protection class
- 1 CO contact output (8A, 2000 VA)
- Rail mounting
- -10°C ... +60°C ambient temperature



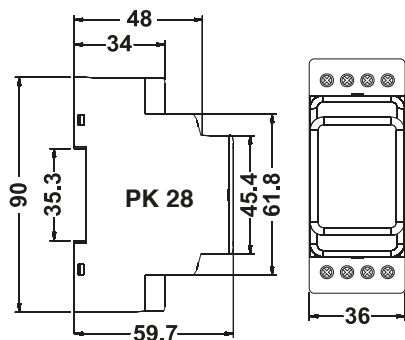
Product Code	Phase Sequence Protection	Under Voltage Protection	Over Voltage Protection	Extreme Under Voltage Protection	Extreme Over Voltage Protection	Detection of Neutral Break	Delay – off Time	Delay-on Time	Rail Mounting
GKRC-02		•	•	•	•	•	•	•	•
GKRC-02F	•	•	•	•	•	•	•	•	•

SPECIFICATIONS

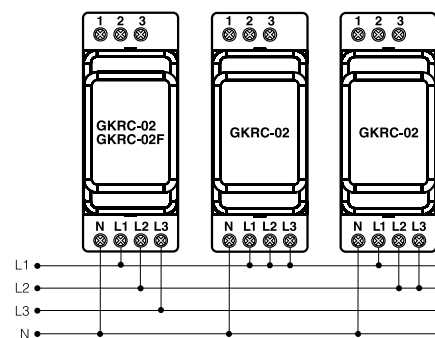
GKRC-02 & GKRC-02F

SUPPLY	
Nominal Voltage (Un)	230 VAC (±%10)
Operating Frequency	50/60 Hz
MEASUREMENT	
Under Voltage Setting Range	150 - 210 VAC ; Off
Over Voltage Setting Range	240-300 VAC ; Off
Extreme Under Voltage Limit	< 115 VAC
Extreme Over Voltage Limit	> 345 VAC
Hysteresis	3% x Un
OUTPUT / SETTINGS	
Contact Output	1 CO, 8 A, 2000 VA (cosφ=1)
Delay-off Time (t _{off})	0.1 - 20 sec
Delay-on Time (t _{on})	0.1 - 20 sec
CONNECTIONS	
Mounting Type	Rail Mounting
Connection Terminals	Screw Terminal
Connection Type	3 phase with neutral
AMBIENT CONDITIONS	
Ambient Temperature	-10 / + 60°C
Maximum Ambient Humidity	95%

Dimensions (mm)



Connection Diagram



HEADQUARTERS

Address: Dudullu OSB; 1. Cadde; No: 23 34776 Umraniye - ISTANBUL / TURKIYE Tel: +90 216 313 01 10 Fax: +90 216 314 16 15 Sales Fax: +90 216 365 71 71
E-mail: contact@entes.eu Web: www.entes.eu Call Center Technical Support: 0850 888 84 25 Coordinates: 40,995852 N, 29,178398 E

INTERNATIONAL BRANCH OFFICES

ISTANBUL : contact@entes.eu Tel: +90 216 313 01 10 Fax: +90 216 314 16 15
INDIA : contact@entes.in Tel: +91 981 - 2980004
GREECE : contact@entes.eu Tel: +30 2310 706999 +30 2310 707296
GERMANY : kontakt@enteselektronik.com Tel: +49(0) 7022-931992-0

© ENTES Elektronik Cihazlar İmalat ve Ticaret A.Ş.

