

KGS 03 is a voltage indicator that shows whether there is a voltage on busbar or not. KGS 03 is used in Switchgears in MV Switching Centers.

Thank to its voltage measurement terminals on the front panel, Phase – Phase and Phase – Earth Voltages measurements are done and able to track the voltage of the each phase by LEDs.

KGS 03 designed with a surge arrester to protect it self againts over voltage.

KGS 03 designed according to IEC 61243-5 standard. It follows busbar voltage continuously and if  $U > \%10 U_n$  its LEDs become active and if  $U < \%10 U_n$  its LEDs become passive.

KGS 03 production vary dependig on the capacity valuesf of Capacitive Voltage Divider Isolaters. These values must be specified before the order.



- 2kV – 72kV Operating Voltage Level
- Easy to use with the help of Socketed Rear Teminals
- Measurement possibility via instrument
- Protected Against Overvoltage
- 100.000 hour lifetime LED
- Special Design for easy assembly
- No need lead tack, saves time

Auxiliary Power Supply	None
Operating Voltage Level	2kV – 72kV
Indication	100.000 life time LEDs
Measurement Points	3 Phase
Capacitive Voltage Divider	1 - 50 pf (12-24-36kV)
Protection	Surge Arrester
Assembly	Front
Dimension	36 x 62 x 45
Protection Class	IP20
Operating Temperature	-30°C / +85°C
Weight	<0,05 kg

KGS 03 rear panel consists of socketed type terminals. 2,5mm NYAF cables are connected to these terminals form capacitive post insulator. It provides easy connection.

