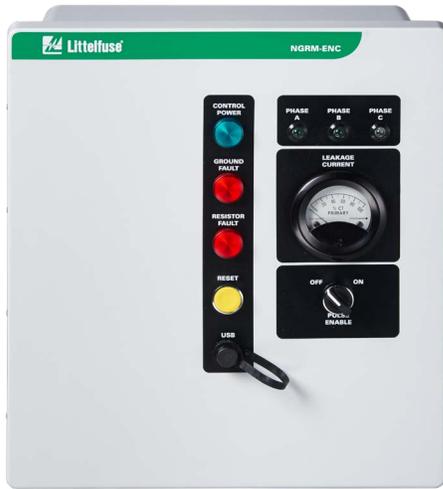


NGRM-ENC SERIES

NGRM-ENC



Description

The NGRM-ENC Enclosed Neutral-Grounding-Resistor (NGR) Monitor series is a Type 4X enclosure housing a Littelfuse Startco SE-325 or SE-330 Neutral-Grounding-Resistor Monitor and optional accessories that include a 480/600-V control power transformer (CPT), faulted-phase indication (FPI); implemented with an EL3100 Ground-Fault & Phase-Voltage Indicator), earth-leakage panel meter, pulse-enable control, and mounting options. Appropriate fusing is included and field wiring is to terminal blocks.

Options



SE-325 Neutral-Grounding-Resistor Monitor

Measures current and voltage in a transformer or generator neutral-to-ground connection and continuity of the neutral-grounding resistor.



SE-330 Neutral-Grounding-Resistor Monitor

Advanced ground-fault and neutral-grounding resistor monitoring relay that measures neutral ground current, neutral-to-ground voltage, and neutral-to-ground resistance.



EL3100 Ground-Fault & Phase-Voltage Indicator

Three panel-mounted LEDs indicate the ground-faulted phase.



Panel Meter

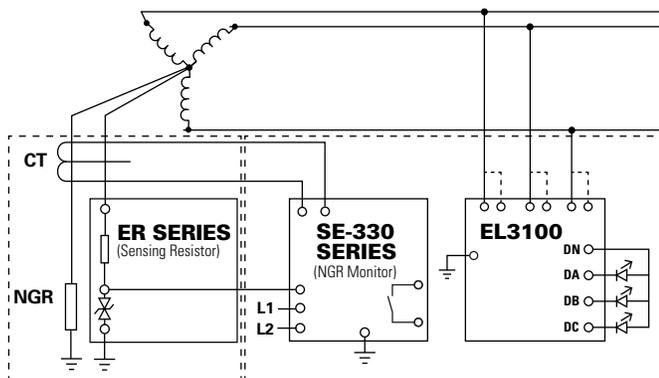
Panel-mounted meter displays earth leakage current as a percentage of the ground-fault-CT-primary rating.



RK-332/RK-302 Remote Indication and Reset

Panel-mounted remote indication and reset assemblies are included with SE-325 and surface-mounted SE-330 configurations.

Simplified Circuit Diagram



NGR Assembly
(ordered separately)

NGRM-ENC
(SE-330 with voltage indication shown)

Ordering Information

The following options are available with a faster shipping time:

ORDERING NUMBER	PROTECTION RELAY OPTION	NGR MONITOR MOUNTING OPTION	AMMETER & PULSE CONTROL OPTION	COMMS	CONTROL-POWER TRANSFORMER OPTION
NGRM-ENC-000-01	SE-325	Surface mounted	None	None	CPT
NGRM-ENC-200-01	SE-330 (K4=N0)	Surface mounted	None	None	CPT
NGRM-ENC-201-01	SE-330 (K4=N0)	Panel mounted	None	None	CPT
NGRM-ENC-201-11	SE-330 (K4=N0)	Panel mounted	Ammeter	None	CPT
NGRM-ENC-230-01	SE-330 (K4=N0)	Surface mounted	None	Ethernet/2 RJ45 ports	CPT
NGRM-ENC-231-01	SE-330 (K4=N0)	Panel mounted	None	Ethernet/2 RJ45 ports	CPT