

Neutral Grounding Resistor (NGR) Checklist

Date: _____

Customer Name: _____

Project Name: _____

Company Name: _____

Address: _____
Street Address

Bid Required by Date: _____

Requested Delivery Date: _____

_____ City _____ State/Province

Shipping: (Prepaid and add) shipping EXW factory
in Mississauga, ON

_____ Zip/Postal Code

Drawing approval required

NGR Specification

1. System Type:

Wye Delta (c/w zig zag transformer)

NGR Quantity

2. System Voltage (LL):

480 V 600 V 2,400 V 4,160 V

13,800 V 25,000 V Other: _____

3. Time Rating (Duty):

Continuous 10 s 60 s

4. NGR Let-through Current:

5 A 10 A 25 A 200 A

Other: _____

5. Pulsing Circuit:

Yes No Pulsing Level: _____ A to _____ A

6. Enclosure:

Indoor NEMA Type 1 (IP23)

Outdoor NEMA Type 3R (IP54)
(standard)

OEM Kit

Painted Galvanized Steel

Other: _____

Advanced Functionality

1. Switchgear Configuration:

Single Main Main-Tie-Main Other _____

2. Resistor Monitoring Relay:

(No comms)

RC48N

	Communication Capable		
NGRM500	NGRM550	NGRM700	NGRM750
AC/DC Ground Fault Detection			

3. Feeder Monitoring and Control:

NOTE: For a quote with the correct CTs, include information of feeder sizes and number of conductors.

Number of Feeders: _____ Number of Feeders requiring AC/DC: _____
(feeders with VFD's, UPS or other non-linear loads)

Second-ground-fault protection (PLC)

4. Options:

Virtual Training

Commissioning

Test Resistor

Heater

Horn

Analog Handheld Ammeter

Light

Control Power Transformer

Other: _____

5. Separate LV Control Package

Standard 480 and 600 V designs are in one enclosure, and MV designs have separate NGR and control enclosures, unless otherwise specified.

Special Requests or Additions

Additional CT Required	Brand, Ratio, other info: _____
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Seismic Rating Required: Level: _____

Cable Entry or Bushings: Bushings Top Knockout Plate

Bushings Side

Altitude greater than 3000 m AMSL required: _____

Please provide file name if supplying single line diagram.

Notes

Preferred Channel

Consulting Engineer
