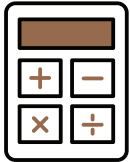




CONCENTRIC NEUTRAL CALCULATOR FOR UTILITY POWER AND RENEWABLES

Offered exclusively by Southwire



Southwire's Re³™ Concentric Neutral Calculator advances U.S. grid modernization by enabling cost-efficient, safety-focused design of Made-in-America medium-voltage cables for infrastructure, power distribution & generation, and renewable energy projects. The tool now enables short-circuit capacity validation for the selected concentric neutral configuration.



SCAN TO ACCESS



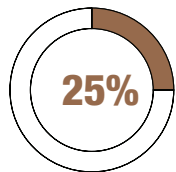
Power	Wind	Solar	Hydro	Battery Energy Storage Systems (BESS)	Biomass and Geothermal

OVER 200 DESIGN COMBINATIONS FOR ANY SPECIFIC CONDUCTOR SIZE

- ✓ 25 Conductor Sizes
- ✓ 100% vs. 133% Thickness
- ✓ ICEA, UL, or CSA Standard
- ✓ Aluminum vs. Copper
- ✓ MV-90 vs. MV-105
- ✓ 13 Neutral Ratings
- ✓ TRXLP vs. EPR Insulation
- ✓ Short Circuit

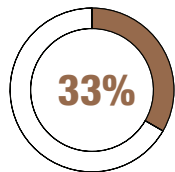


EXAMPLES OF CALCULATOR RESULTS FOR 35KV ALUMINUM 250 KCMIL CABLE



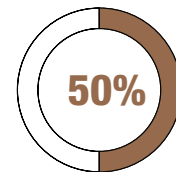
1/4 NEUTRAL

MV-90 LLDPE:
10 X 14 AWG
Short circuit (0.5 sec): 3.77 KA
MV-105 XLPE
7 x 14 AWG
Short circuit (0.5 sec): 3.52 KA



1/3 NEUTRAL

MV-90 LLDPE:
13 X 14 AWG
Short circuit (0.5 sec): 4.90 KA
MV-105 XLPE
10 x 14 AWG
Short circuit (0.5 sec): 5.02 KA



1/2 NEUTRAL

MV-90 LLDPE:
19 X 14 AWG
Short circuit (0.5 sec): 7.17 KA
MV-105 XLPE
14 x 14 AWG
Short circuit (0.5 sec): 7.03 KA



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To learn more about our resources or to request a custom engineering document contact: CableTechSupport@Southwire.com