EMR-3MP0 Retrofit for MP-3000 Reduced Voltage Starter Applications

Auto-Transformer and Reactor
EMR-3MP0 Reduced Voltage Starter Configuration General Notes

- For both Autotransformer and Reactor Starters
- Digital input DI2 is used for Incomplete Sequence protection
- RO2 is wired as the “transition” contact (always on terminals 2 and 3 of the EMR-3MP0 wiring adapter)
- RO2 should be configured in software as NC for Autotransformer and NO for Reactor
- Trip contact should be connected to RO3 terminals 12 and 13 and configured in software as NC.
Reduced Voltage – Autotransformer – Original MP-3000 Wiring
EMR-3MP0 Reduced Voltage Auto-Transformer Starter Configuration (PowerPort-E)

- Input for incomplete sequence indication from starter
- Transition output – RO2 set for NC
- Trip output RO3 with blocking for SPH, NOCS, TBS...
- Incomplete Sequence Trip
Reduced Voltage – Reactor – Original MP-3000 Wiring
**EMR-3MP0 Reduced Voltage Reactor Starter Configuration (PowerPort-E)**

Input for incomplete sequence indication from starter

Transition output – RO2 set for NO

Trip output RO3 with blocking for SPH, NOCS, TBS...

Incomplete Sequence Trip