

Digital Selector Descriptions

Air Shutoff

- Activated by Emergency Stop Condition
- Activated by Overspeed Condition
- Automatically deactivates after 5 second delay

Start Aid

- Requires setpoint "Start Aid Activation Time" set greater than zero
- Activated when engine start is initiated
- Deactivates after Start Aid Activation Timer expires

Common Warning

- Activated anytime the EMCP 3 initiates and/or detects a warning event
- Deactivates when no warnings are present

Common Shutdown

- Activated anytime the EMCP 3 initiates and/or detects a shutdown event
- Deactivates when no shutdowns are present or active

Common Alarm

- Activated anytime the EMCP 3 initiates and/or detects a shutdown or a warning event
- Deactivates when no warnings or shutdowns are present or active

Crank Alert

- Requires setpoint "Crank Alert Activation Time" set greater than zero
- Activated when engine start is initiated
- Deactivates after Crank Alert Activation Timer expires

Engine Start Initiated

- Activated when engine start is initiated
- Deactivates when engine stop is initiated

Engine Started

- Activated when engine has reached crank terminate speed
- Deactivates when engine is stopped

Rated Speed

- Activated when engine has reached crank terminate speed and sufficient oil pressure is detected

NOTE: Intended to give a rated speed permissive signal to a governor on a MUI engine

Horn Control

- Activated when any event occurs that has an event response configuration set for "audible alert"
- Deactivates when event is neither present or active or when the alarm acknowledge key is pressed

ECU Fault Reset

- Activated when the EMCP 3 is in STOP mode and any event reset is being initiated

Digital Selector Descriptions

Disable Aux AC Supply

- Activated when engine start is initiated
- Deactivates when engine is stopped

Breaker Trip 1

- Activated when any event occurs that has an event response configuration set for “breaker trip 1”
- Deactivates when the event is neither present nor active

NOTE: This output does not control a circuit breaker unless the user makes the connections to do so.

Breaker Trip 2

- Activated when any event occurs that has an event response configuration set for “breaker trip 2”
- Deactivates when the event is neither present nor active

NOTE: This output does not control a circuit breaker unless the user makes the connections to do so.

Event Output Function

- Requires setpoint configuration for Event Output Function #1
- Activated while Event Output 1 is active

V&Hz Within Limits

- Activated when measured generator voltage and frequency are both within the event thresholds for their respective parameters
- Deactivates when either measured generator voltage or frequency are outside of the event thresholds for their respective parameters

In Cooldown

- Requires setpoint “Cooldown Duration” set greater than zero
- Activated when engine stop has been initiated and cooldown cycle begins
- Deactivates when cooldown timer has expired

Auto Mode

- Activated after the Auto Key has been pressed and while the EMCP 3 remains in the auto mode

Run Mode

- Activated after the Run Key has been pressed and while the EMCP 3 remains in the run mode