

The following I/O functions are available on the DR Series drives

Analog Inputs: (gains fully adjustable)

Drive Command
Motor Temperature

Analog Outputs: (output gains are fully adjustable)

Torque Demand
Torque Measured
Torque Target
Velocity Target
Velocity Demand
Velocity Feedback
Velocity Measured
Velocity Error
Flux Target
Flux Demand
Flux Measured
Current Phase A
Current Phase B
DC Bus Voltage
Analog Input 1
Analog Input 2
Analog Input 3
Phase Angle
Motor Temperature
Drive Temperature
Command Profiler Input

Digital Inputs: (polarity is adjustable)

Inhibit
Positive Inhibit
Negative Inhibit
Motor Over Temperature
Phase Detection
Dynamic Break

Digital Outputs: (polarity is adjustable)

Short Circuit Fault
Over Voltage (HW)
Under Voltage (HW)
Drive Over Temperature
Motor Over Temperature
Over Current
Positive Inhibit
Negative Inhibit
Startup Disable
Drive Internal Error
Parameter Restore Error
Parameter Store Error
Log Entry Missed
Commanded Inhibit
User Inhibit
Current Limiting
Cont. Current Limit Reached
Current Loop Saturated
User Under Voltage
User Over Voltage
Commanded Dynamic Brake
User Dynamic Brake
Shunt Regulator
Feedback Sensor Error
Phase Synchronization Error
Non-Sinusoidal Commutation
Phase Detection
Phase Detection Fault
Motor Over Speed
Zero Velocity
At Velocity
Velocity Following Error
Positive Velocity Limit
Negative Velocity Limit
Command Profiler Active
Phase Detection Complete