Arlyn Scales

V2.0

DC Relay Wiring (MAX 60VDC, 3.3A)

This diagram shows how to wire the DC Solid State Relays to your system. In this example, a two relay box is used as an illustration. The other relays should be wired in a similar fashion. The diagram assumes customer supplied voltage of 24VDC but it can go upto 60VDC.

Note: These relays are NOT “dry contact” relays. They will not “short” at the output. They are designed for switching DC voltages only.

LEGEND:

SCALE SIDE (SETPOINT ACTUATOR)
3V3 – Common voltage from Scale (Sink Configuration)
1S – Setpoint Input 1
2S – Setpoint Input 2
…
GND – Scale Ground Reference

LOAD SIDE (RELAY CONTROLLED OUTPUT)
+VE – Customer Sourced Power (Max 60VDC)
1A – Output from Relay 1
2A – Output from Relay 2
…
GND – Supply Ground