7.10.6. Relay Module RLY4

The RLY4 module "output" contains four power relay contacts capable of working at 2A, 250Vac. Otherwise, module operation is exactly the same as the other logic output modules.

Channel Types:	On/Off, TPO, Valve Raise/Lower
Number of channels:	3 N/O (normally open contact), 1 C/O (changeover contacts)

7.10.7. RLY4 Isolation Barriers

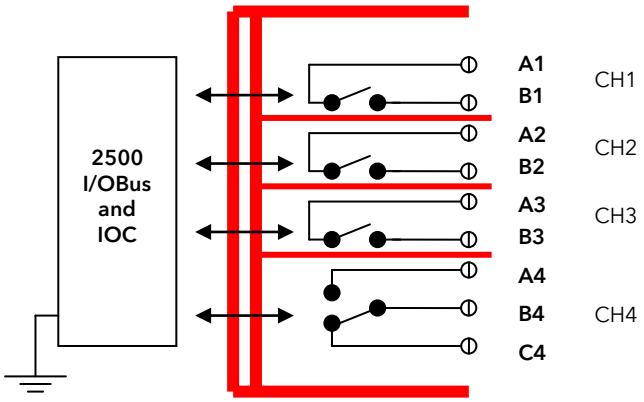


Figure 7-36: Isolation Barriers for RLY4 Module

7.10.8. RLY4 Terminal Connections

The RLY4 Terminal Unit provides 12 screw terminals for channel wiring:

1A	2A	3A	4A
1B	2B	3B	4B
			4C

7.10.9. RLY4 Snubber Circuits

Each relay is fitted with a 'snubber' (22nF + 100Ω) wired across the normally-open (N/O) contacts. These are to prolong contact life particularly when switching inductive loads.

In ac applications snubbers will pass a small current when the contacts are open - typically 1mA at 110V and 2mA at 240V. This current may be sufficient to hold in some relays with low coil current. The fitted snubbers may be removed and alternatives wired to the terminals.

Use the Terminal Unit Fuses to isolate live terminals if there is a need to "hot swap" the module. Take particular care when using the RLY4 for alarm or safety circuits.