

CONTROL OF DOUBLE ACTING CYLINDER

Types of Relays

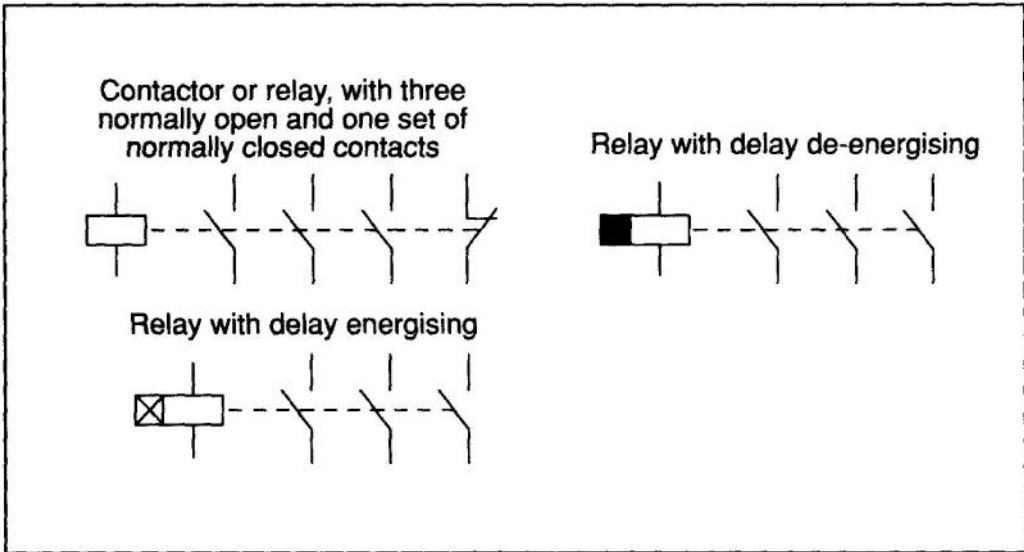


Figure 9.5 Types of Relays

Signal flow in Electro Pneumatic Circuit

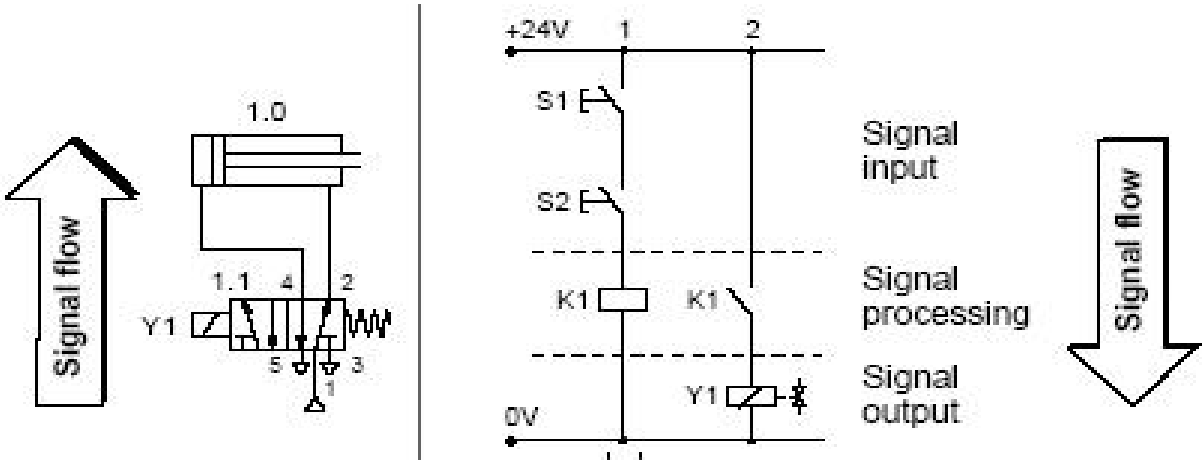


Fig 9.6 Signal Flow in Pneumatic and Electrical Control Circuit

Indirect Action of Double Acting Cylinder Using a Relay

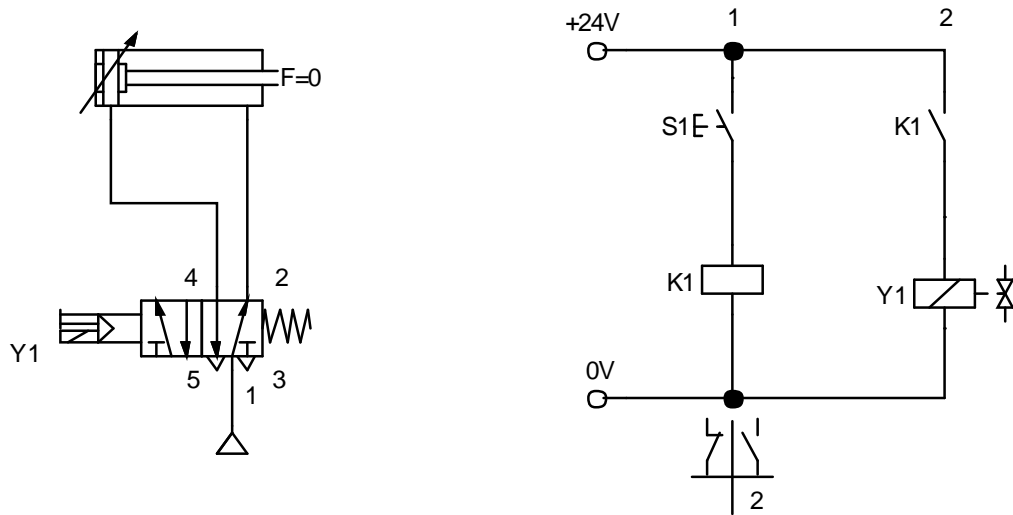


Figure 9.7 Control of Cylinder Movement indirectly using Relay

Indirect Actuation of Double Acting Cylinder for Forward and Return Motion

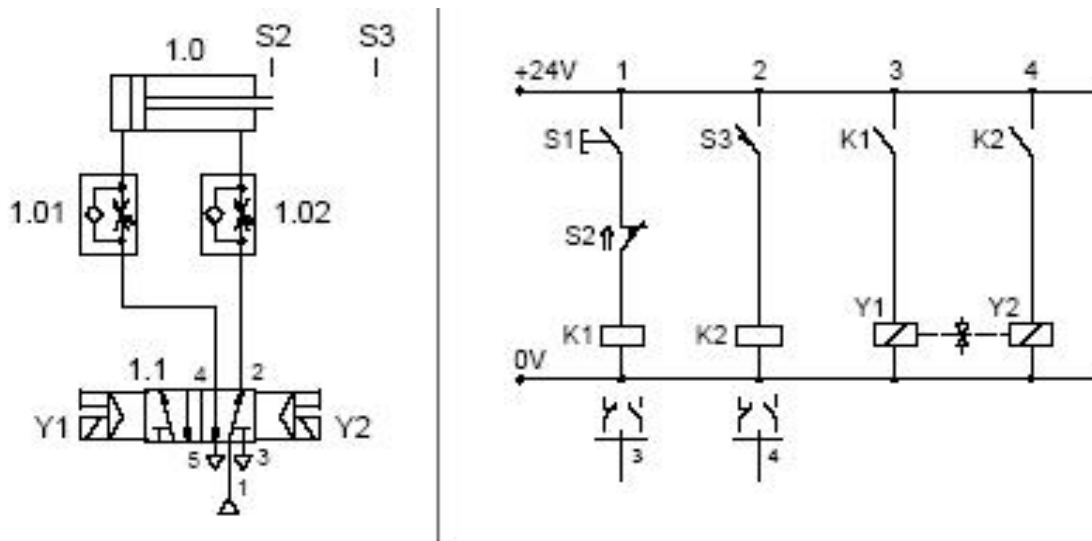
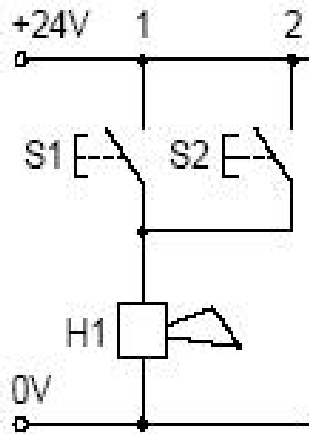
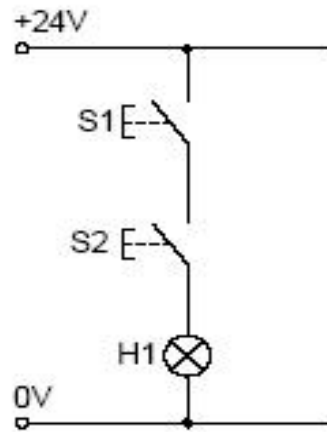


Figure 9.8 Indirect Control of Double Acting Cylinder With continuous Reciprocating Motion

Logic Circuits



OR Logic Circuit



AND Logic Circuit

Figure 9.9: OR and AND Logic Circuit

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