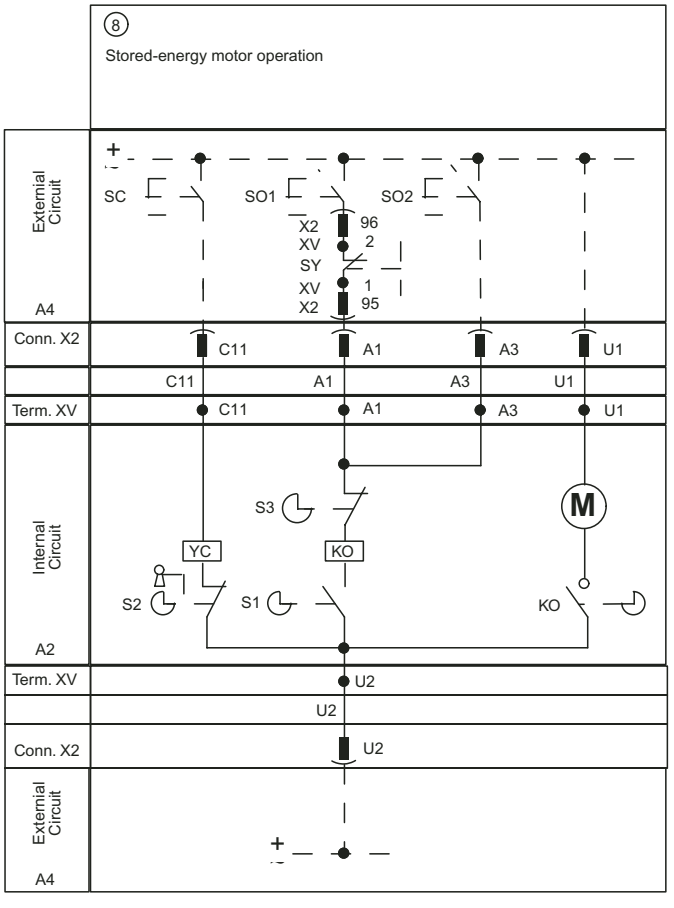
Circuit diagrams
Motor operators
S6 – S7



Legend

O- Figure number of diagram

A1 - Applications of the circuit-breaker

A2 - Applications of the motor operators

A4 - Example switchgear and connections for control and signalling, outside the circuit breaker

S1 - For S3 - S4 - S5: position contact operated by a circuit breaker cam for S6 - S7: contact controlled by the motor operated cam: closes when the circuit breaker reaches its closed position and opens when the circuit breaker reaches its open position (doesn't switch when the circuit breaker goes into its tripped position)

S2 - For S3 - S4 - S5: safety contact operated by:
- key lock (if mounted
- padlock device
- local control Allen key

SC - Pushbutton or contact for closing the circuit breaker. For circuit breakers S3 - S4 - S5, the operating mechanism must have a time of not less than 100ms

SO1 Pushbutton or contact for opening the circuit breaker

S02 - For circuit breakers S3 - S4 - S5, the operating mechanism must have a time of not less than 100ms (see instructions for resetting the circuit breaker after the releases have tripped)

SY - Contact for electrical signalling of circuit breaker open due to tripping of thermomagnetic releases, YO, YO1, YU (tripped position)

KO - For S6 - S7: opening and spring-loading relay with held position make contact, released by a cam of the motor operator when the circuit breaker reaches its open position and the closing springs have been loaded

M - For S6 - S7: motor for opening the circuit breaker and loading the closing springs of the circuit breaker

X1 - Connectors for the auxiliary circuits of the circuit breaker

X2 - For circuit breakers S1 - S2 supplied for order only

XV - Terminal block for accessories

YC - Closing release