

Output modules - mixed relay

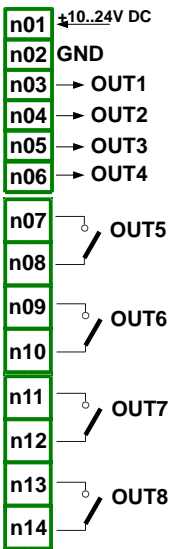


- SR45: 4 x SSR outputs +
4 x 5A/250V relay outputs

Mixed relay output modules (SSR + 5A relay) are used to switch on and off executive device circuits in the automatics.

MODULE PIN ASSIGNMENT

SR45
4 x SSR outputs
4 x 5A/250V relay outputs



- Mixed relay-SSR parameters are:
- Name - each output already has a name given by the device and the user cannot change it,
 - Mode - this parameter allows the user to select the method of operation of the output,
 - Source - this parameter contains a list of logical channels (up to 60), where the selected logical channel will be a data source for this built-in output,
 - Alarm state — this parameter allows to choose a type of output reaction in case of the alarm state appearance; The Alarm state is when the value of a Logical channel in which the data source for a built-in output returns -Err- state or the state of the exceeding range: low (-Lo-) state and high (-Hi-) state;
 - Levels block parameter - these parameters allow the user to set a range of changes of the output depending on the input signal:
 - Level mode
 - Level - this parameter defines a constant signal level exceeding which will cause an output state change, or allows to choose a logical channel whose current value will be the threshold for output state changes,
 - Lower level and Upper level - these parameters define the range at which output state changes occur, or they allow to choose a logical channel whose current value will be the range for output state changes,
 - Hysteresis - by defining this parameter the user can move the level for changes in the output state,
 - Alarm level
 - Timing parameter block - these parameters allow the user to set a delay time change of the output state and minimum duration of the output state:
 - ON delay - this parameter allows to set the time that must pass from the time of exceeds Level value until the output switches from low to high state,
 - OFF delay - this parameter allows the user to set the time that must pass from the time of exceeds Level value until the output switches from high to low state,
 - Minimum ON time - the minimum duration of a high state
 - Minimum OFF time - the minimum duration of a low state

TECHNICAL DATA

	SR45
Number of outputs	4 SSR + 4 SPST (N.O.)
SSR outputs parameters: max. current source per output output high level voltage output low level voltage overload protection max. external supply	internally powered: 12.5 mA, sum limited to 50 mA; externally powered: 100 mA, sum limited to 350 mA internally powered: 8V; externally powered: (Vext. - 0.5V) <1V internally powered: internal fuse 50 mA; externally powered: internal fuse 350 mA 30V per output
Relay outputs parameters: max. load per relay max. voltage switched by relay isolation strength	5A, cos φ = 1 (resistive load) 250V AC 1 min @ 500V AC (1 min @ 630V AC between relays)
Weight	44 g
Part number	M99-SR45-001