MultiCon CMC I/O modules

S8

operation,

MultiCon S16

Built-in outputs parameters in the PWM mode are:

- Name - read-only output name given by the device,

channel will be a data source for this built-in output,

input signal which will change the duty cycle of the output signal:

- Mode=PWM - this parameter allows the user to select method of the output

- Lower level and Upper level - by setting these parameters the range is

defined within which the change duty cycle of pulse depending on the source

signal; below this range the signal is zero (zero width, zero duty cycle) and

above this range the signal is completely filled (fully on of the cycle period),

- Alarm level - when the data source for the built-in output returns the Error

state or the range being exceeded: the low -Lo- state and high -Hi- state, the

Alarm level parameter for the PWM mode allows setting the duty cycle of the

output signal in time of an alarm state according to the parameters of Lower

- Timing parameter block - these parameters allow the user to set the timing

parameters of the output signal, discussed below in this chapter:

- Period - the duration of one cycle of output pulse,

- Minimum ON time - minimum duration of a high state,

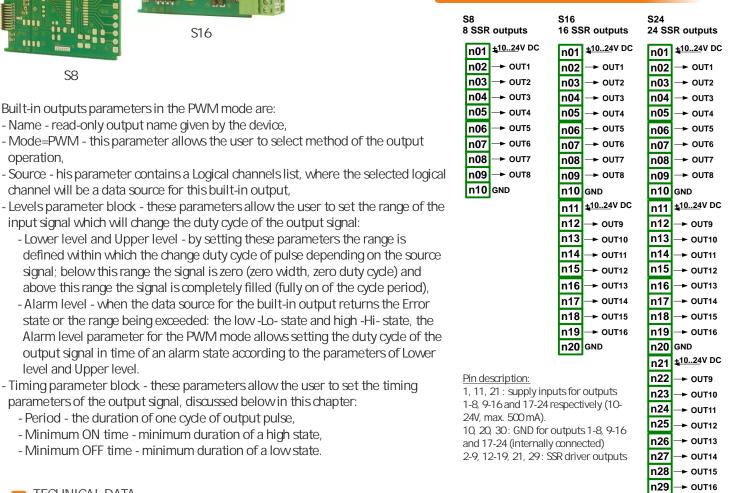
- Minimum OFF time - minimum duration of a low state.

Output modules - SSR

- S8: 8 x SSR outputs
- S16: 16 x SSR outputs
- S24: 24 x SSR outputs

These modules are equipped with 8, 16 or 24 SSR outputs. May be used to control executive device state in a simple on/off or PWM mode.

MODULE PIN ASSIGNMENT



TECHNICAL DATA

level and Upper level.

	S8	S16	S24
Number of outputs	8	16 (in 2 groups with separate supply)	24 (in 3 groups with separate supply)
Max. current source per output	powered internally: 10 mA, sum limited to 50 mA, powered externally: 100 mA, sum limited to 500 mA	powered internally: 10 mA, sum limited to 50 mA for a group, powered externally: 100 mA, sum limited to 500 mA for a group	powered internally: 10 mA, sum limited to 50 mA for a group, powered externally: 100 mA, sum limited to 500 mA for a group
Output method	relay modes or PWIM mode *	relay modes or PWIM mode *	relay modes or PWM mode *
Output High Level voltage	powered internally: 8V powered externally: (Vext 0.5V)	powered internally: 8V powered externally: (Vext 0.5V)	powered internally: 8V powered externally: (Vext 0.5V)
Overload protection	powered internally: internal fuse 50 mA, powered externally: internal fuse 500 mA	powered internally: internal fuse 50 mA (per group), powered externally: internal fuse 500 mA (per group)	powered internally: internal fuse 50 mA (per group), powered externally: internal fuse 500 mA (per group)
External output supply	30 V max.	30 V max.	30 V max.
Insulation strength	1 min @ 500V AC	1 min @ 500V AC	1 min @ 500V AC
Weight	32 g	42 g	69g
Part number	M99-S8-001	M99-S16-001	M141-S24-001

* CMC updates output state every 100 ms

n30 gnd