

O GND



(DSub-DE9 backshell Norcomp 956-009-010R031)

Requ	equirements and properties			Normal			Limits		
		Quantity	Min	Тур	Max	Min	Max	Unit	Req
Pin	SET COIL RESET COIL LOW ALT LOW BAT	Coil supply volts Coil pulse current (50 ms) Continuous current On resistance Leakage @25 °C Leakage @65 °C		0.05 0.4	16 5 2 0.13 1.2 10	-0.5 -20	70 20	V Α Ω μΑ μΑ	x x x
	SUPPLY	Volts Current (ON and AUTO open) Current (ON or AUTO shorted to ground)	7	1.3 1	16	-70	70	V µA mA	x
	ON AUTO	Volts open Current sourced open Volts shorted to ground Current sourced shorted to ground	3.0 90		5 30 1.0 250	-70	70	ν μΑ ν μΑ	x x x
	SENSE	Volts Current		0.4		-70	70	V mA	x
Off-Auto-On Off-On(-Reset)		Switching voltage PbSO4 Switching voltage LiFePO4 Hysteresis ± Sample averaging period	13.1 13.7 170	0.2	13.3 13.9 230			V V V ms	
		Switching voltage Sample averaging period (result < 18 V) Sample averaging period (result > 18 V)	15.9 170 34		16.1 230 46			V ms ms	
General		Low alternator voltage PbSO4 Low battery voltage PbSO4 Low alternator voltage LiFePO4 Low battery voltage LiFePO4 Switch debounce period Pulse period Dead time after Reset coil pulse (on→off) Temperature	12.9 11.7 13.5 12.7 50 2200 0	15	13.1 11.9 13.7 12.9 65 2800 70	-55	125	V V V ms ms ms °C	

ON