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Original

Table 1: the diagnostic function of the solenoid interlock AZM 200/201-2794

System condition	Solenoid control IN		LED			Safety outputs Y1, Y2		Diagnostic output OUT -1P2P-2794
	Power to unlock	Power to lock	green	red	yellow	AZM 200 AZM 201 Z	AZM 200 B AZM 201 B	
Safety guard open	24 V (0 V)	0 V (24 V)	On	Off	Off	0 V	0 V	24 V
Door closed, actuator not inserted	24 V	0 V	On	Off	Off	0 V	0 V	24 V
Door closed, actuator inserted, not locked	24 V	0 V	On	Off	Flashes	0 V	24 V	0 V
Door closed, actuator inserted, interlocking blocked	0 V	24 V	On	Off	Flashes	0 V	24 V	0 V
Guard closed, actuator inserted and locked	0 V	24 V	On	Off	On	24 V	24 V	0 V
Error warning ¹⁾ solenoid interlock locked	0 V	24 V	On	Flashes ²⁾	On	24 V ¹⁾	24 V ¹⁾	No action
Error	0 V (24 V)	24 V (0 V)	On	Flashes ²⁾	Off	0 V	0 V	24 V
Additionally for variant AZM201-I1/I2:								
Teach-in procedure actuator started			Off	On	Flashes	0 V	0 V	24 V
Only I2: teach-in procedure actuator (release block)			Flashes	Off	Off	0 V	0 V	24 V

1) after 30 min: disabling due to fault
2) refer to flash code

Table 2: flash codes red LED

Flash codes (red)	Designation	Autonomous switch-off after	Error cause
1 flash pulse	Error (warning) at output Y1	30 min	Fault in output test or voltage at output Y1, although the output is disabled.
2 flash pulses	Error (warning) at output Y2	30 min	Fault in output test or voltage at output Y2, although the output is disabled.
3 flash pulses	Error (warning) cross-wire short	30 min	Cross-wire short between the output cables or fault at both outputs
4 flash pulses	Error (warning) temperature too high	30 min	The temperature measurement reveals an internal temperature that is too high
5 flash pulses	Actuator fault	0 min	incorrect or defective actuator
6 flash pulses	Error actuator combination	0 min	An invalid combination of actuators was detected (blocking bolt detection or tamper attempt)
Continuous red signal	Internal fault / overvoltage or undervoltage fault	0 min	Device defective / supply voltage not within specifications

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