

MG Series / SP Series (V4.7, 4.8)

What's New

P ▲ R ▲ D O X®



(MG5000 pictured)

Firmware:

- Version 4.7 (MG5000, MG5050, SP5500, SP6000, SP7000)
- Version 4.8 (SP4000, SP65)

Overview:

- New PGM option for all MG/SP panels
- New section for SP65
- Modifications to section [700] for all MG/SP panels

Introduction

This document describes the addition of a new PGM option (option 8) in sections [261] to [276], the addition of section [277] for SP65, as well as modifications to section [700]. These options may not be included in any manuals, therefore use this document in conjunction with the programming guide when programming your panel.

New Flexible PGM Deactivation Option

PGM option 8 was added in sections [261] to [276].

Table 1: Description of PGM options

Option	Description	PGM 1 [261]		PGM 2 [262]		PGM 3 [263]		PGM 4 [264]		PGM 5 [265]		PGM 6 [266]		PGM 7 [267]		PGM 8 [268]	
		OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
1	PGM base time (OFF = sec., ON = min.)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
2	PGM state (OFF = N.O.; ON = N.C.)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
3	PGM supervision (not applicable to SP4000)	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲
4	PGM activation mode (OFF = steady; ON = pulse)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
5	PGM pulse once every 30 seconds, if armed	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
6	PGM pulse on any alarm	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
7	PGM pulse on any alarm (OFF = partition 1; ON = partition 2)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
8	Flexible PGM deactivation option (OFF ¹ = PGM delay only, two activation events; ON = PGM delay or deactivation event, whichever comes first)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
Option	Description	PGM 9 [269]		PGM 10 [270]		PGM 11 [271]		PGM 12 [272]		PGM 13 [273]		PGM 14 [274]		PGM 15 [275]		PGM 16 [276]	
		OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON
1	PGM base time (OFF = sec., ON = min.)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
2	PGM state (OFF = N.O.; ON = N.C.)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
3	PGM supervision (not applicable to SP4000)	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲
4	PGM activation mode (OFF = steady; ON = pulse)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
5	PGM pulse once every 30 seconds, if armed	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
6	PGM pulse on any alarm	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
7	PGM pulse on any alarm (OFF = partition 1; ON = partition 2)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□
8	Flexible PGM deactivation option (OFF ¹ = PGM delay only, two activation events; ON = PGM delay or deactivation event, whichever comes first)	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□	▲	□

▲ = Default Setting

¹ If a PGM delay is programmed (OFF option), the deactivation event can be used as a second activation event.

New Voltage Output Section (Section [277]) for SP65

Section [277] was added for SP65 only.

Table 2: Description of section [277] for SP65

Option	Option Type	Description	[277]	
			OFF	ON
1	Voltage output (OFF = negative trigger, 0V; ON = positive trigger, 12V)	PGM 1	▲	<input type="checkbox"/>
2		PGM 2	▲	<input type="checkbox"/>
3		PGM 3	▲	<input type="checkbox"/>

▲= Default Setting

NOTE: Section [277] only applies to the SP65 system.

Modified Option in Section [700] for All MG/SP Panels

Option 5 in section [700] has been modified. Previously, its default setting was ON; it is now OFF.

Table 3: Description of sections [700] to [704]

Option	Option Type	Description	OFF		ON	
1	Partitioning	Partitioning	▲	Disabled	<input type="checkbox"/>	Enabled
2	General system options	Battery charging, 350 mA or 700 mA (not applicable to SP4000 and SP65)	▲	350 mA	<input type="checkbox"/>	700 mA
3		Audible trouble warning (except AC failure)	▲	Disabled	<input type="checkbox"/>	Enabled
4		Audible trouble warning on AC failure	▲	Disabled	<input type="checkbox"/>	Enabled
5	RF jamming supervision	RF jamming supervision	▲	Disabled	<input type="checkbox"/>	Enabled
6	General system options	Exit delay termination	▲	Disabled	<input type="checkbox"/>	Enabled
7		Tamper supervision on the bus module	▲	Disabled	<input type="checkbox"/>	Enabled
8	Future use	-	-	-	-	-

▲= Default Setting