

VAM 3 L / LX functional update

1 Introduction

VAM3L/LX's operation regarding binary output and trip relay has been updated. The purpose of the update was to make the three sensor channels behave equally when controlling the output relay or binary output.

2 Functional update

The update changes how the output relay and the binary output work in VAM3L units when BI/O dip is in "on"-position. Prior to the update sensor channel 3 didn't activate the trip relay while in said dip configuration. Also while in the same dip configuration, sensor channel 1 wasn't able to activate the binary output. After the update all channels have equal function.

More detailed information about the differences between pre- and post-update operation can be seen in the following tables.

This change is effective from s/n 31895 manufactured since 26 June, 2012.

		Trip relay	Bin. out	Zone out*
BI/O dip in off position	Sensor 1	x	x	x
	Sensor 2	x	x	x
	Sensor 3	x	x	x
	Zone activation	x	x	-
BI/O dip in on position	Sensor 1	x	-	x
	Sensor 2	x	x	x
	Sensor 3	-	x	x
	Zone activation	-	-	-

* The unit sends trip information to other units in the same system / zone.

Table 1. Behaviour of the unit's outputs relays prior to the update. Note that the BI/O dip switch position is indicated as it is found on the switch, not by the markings on the front panel.

		Trip relay	Bin. out	Zone out*
BI/O dip in off position	Sensor 1	x	x	x
	Sensor 2	x	x	x
	Sensor 3	x	x	x
	Zone activation	x	x	-
BI/O dip in on position	Sensor 1	x	x	x
	Sensor 2	x	x	x
	Sensor 3	x	x	x
	Zone activation	-	-	-

* The unit sends trip information to other units in the same system / zone.

Table 2. Behaviour of the unit's outputs after the update. Note that the BI/O dip switch position is indicated as it is found on the switch, not by the markings on the front panel.

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