

Generac 6186 50-Amp Digital Load Management Module, PMM

Product works fine, as would be expected. HOWEVER... the odd thing is the logic behind the mode of operation. This is a N.O. contactor (Normally Open), which means that to have power applied to your load, the coil must be energized... 24 hours a day, 365 days a year... under all "normal" line conditions. "So?" you ask?... Well, we installed 3 of these for "Priority Loads" that can be shed... meaning we have 3 of these energized in our basement... 24 hours a day, 365 days a year... and they're none-too-quiet. I just reeeeeeally hope Generac life-tested these things to run FOREVER... honestly, it's a bit odd, IMHO. I just don't see why the controller couldn't be designed such that a N.C. contactor could have been used... so that the only time they would be energized is if an overload condition occurred, and the load needed to be shed. I mean... you have 24VAC available when the generator is running, so before ANY loads are energized, feed 234VAC to all PMM's - disabling those loads; then remove the coil voltage to them one at a time to sequence the loads ON. Maybe I'm not seeing something, or maybe it's a NEC code requirement or something like that, but if that's the case... if there was no avoiding it, then by golly, why not redesign the contactors to be more quiet. All that's probably required is to keep the coil from vibrating.

The product is listed as having a 120v coil, and instead it comes with a 24v coil, which was useless to me

As others stated, the DLM described here is NOT a DLM 120Vac. It is a PMM 24Vac which created a REAL problem as this change WAS NOT described in the instructions. So far I am hoping it has not blown up the OCPB as I set things up for 120v DLM as I've done for a number of years. It blew 2 of the fuses and I am hoping it hasn't done any other damage! I didn't realize it would be too much for Generac to simply let everyone know that they decided to change the DLM's to PMM's, explaining things in plain simple language! I have installed numerous Generac generators and up to now have had little problems/issues. Now I have to make sure the PMM's are not damaged and also buy a 24v transformer.....which was never a part of the original cost. Clear communication and information is a

wonderful tool! Sure wish Generac used it. See all 7 customer reviews...

Product Details Sales Rank: #104107 in Lawn & Patio Brand: Generac Model: 6186 Number of items: 1 Dimensions: 4.00" h x 8.00" w x 4.50" l, Features 50-amp digital load management module Used in conjunction with 100-400-amp Nexus Smart Switches Contactor module is supplied with 120VAC from the load control module in the transfer switch NEMA 3R enclosure for indoor and outdoor installation Comes with a 2-year limited warranty

Product Description The Generac 6186 50-Amp Digital Load Management Module (DLM) is used in conjunction with 100-400-amp Nexus Smart Switches and is housed in a NEMA 3R enclosure to intelligently manage additional large loads and enable the efficient use of a smaller generator system. Just like the built-in load shedding capabilities of the Nexus Smart Switch, after the load(s) are shed, they are brought back on individually to ensure generator power availability and eliminate potential system overload. You can connect up to four DLM modules per Nexus Smart Switch to enjoy more power use and flexibility from a smaller generator and each module is rated for up to a 50-amp device. The DLM can also be wired to an individual load device if needed. The Generac 6186 contactor module is supplied with 120-VAC from the load control module in the transfer switch. The Generac 6186 50-Amp Digital Load Management Module is 8-Inch by 4.7-Inch by 4.1-Inch weighs 1.8-pounds and comes with a 2-year limited warranty. Generac manufactures the widest range of power products in the marketplace including portable, RV, residential, commercial and industrial generators. At Generac, we protect the things that power your life by providing quality, affordable power solutions.

[**More Information \(Generac 6186 50-Amp Digital Load Management Module, PMM\)**](#)

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