

MPS Product Offering Update – Station Post

Issue Date: 7/2/2024

MacLean Power Systems is pleased to announce an update to our Station Post Insulator product offerings. As of 7/2/2024 MPS will no longer be offering the legacy NAA designs for TR codes 279 and above. This new product launch boasts a completely reengineered and optimized design, which replaces the Generation 1 station post, designed and launched by Sediver in 1982.

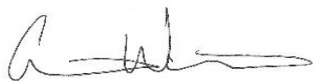
The Generation 2 design has been developed adapting all the best practices of MPS's industry leading transmission insulators to increase performance, safety, efficiency, and throughput for the product family. These station posts design features include the latest generation of end fitting sealing system, modular construction, and increased leakage profiles. The Gen 2 utilizes the same core rod, housing and end fitting materials as the previous generation and all other MPS insulators, that have been field proven.

To best serve our customer base with the highest quality products and the shortest lead times possible, the Gen 1 station post with a BIL rating of 350 kV and above will be discontinued and replaced with a functional equivalent, per the table in Appendix 1. Products suffixes included in obsolescence: NAA100, NAA200 and any subsequent derivatives. Visual depictions of the Gen 1 and Gen 2 variants can be observed below in Figure 1.

This product is designed and qualified to the latest revisions of ANSI C29.19, CSA 156.2 and IEC 62231.

Additional questions and inquiries on product and sales can be directed to the MPS sales team or myself.

Thanks,



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Figure 1: Gen 1 Insulator (left) Gen 2 Insulator (right)

Appendix 1 - Cross Reference Table

TR No	Voltage (kV)	Length (in)	BIL (kV)	BC	Crate Qty	Old Part	New Part
279	69	30	350	5=5	18	NAA200XV15S0	P4 50 50 018 MX SS 011
286	115	45	550	5=5	15	NAA100XH23S0	P2 50 50 037 MX SS 019
	115	45	550	5=5	15	NAA100XH23S0207	
287	115	45	550	5=5	18	NAA200XV24S0	P4 50 50 033 MX SS 020
	115	45	550	5=5	18	NAA200XV23S0	
288	138	54	650	5=5	15	NAA100XH29S0	P2 50 50 046 MX SS 023
	138	54	650	5=5	15	NAA100XH29S1	
289	138	54	650	5=5	18	NAA200XV28S0	P4 50 50 042 MX SS 026
Custom	69	33	370	5=5	18	NAA100XH17S0105	P2 50 50 025 MX SS 013
Custom	69	33	370	5=5	18	NAA200XV17S0104	P4 50 50 021 MX SS 013
291	161	62	750	5=5	21	NAA100XH34S0	P2 50 50 053 BX SS 026
295	161	62	750	5=5	18	NAA200XV33S0	P4 50 50 050 AX SS 019
304P	230	80	900	5=5	21	NAA100XH46S1	P2 53 53 070 BB SS 033
308P	230	80	900	5=5	15	NAA200XV45S1	P4 50 50 068 AB SS 027
312/316	230/345	92	1050	5=5	15	NAA200XV53S1	P4 50 50 082 AB SS 032
324P	345	106	1300	5=5	12	NAA200XV62S1	P4 50 50 094 AB SS 037
367	345	106	1300	5=7	12	NAA200XV62S1-105	P4 50 57 093 AB SS 037
330P	500	122	1470	5=5	12	NAA200XV73S1	P4 50 50 110 AB SS 044

*M= molded (blue) and A/B = Extruded (orange)