

High Output DVP Power Up Issue

Issue

Woodward has identified an issue with a component on the High Output DVP. This issue may result in a non-compliance for units used in hazardous locations.

Description

Woodward has identified a nonconformance on a resistor which is part of the input current limiting circuit. This nonconformance can only occur when the unit is initially powered up and not during normal operation. The resistor is not critical to the operation of the High Output DVP.

The HO DVP is listed for the following hazardous locations: ATEX and IECEx: Zone 2 Ex nA IIC T4 and North American (Canada/US): Class I Div 2, Groups A, B, C, D. If the resistor fails it may result in a spark which is not allowable for Zone 2 or Class 1 Div 2 products.

This issue was found at Woodward, Inc. during routine testing. No reports of field failures have been received.

Units in Ordinary Location present no safety hazard.

Affected Units

Unit	Serial Number	Serial Number	Serial Number	Serial Number	Serial Number
8200-535	19691682	19691683	19691686	19691687	19709512
8200-537	19222534	19222535			
8200-538	19607983	19513287	19513288	19607977	19607978
	19607981	19607982	19607984	19740682	19740684
	19740685	19740686	19740688	19607980	
8200-560	19842468	20184607	20508379	20462730	20434457
	19842469	20188755	20309201	19740682	20444598
	20157935	20190678	19842488	20444597	20444599
	20161626	20293944	20037852	20444660	20462728
	20161642	20293945	20512871	20452929	20462729
	20163183	20293946	20508378	20452930	20462734
	20190675	20293947	20508376	20462732	20462735
	20190676	20461335	20462740	20462733	20462739
	20190677	20461336	20462738	20462743	20462742
	20203327	20462726	20462741	20462744	20462749
	20113845	20462727	20462745	20462747	20462750
	20115820	20500388	20462746	20462748	20462736
	20120490	20502745	20462751	20462753	20295957
	20131011	20502746	20527250	20462754	20295958
	20131012	20502747	20462731	20304061	20295959
	20142782	20527247	20462752	20318382	20295960
	20142783	20506815	20493130	20319872	20024610
	20142784	20506816	20493131	20433273	20527892
	20181589	20508377	20462737	20434456	
8200-560RU	19992251	19992252	19992253	19992254	19992255

8200-562	20267833	20124124	20204072	20506820	20527257
	20283286	20124114	20228644	20533793	20023137
	20124127	20527253	20244431	20535573	20023138
	20248708	20319873	20244432	20535990	20023141
	20124125	20293996	20244433	20537876	20023142
	20124112	20527258	20410255	20520675	20023135
	20124128	20310245	20410256	20520677	20023136
	20267834	20300565	20410257	20527254	20023139
	20124126	20527255	20417301	20527259	20023140
	20124113	20322344	20459937	20509910	20204069
	20124116	20305404	20459938	20533792	20509909
	20265803	20527256	20459940	20540128	20509911
	20124123	20324903	20459941	19992247	20520676
	20124114	20302472	20506817	19992248	20520678
	20124117	20204070	20506818	19992249	20562086
	20265804	20204071	20506819	19992250	20564159
	20564158	20566019			
8200-562KR	20399481	20399482	20399483	20399484	20399488
	20399485	20399486	20399487		
8200-564	20000690	19740701	19842431	20417302	20000688
	19740681	19842432	20035951	20405795	20010923
	19740683	19842428	20246349	20434458	20000691
	19740687	19842429	20495547	20422836	
	19740696	19842430	20309202	20035951	
8200-565	20174399	20232859	20241165	20342511	20426281
	20174400	20232861	20241166	20343804	20426282
	20174401	20240204	20337451	20343805	20426283
	20174402	20232860	20337452	20343806	20433403
	20232858	20240203	20341242	20355113	
8200-567	20290045	20426284	20434459		
8200-569	20482782	20482781			
8200-570	20461303	20461306	20419549	20461304	20461307
	20461305	20419548			
8200-570FR	20047564				
8200-570RU	20047588				
8200-571	20169092				
8200-575FR	20507341	20507342	20507343	20507344	20515890

Corrective Action

Woodward has implemented an engineering change which corrects the issue for production effective Oct 28, 2016.

Customer Action

Customers must make a determination of the applicability of ATEX and IECEx: Zone 2 Ex nA IIC T4 and North American (Canada/US): Class I Div 2, Groups A, B, C, D for their specific applications. These regulations state that in normal application there is no expectation to be explosive concentrations of flammable liquids and gasses, however the possibility for these concentrations may exist if there is an accidental rupture or other unexpected incident.

To avoid a safety issue, customers must ensure that a combustible atmosphere is not present in the cabinet with the High Output DVP during power up.

If units are in continuous powered on state, no immediate action is necessary, since this is a power up issue only.

Customers with Affected Units identified above should contact your Account Manager Representative to determine the appropriate option for addressing units in the field.

To return an affected unit to Woodward, please select one of the following options:

Contact your Woodward customer service representative for a Return Authorization Number (RAN) and return the unit(s) to Woodward.

If a return is not feasible, contact your Woodward customer service representative to discuss the availability of replacement/exchange unit(s).

Please refer to this service bulletin number when scheduling your return.

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PO Box 1519, Fort Collins CO 80522-1519, USA
1041 Woodward Way, Fort Collins CO 80524, USA
Phone +1 (970) 482-5811

Email and Website—www.woodward.com

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Complete address / phone / fax / email information for all locations is available on our website.