

Relay Supplier Change in 505 ATX & Marine Variants

Product Change

Due to an unrealistic lead time and cost from our current relay supplier, Woodward was forced to design relays with a new supplier. During the evaluation process for the new supplier, we carefully considered trade-offs and were able to retain the most important characteristics of relays; however, there were a few minor features that were not feasible. For clear traceability and backwards compatibility, we created equivalent part numbers of hardware with new relays. This change only affects ATX & Marine variants of current 505 family controls.

Description

The new part numbers have equivalent performance to the previous ones except:

- Marine type approval
 - No LR and DNV-GL type approval on new items. We intend to offer marine societies on standard 505D, 505XT, and FLEX500 items.
- Random vibration grade
 - New items are graded for use in control room (RV5 profile) against cab or skid mounted grade (RV1 profile) on previous items according to random vibration test performance. Note: Bulkhead mounted versions were always graded for control room applications.

Profile	Grade	Based on Standards	Test Specification	Limits	Grms	Duration
RV1	Cab or Skid	MIL-STD 202F, M214A, TC(B), SAE J1455 Cab Data	0.04 G ² /Hz	10- 2000 Hz	8.2	1½ Hrs/axis
RV5	Control Room	MIL-STD 810F, M514.5A, Cat. 4, Truck/Trailer tracked-restrained cargo, Fig. 514.5-C1	.015G ² /Hz	10-500 Hz	1.04	2 Hrs/axis

Affected and Equivalent Units

Item Numbers Being Replaced		Replacement Item Numbers	
Item Number	Item Description	Item Number	Item Description
8200-1302	505D (LV-ATX & MARINE) STEAM TURBINE CONTROL	8200-2302	505D (LV-ATX) STEAM TURBINE CONTROL
8200-1304	VANTAGE GC (LV-ATX & MARINE) STEAM TURBINE CONTROL	8200-2304	VANTAGE GC (LV-ATX) STEAM TURBINE CONTROL
8200-1312	505XT (LV-ATX & MARINE) STEAM TURBINE CONTROL	8200-2312	505XT (LV-ATX) STEAM TURBINE CONTROL
8200-1314	VANTAGE XC (LV-ATX & MARINE) STEAM TURBINE CONTROL	8200-2314	VANTAGE XC (LV-ATX) STEAM TURBINE CONTROL
8200-1342	FLEX500 (LV-ATX & MARINE), WITHOUT GUI AND MAIN APPLICATION SW	8200-2342	FLEX500 (LV-ATX), WITHOUT GUI AND MAIN APPLICATION SW
8200-1345	FLEX500 (LV-ATX & MARINE), WITHOUT GUI AND MAIN APPLICATION SW	8200-2345	FLEX500 (LV-ATX), WITHOUT GUI AND MAIN APPLICATION SW

8200-1352	FLEX500 BULKHEAD (LV-ATX & MARINE)	8200-2352	FLEX500 BULKHEAD (LV-ATX)
8200-1355	FLEX500 BULKHEAD (LV-ATX & MARINE)	8200-2355	FLEX500 BULKHEAD (LV-ATX)
8200-1372	VERTEX (LV-ATX), COMPRESSOR CONTROL	8200-2372	VERTEX (LV-ATX), COMPRESSOR CONTROL
8200-1375	VERTEXDR (LV-ATX), COMPRESSOR CONTROL	8200-2375	VERTEXDR (LV-ATX), COMPRESSOR CONTROL
8200-1382	VERTEXDR (LV-ATX), COMPRESSOR CONTROL	8200-2382	VERTEX BULKHEAD (LV-ATX)
8200-1385	VERTEXDR BULKHEAD (LV-ATX)	8200-2385	VERTEXDR BULKHEAD (LV-ATX)

Product documentation has been updated to reflect these adjustments.

Product Support Schedule

Effective immediately (September 23, 2024), no new orders of items mentioned under “Item Numbers Being Replaced” in the table above shall be accepted. We request customers order and apply “Replacement Item Numbers” above. Item numbers being replaced will be marked inactive in Woodward’s ERP system as soon as the last unit is shipped.

Woodward intended to secure sufficient old relays to maintain adequate supply until September 2024. However, delivery performance of our current supplier remains unstable, and we may approach customers to update your PO with replacement items or accept delayed shipment.

Woodward recommends following the support plan for items being replaced:

- Repair
 - Requires no old relays and within warranty period → Follows standard repair process.
 - Requires old relays and within warranty period → No repair. Purchase replacement item at flat 50% off your net price, provided the defective relay is shipped to and evaluated by Woodward. Otherwise, we are forced to charge your net price on replacement.
 - Requires no old relays and outside warranty period → Follows standard repair process.
 - Requires old relays and outside warranty period → No repair. Purchase replacement item at your net price.
- Limited spares based on available inventory, if available.

Customer Action

Customers should prepare to order and apply replacement items. Pricing for replacement items is flat to the respective item numbers being replaced. To learn more, or in the case that marine or vibration spec deviation restricts your application, please contact:

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