

## Vickers by Danfoss Amplifier Cards offer new Series 33 upgraded to be RoHS 2 and EMC compliant

September 2024

Danfoss has enhanced our line of Vickers by Danfoss Power Amplifier Cards (Eurocards), making them RoHS 2 (Restriction of Hazardous Substances 2011/65/EU Directive) and European Electromagnetic Compatibility Directive (EMC) 2014/30/EU compliant.

Customers do not need to take any action to receive the new, upgraded parts but should be aware that the upgrade will transition the line from Series 32 to Series 33. The modification will be a seamless change made to existing part numbers, and newly supplied units will feature the enhanced componentry. There will be no change in price or standard lead time.



As the Vickers by Danfoss line of Amplifier cards transitions to the new Series 33 platform, a printed catalogue of the family of parts will be discontinued and will now instead be housed at PowerSource.

### Product availability and transition

Danfoss will continue to fill orders with the current non-RoHS part numbers (Series 32) while existing components are consumed. The transition dates to Series 33 will vary from one part number to the next.

### Pricing, lead-time and availability

The transition to Series 33 will not impact price (existing list prices are valid) or standard lead-times.

### Repairs and warranty

Warranty repairs during this transition will be converted to the Series 33 design. Parts subject to quality review should be returned via the traditional RMA process.

### Literature

All catalogs will be updated to reflect the new design code and will be available via PowerSource. A cross-reference list from design series 32 to 33 can be accessed by using the link at the bottom of this bulletin.

If you have any questions, please contact your local Danfoss sales representative.

### Power Amplifier Card offerings

Below tables show the series 32 to series 33 power amplifier card part number cross reference and a list of discontinued part numbers.



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### Item and model codes available:

32 – Series Number	32 - Series Model Code	33 – Series Number	33 – Series Model Code
02-326000	EEA-PAM-511-A-32	105EC00009A	EEA-PAM-511-A-33
02-326095	EEA-PAM-511-A-32-EN8	105EC00010A	EEA-PAM-511-A-33-EN8
02-326019	EEA-PAM-511-B-32	105EC00011A	EEA-PAM-511-B-33
02-326036	EEA-PAM-511-D-32	105EC00012A	EEA-PAM-511-D-33
02-326016	EEA-PAM-513-A-32	105EC00013A	EEA-PAM-513-A-33
6025852-001	EEA-PAM-513-A-32-EN53	105EC00015A	EEA-PAM-513-A-33-EN53
02-326020	EEA-PAM-513-B-32	105EC00016A	EEA-PAM-513-B-33
02-326037	EEA-PAM-513-D-32	105EC00017A	EEA-PAM-513-D-33
02-326001	EEA-PAM-523-A-32	105EC00018A	EEA-PAM-523-A-33
02-326116	EEA-PAM-523-A-32-EN18	105EC00019A	EEA-PAM-523-A-33-EN18
02-326021	EEA-PAM-523-B-32	105EC00020A	EEA-PAM-523-B-33
02-326029	EEA-PAM-523-C-32	105EC00021A	EEA-PAM-523-C-33
02-326038	EEA-PAM-523-D-32	105EC00022A	EEA-PAM-523-D-33
02-326057	EEA-PAM-523-F-32	105EC00024A	EEA-PAM-523-F-33
02-326017	EEA-PAM-525-A-32	105EC00025A	EEA-PAM-525-A-33
02-326022	EEA-PAM-525-B-32	105EC00026A	EEA-PAM-525-B-33
02-326030	EEA-PAM-525-C-32	105EC00027A	EEA-PAM-525-C-33
02-326039	EEA-PAM-525-D-32	105EC00028A	EEA-PAM-525-D-33
02-326002	EEA-PAM-533-A-32	105EC00031A	EEA-PAM-533-A-33
02-326023	EEA-PAM-533-B-32	105EC00032A	EEA-PAM-533-B-33
02-326031	EEA-PAM-533-C-32	105EC00033A	EEA-PAM-533-C-33
02-326050	EEA-PAM-533-E-32	105EC00035A	EEA-PAM-533-E-33
02-326059	EEA-PAM-533-F-32	105EC00036A	EEA-PAM-533-F-33
02-326104	EEA-PAM-535-A2-32	105EC00037A	EEA-PAM-535-A2-33
02-326003	EEA-PAM-535-A-32	105EC00038A	EEA-PAM-535-A-33
02-326024	EEA-PAM-535-B-32	105EC00040A	EEA-PAM-535-B-33
02-326101	EEA-PAM-535-B-32-EN9	105EC00041A	EEA-PAM-535-B-33-EN9
02-326032	EEA-PAM-535-C-32	105EC00042A	EEA-PAM-535-C-33
02-326041	EEA-PAM-535-D-32	105EC00044A	EEA-PAM-535-D-33
6038729-001	EEA-PAM-535-D-32-EN57	105EC00045A	EEA-PAM-535-D-33-EN57
3041191	EEA-PAM-535-D-32-EN53	105EC00046A	EEA-PAM-535-D-33-EN53
02-326051	EEA-PAM-535-E-32	105EC00047A	EEA-PAM-535-E-33
02-326060	EEA-PAM-535-F-32	105EC00048A	EEA-PAM-535-F-33
02-326008	EEA-PAM-541-A-32	105EC00049A	EEA-PAM-541-A-33
02-326042	EEA-PAM-541-D-32	105EC00050A	EEA-PAM-541-D-33
02-326004	EEA-PAM-553-A-32	105EC00052A	EEA-PAM-553-A-33
02-326043	EEA-PAM-553-D-32	105EC00054A	EEA-PAM-553-D-33



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02-326166	EEA-PAM-553-D-32-EN27	105EC00055A	EEA-PAM-553-D-33-EN27
02-326053	EEA-PAM-553-E-32	105EC00056A	EEA-PAM-553-E-33
02-326005	EEA-PAM-561-A-32	105EC00057A	EEA-PAM-561-A-33
02-326025	EEA-PAM-561-B-32	105EC00058A	EEA-PAM-561-B-33
02-326033	EEA-PAM-561-C-32	105EC00059A	EEA-PAM-561-C-33
02-326044	EEA-PAM-561-D-32	105EC00060A	EEA-PAM-561-D-33
02-326006	EEA-PAM-568-A-32	105EC00063A	EEA-PAM-568-A-33
02-326026	EEA-PAM-568-B-32	105EC00064A	EEA-PAM-568-B-33
02-326034	EEA-PAM-568-C-32	105EC00065A	EEA-PAM-568-C-33
02-326045	EEA-PAM-568-D-32	105EC00066A	EEA-PAM-568-D-33
02-326007	EEA-PAM-571-A-32	105EC00069A	EEA-PAM-571-A-33
02-326165	EEA-PAM-571-A-32-EN26	105EC00070A	EEA-PAM-571-A-33-EN26
02-326027	EEA-PAM-571-B-32	105EC00072A	EEA-PAM-571-B-33
02-326046	EEA-PAM-571-D-32	105EC00073A	EEA-PAM-571-D-33
02-326018	EEA-PAM-581-A-32	105EC00074A	EEA-PAM-581-A-33
02-326028	EEA-PAM-581-B-32	105EC00075A	EEA-PAM-581-B-33
02-326035	EEA-PAM-581-C-32	105EC00076A	EEA-PAM-581-C-33
02-326047	EEA-PAM-581-D-32	105EC00077A	EEA-PAM-581-D-33
02-326148	EEA-PAM-581-D-32-EN3	105EC00078A	EEA-PAM-581-D-33-EN3
02-104849	EEA-PAM-535-D-32-EN3	105EC00082A	EEA-PAM-535-D-33-EN3

### Discontinuations:

The following Power Amplifier cards (Eurocards) have been discontinued. Either the model is no longer available, or the demand has been zero.

32 – Series Number	32 - Series Model Code	33 – Series Number	33 – Series Model Code
02-326120	EEA-EDC-436-A1-32	105EC00004A	EEA-EDC-436-A1-33
02-326132	EEA-EDC-436-A2-32	105EC00005A	EEA-EDC-436-A2-33
02-326133	EEA-EDC-436-A3-32	105EC00006A	EEA-EDC-436-A3-33
02-326129	EEA-EDC-436-D1-32	105EC00007A	EEA-EDC-436-D1-33
02-326131	EEA-EDC-436-D3-32	105EC00008A	EEA-EDC-436-D3-33
02-326048	EEA-PAM-523-E-32	105EC00023A	EEA-PAM-523-E-33
02-326049	EEA-PAM-525-E-32	105EC00029A	EEA-PAM-525-E-33
02-326054	EEA-PAM-561-E-32	105EC00061A	EEA-PAM-561-E-33
02-326061	EEA-PAM-561-F-32	105EC00062A	EEA-PAM-561-F-33
02-326055	EEA-PAM-568-E-32	105EC00067A	EEA-PAM-568-E-33
02-326062	EEA-PAM-568-F-32	105EC00068A	EEA-PAM-568-F-33
02-326056	EEA-PAM-581-E-32	105EC00080A	EEA-PAM-581-E-33
02-326063	EEA-PAM-581-F-32	105EC00081A	EEA-PAM-581-F-33