



MEAN WELL VFD-200C-230 AC Input Variable Frequency Drive Module with PFC Function Owner's Manual

[Home](#) » [MEAN WELL](#) » MEAN WELL VFD-200C-230 AC Input Variable Frequency Drive Module with PFC Function Owner's Manual 

Contents

- [1 VFD-200C-230 AC Input Variable Frequency Drive Module](#)
- [2 VFD-200C-230 AC Input Variable Frequency Drive Module](#)
- [3 Documents / Resources](#)
 - [3.1 References](#)

VFD-200C-230 AC Input Variable Frequency Drive Module



200W AC Input Variable Frequency
Drive Module with PFC Function
VFD-200C-230



VFD-200C-230 AC Input Variable Frequency Drive Module

User's Manual 	Video 
https://www.meanwell.com/Upload/PDF/VFD-E.pdf	https://youtu.be/I8xQxZdWf7A?si=u2BEOM4Fqx1beXny



IEC61800-5-1 BS EN/EN61800-5-1 TPTC004



ECO



Industrial

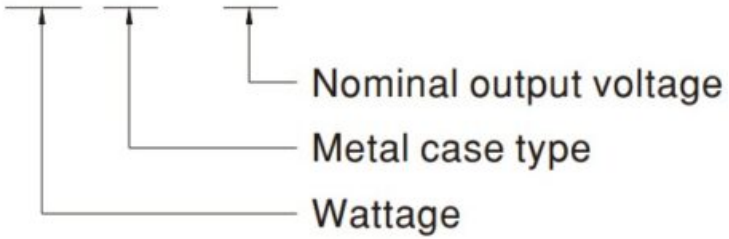


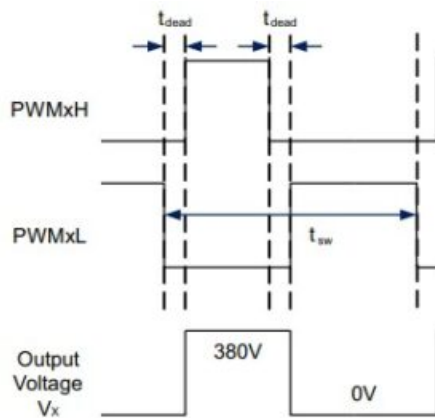
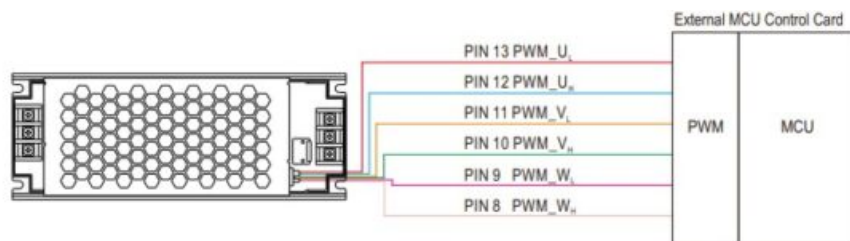
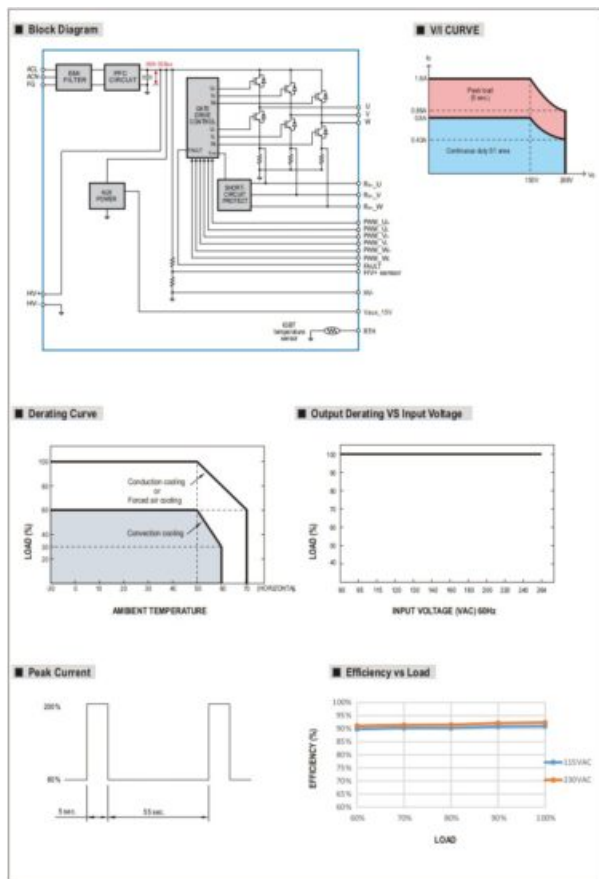
Automate



Household

VFD - 200 C - 230

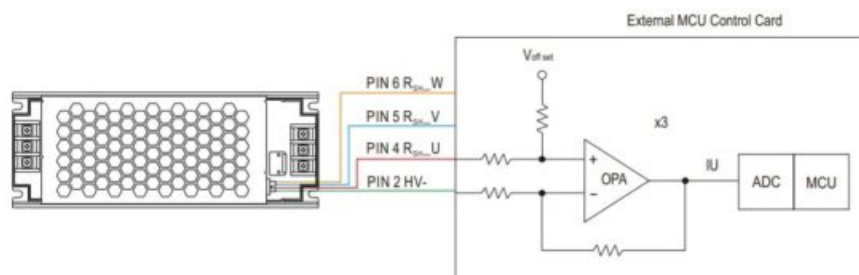


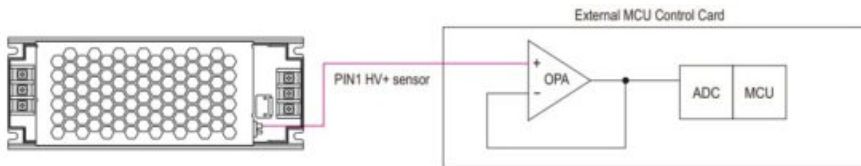
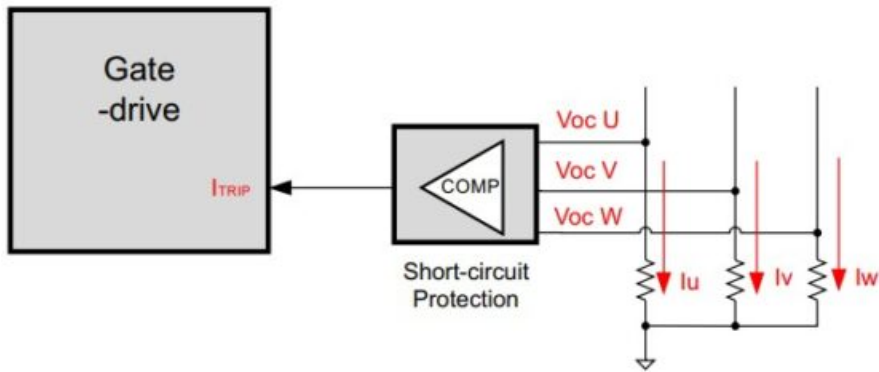


t_{dead} (Min.)	300ns
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t_{dead} : Switching dead-time $x = U, V, W$

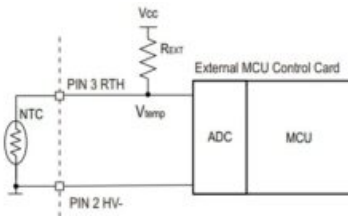
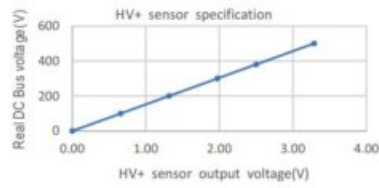
t_{sw} : Switching period



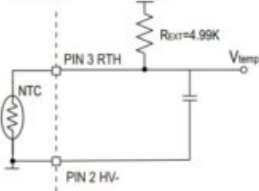


Equation for DC bus voltage calculation:

$$V_{ocbus} = \frac{380 \times HV+sensor}{2.5}$$

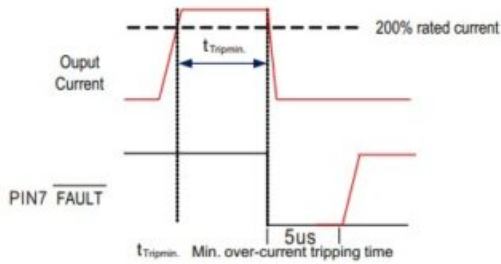


Example:

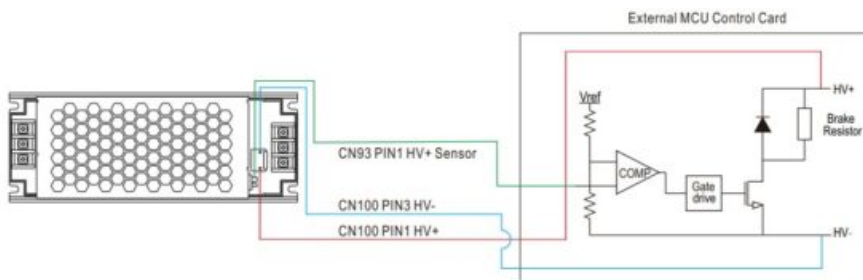


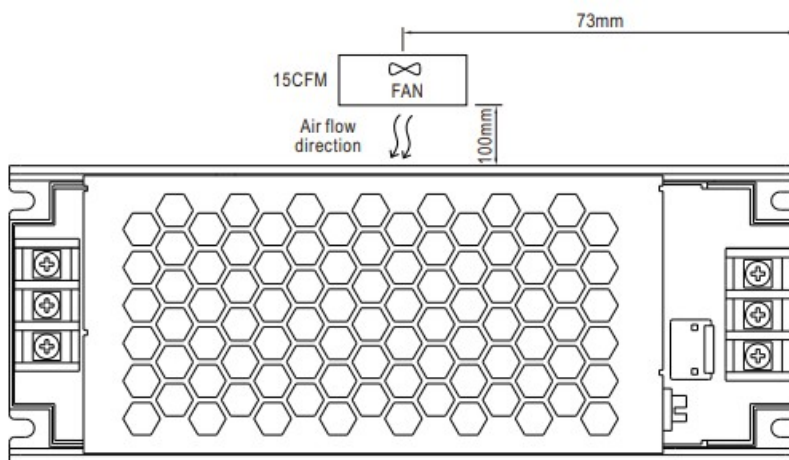
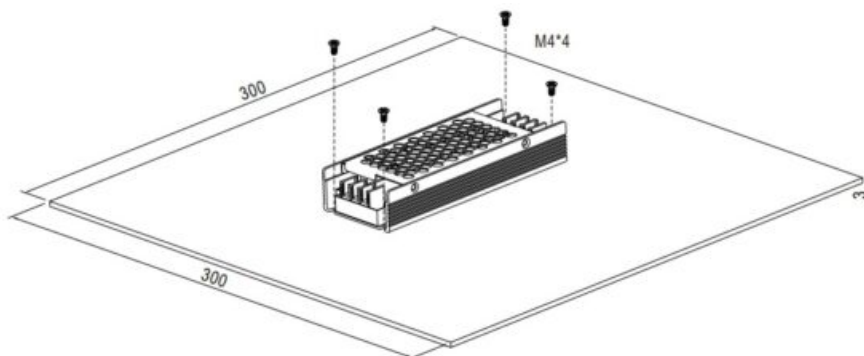
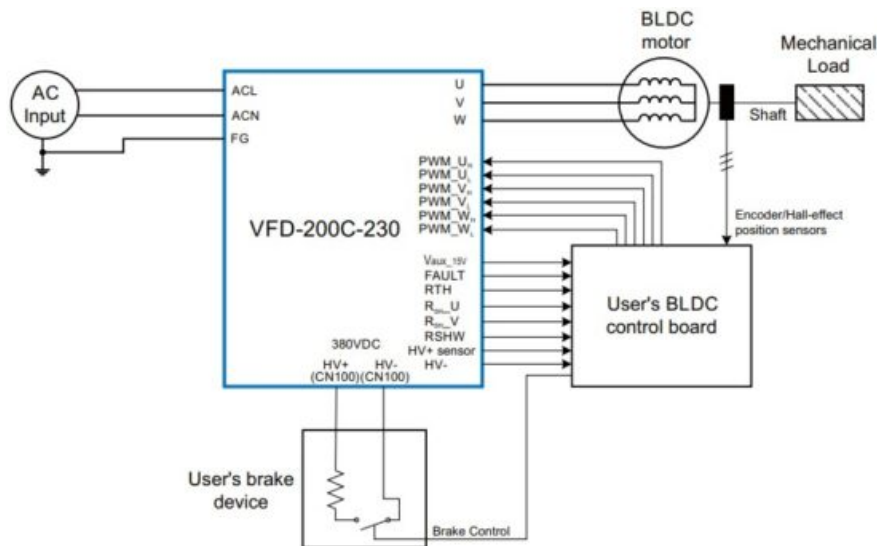
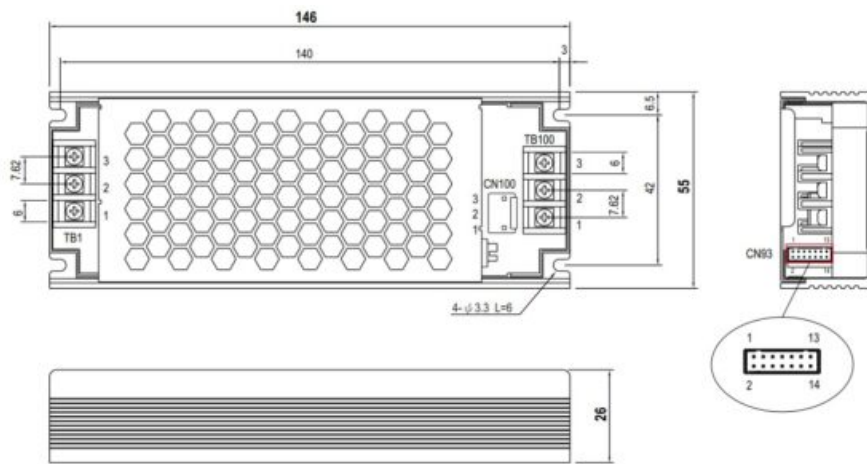
$$V_{temp} = V_{cc} \times \frac{R_{ntc}}{R_{EXT} + R_{ntc}}$$

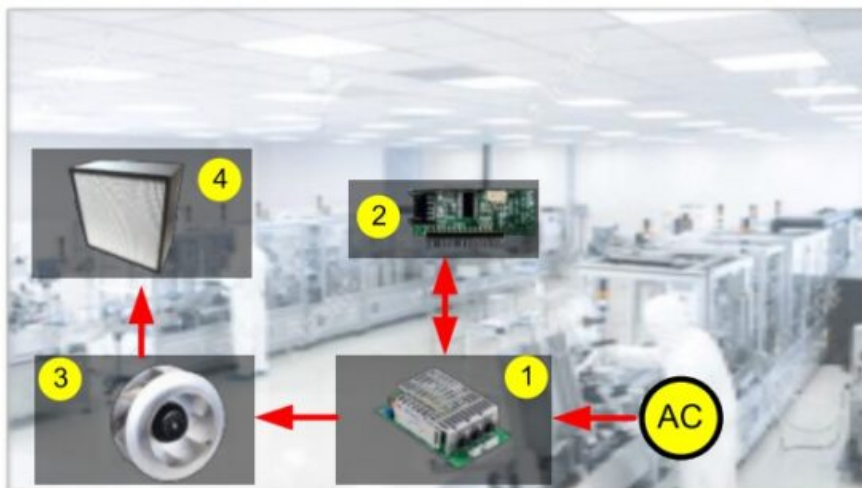
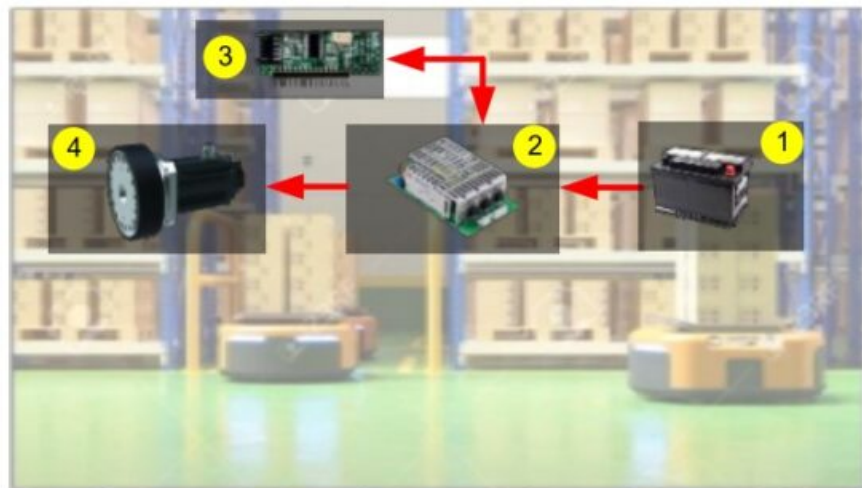
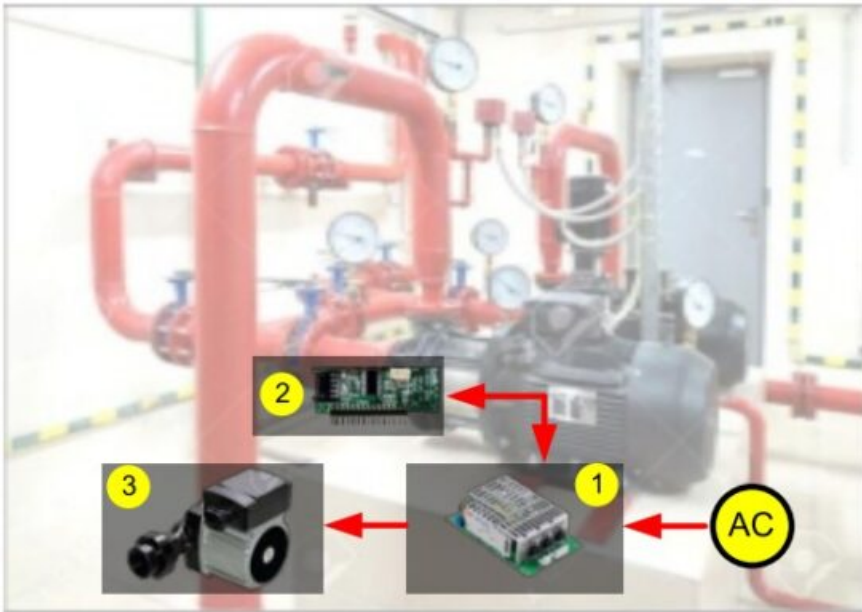
T _{ntc}	R _{ntc}	V _{temp}
45°C	4.88KΩ	2.47V
95°C	1.1KΩ	0.9V



t _{Tripmin.}	1us
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Documents / Resources

 MEAN WELL VFD-200C-230 AC Input Variable Frequency Drive Module with PFC Function Owner's Manual	MEAN WELL VFD-200C-230 AC Input Variable Frequency Drive Module with PFC Function [pdf] Owner's Manual VFD-200C-230, VFD-200C-230-20240812, VFD-200C-230 AC Input Variable Frequency Drive Module with PFC Function, VFD-200C-230, AC Input Variable Frequency Drive Module with PFC Function, Variable Frequency Drive Module with PFC Function, Frequency Drive Module with PFC Function, Drive Module with PFC Function, Module with PFC Function, with PFC Function, PFC Function, Function
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References

- [User Manual](#)

Manuals+. [Privacy Policy](#)

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