

Technical Information

Topic	Functional Safety with any EMC Filter	Reference:	VPI – V11002
Source:	YEC	Date	4-Jul-2011
Product:	V1000, A1000	Pages:	1 of 1

YASKAWA's V1000 and A1000 drives support Functional Safety (Safe Torque OFF, STO). Whenever this function was used in the past, specific EMC filters made by Schaffner had to be used as stated in technical documentations. This limitation has become obsolete.

The drive's STO function can now also be used in combination with other than Schaffner's EMC filters.

Nevertheless we strongly recommend using EMC filters offered by YASKAWA as only these are tested and proven to make our products conform to CE regulations. For all other EMC filters still additional measurements must be performed in order to prove EMC compatibility. About the recommended EMC filter, please refer to the Quick Start Guide or Technical manual.



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