

## VFD DISCONNECT SWITCHES



US PATENT # 7,324,314



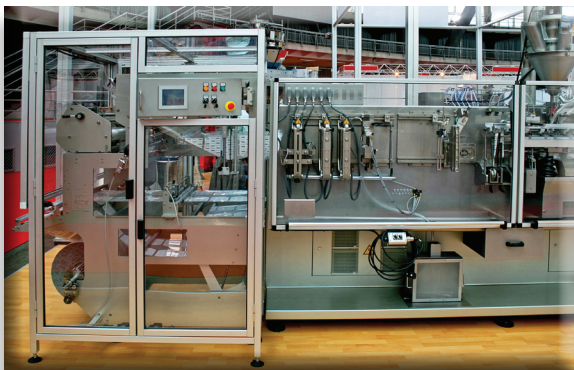
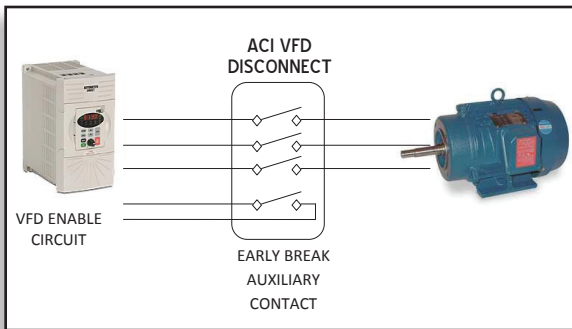
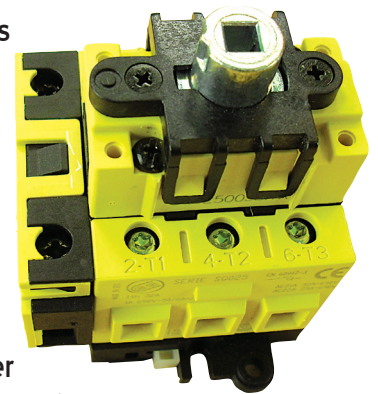
ACI's Disconnect Switch for Variable Frequency Drives (VFDs) prevents downtime of equipment due to the VFD being damaged through a "non-sequenced shutdown".

When a motor disconnect switch is turned off while the VFD is in operation, the result can damage critical electronic components such as transistors. The contacts in the disconnect switch itself can also be damaged! This damage can cause costly equipment repair and excessive process downtime as well as a potential safety risk to personnel.

ACI's line of Patented Disconnect Switches specifically for VFD applications protects them from inadvertent and non-sequenced shutdowns.

ACI integrates an 'early break auxiliary contact' into the disconnect switch which signals the VFD's processor that the disconnect contacts are being switched off. This allows the VFD to start the proper shutdown sequence, thus sparing damage to the internal electronic components and to the disconnect switch..

The VFD Disconnect Switch Series is available as a ready to mount Enclosed Unit or as Open Components for mounting in your control panels. Available in 30, 40, 60, 80, 100, 125 & 160 amp sizes.



PART#	ENCLOSED VFD SWITCH
140990	30 Amp VFD Disconnect
140991	40 Amp VFD Disconnect
140992	60 Amp VFD Disconnect
140993	80 Amp VFD Disconnect
140994	100 Amp VFD Disconnect
140995	125 Amp VFD Disconnect
140996	160 Amp VFD Disconnect

- Reduces Equipment Downtime due to Damaged VFDs
- Powers down the VFD before the Disconnect Switch contacts open
- Prevents Damage to expensive VFD Electronic Components
- Prevents Damage to the Motor Disconnect
- UL 508 Listed, cUL
- OSHA Approved Lockout/Tagout Handle Assembly
- EN 954-1 Compatible

