



Be In Control

UL508A BOTTOM MOUNT VFD BYPASS PANELS



AZP-BVB Bottom Mount VFD Bypass Panels are assembled with Contactors, Terminal Blocks, and Pilot Devices. All panels are factory wired with a control transformer saving you time and reducing installation costs. Carbon Steel enclosures come in two versions: Type 1 or Type 3R, 4 & 12. • Black/Red operating handle can be padlocked in the OFF position for extra safety and security needed during maintenance activities. • Conveniently placed input and output terminal blocks provide easy access and quick installation. • Compact panel size resulting in space savings and lower installed costs



Function Options: 2 Contactor Bypass, VFD Output & Bypass Output
3 Contactor Bypass, VFD Output & Bypass Output with Isolation Contactor

Voltage Input Options: 208v/3ph, 240v/3ph or 460v/3ph

Disconnect Fuse Options: Non-Fused, 20kA or Fused with Class J Fuses, 100kA

Disconnect Amp Options: Non-Fused - 30A / Fused with Class J Fuses, 100kA - 30A or 60A

Enclosure Option: Type 1 or Type 3R, 4 & 12 Carbon Steel Frame 2 - Dimensions 9" x 30" x 8" (W x H x D)

Pilot Device Options: Without Local Bypass Control or With Local Bypass Control

UL508A

		D030	F006	F010	F015	F020	F025	F030	F035	F040
UNITS										
ELECTRICAL GENERAL										
Max. Rated Operating Voltage, Ue	VAC	460								
Short Circuit Current Rating	kA	100								
Disconnect Rating	A	20	30 Fused						60 Fused	
Class J Time Delay Fuse Size	A	30 Non-Fused	6	10	15	20	25	30	35	40
Fuse Let-Through Characteristics	See diagram below for Maximum Instantaneous Peak Let-Through Curves									
Transformer Size	VA	150								
Transformer Primary Voltage(s)	VAC	208/230/460								
Transformer Secondary Voltage(s)	VAC	24								
Contactor Frame Size		S40	S25				S40			
COIL CHARACTERISTICS		For detailed contactor specifications by contactor frame size rating code, refer to Sec. 4 Page 14 of the catalog.								
Rated Insulation Voltage, Ui	V	1,000								
Operating Limits		80 - 110% of Rated Coil Voltage								
ENVIRONMENTAL										
Altitude	m / ft.	3,000 / 9,792								
Ambient Operating Temperature	°C / °F	-20 to 55 / -4 to 131								
Ambient Storage Temperature	°C / °F	-50 to 80 / -58 to 176								
Enclosure: Carbon Steel (M1)		Type 1								
Enclosure: Carbon Steel (M4)		Type 3R, 4 & 12								
For additional technical information including terminal torque requirements and wire information reference the corresponding schematics and installation instructions at c3controls.com .										