



Single Phase VFD Enclosure 1.5-2.2 kW w/o 24 VFD power supply



BOM Name: VFD Enclosure
BOM Note:

Item Code	Qty	Short Description	Price
Power switch Back Plate Mount			
22003003-UL	1	DISCONNECT SWITCH NON-FUSIBLE ROTARY 3-POLE 32A 600VAC UL508	\$21.50
148E1111	1	HANDLE ROUND S0 TYPE RED/YEL FRONT/RIGHT SIDE MOUNT FOR N4/4X ENCL	\$27.25
14070532	1	Socomec shaft, 320mm length, 5 x 5mm. For use with S0 and S00 type handles	\$7.00
Power switch with handle mounts to cover (others are available on eBay) cover mount has wires going to cover switch			
ABB Switch and Handle		OT40FT3 ABB 40A Disconnect Switch & OHBS2PJ HANDLE Type 1/3R/12 Combo NEW MOUNTS TO COVER NOT BACK PLATE.	\$36.00
Breaker for power supply/auxillary power and main fuses 30A			
FAZ-C15-2	1	CIRCUIT BRKR 15A 480Y/277VAC/96VDC 2-POLE C-CURVE DIN RAIL MOUNT	\$18.50
EHCC2DU	1	FUSE HOLDER 30A 600V CLASS CC 2-POLE 35mm DIN MNT	\$20.75
KTK-R-30	4	Bussmann Limitron Fast Acting Fuse KTK-R-30 Class-CC 30A two + two spares	\$8.00
Alternate Larger J class Fusing, or use the smaller CC class no difference			
1492-FB2J30-L		Allen Bradley 1492-FB2J30-L Fuse Holder 30A 600V Class-J 2-pole	\$20.00
30A J class fast acting	4	high speed Class J drive 30A fuses JLS30, A4J30 #2	\$8.85
DN-R35SAL1-2	1	DIN RAIL 35mm x 10mm 2PK 1m (3.3) SLOTTED ALUM	\$8.00
Enclosure - Example with Sub Panel from Automation Direct solid cover			
HW-141208CHQR	1	ENCL 14x12x8in N1/3/3S/4X/12/13 WALL MNT FRP GRY SGL-DOOR QR LATCH	\$136.00
HW-MP1412CS	1	SUBPANEL 12.8x10.8in FOR 14x12in MULTI ENCL SERIES 14GA CARBON STEEL	\$15.50
16x14x8			
HW-161408CHQR		ENCL 16x14x8in N1/3/3S/4X/12/13 WALL MNT FRP GRY SGL-DOOR QR LATCH	\$136.00
HW-MP1614CS		SUBPANEL 14.88 x 12.88in, FOR 16x14in MULTI ENCL SERIES 14GA CARBON STEEL	\$20.50
Also check eBay			
		Recommended: minimum 14x12x8, maximum 16x14x8, must be at least 8" in depth	
FAN - 24VDC with filter/screen			
ADDA AD1224HB-Y51		120MM Fan DC 24V direct wire to 24VDC power supply, blows into cabinet	\$8.18
120mm Filter screen		Dustproof 120mm Case Fan Dust Filter for Computer PC TWO inlet and outlet	\$4.99
Braking resistor, Eithe one based on availability			
ARF500 68R J		Chassis Mount 500 W 68 ohm 5% Metal Clad	\$52.63
A123925-ND		68 Ohms ±5% 500W Wirewound Chassis Mount Resistor	\$59.07
Internal wiring			
		10 or 12AWG 600V rated (THHN, THWN,..) wire for power in, 14AWG to sockets/power supply. Black, Red, Green	