

SmartVFD Frame 8 Wiring Diagrams and Dimensional Drawings

SPECIFICATION DATA

SmartVFD Frame Size 8

460 Vac: 100-150 HP

208/230 Vac: 50-75 HP

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SMARTVFD FRAME 8 WIRING DIAGRAMS AND DIMENSIONAL DRAWINGS

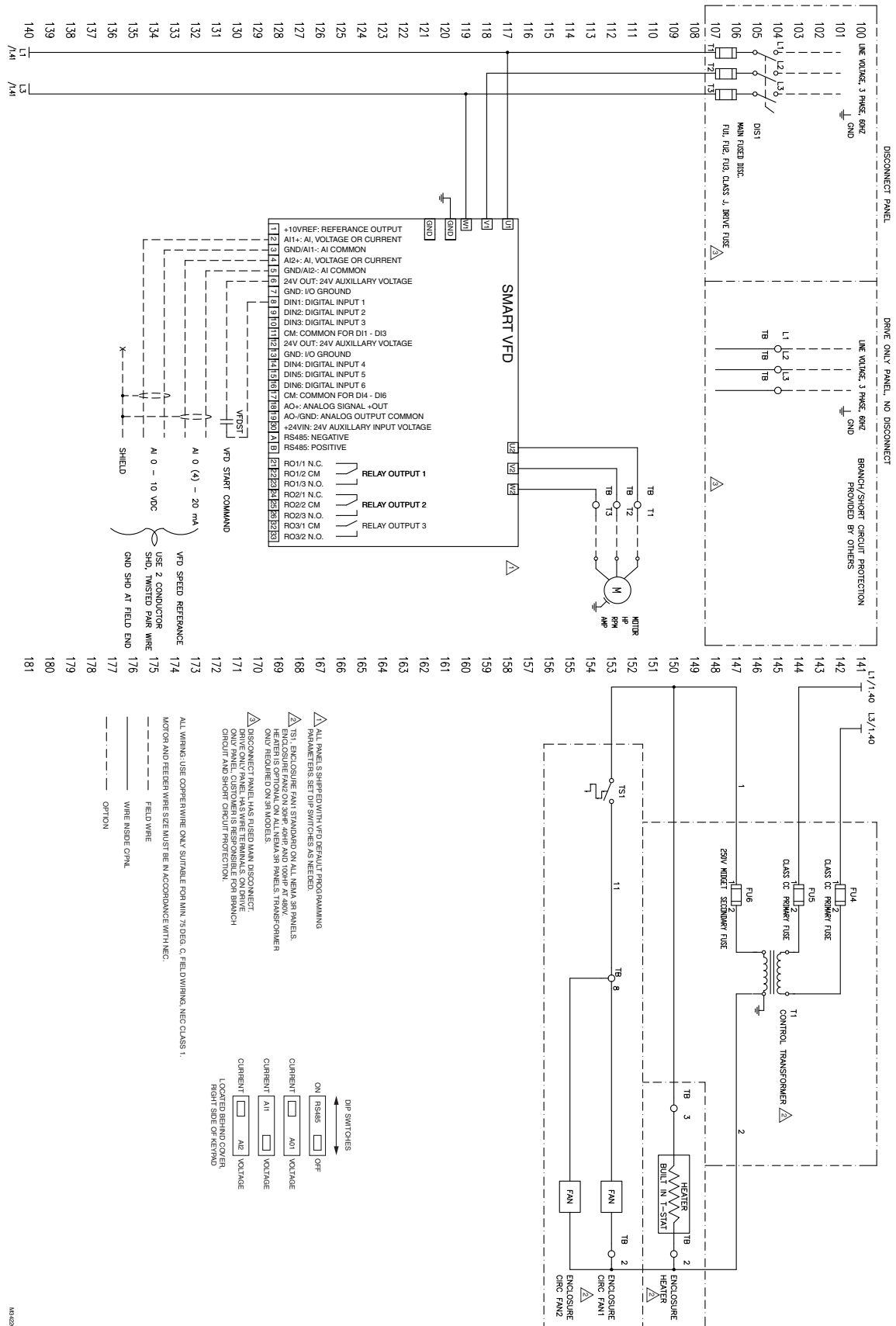


Fig. 1. Frame 8, Fused Disconnect Wiring Diagram

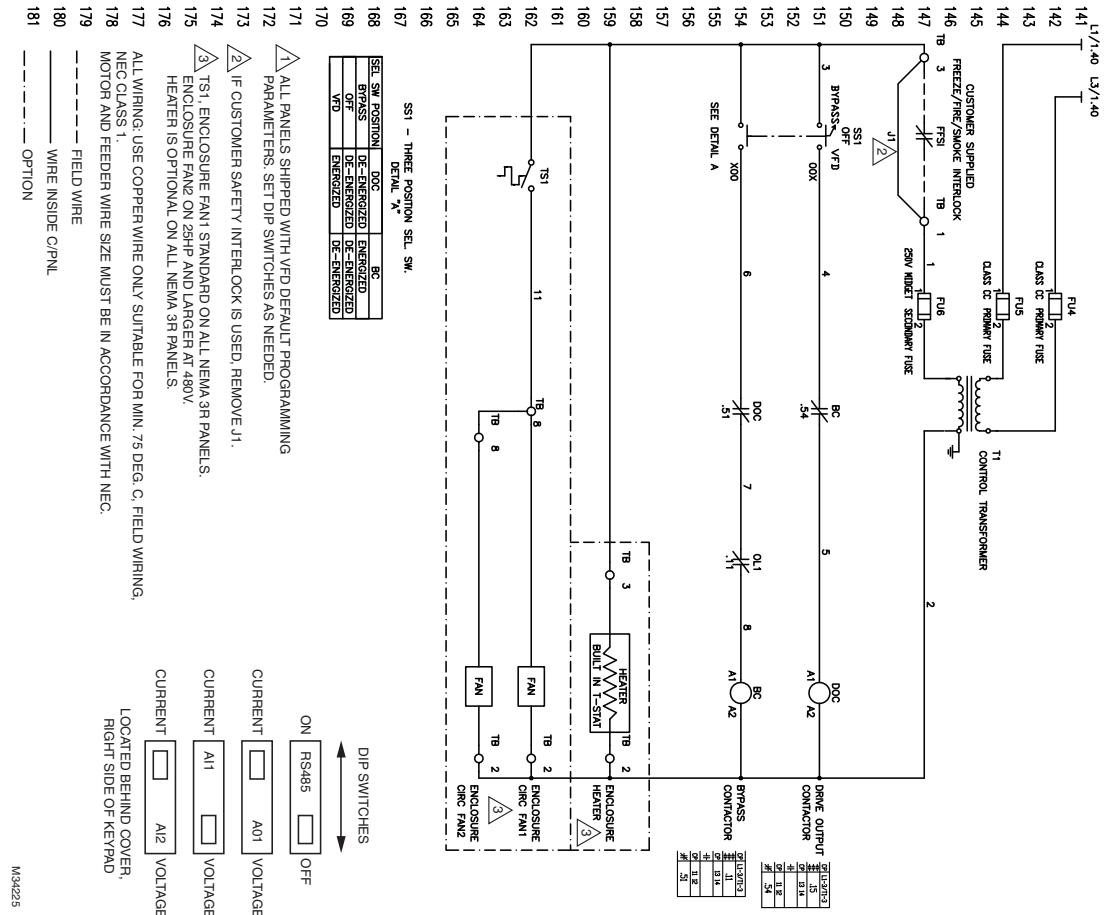
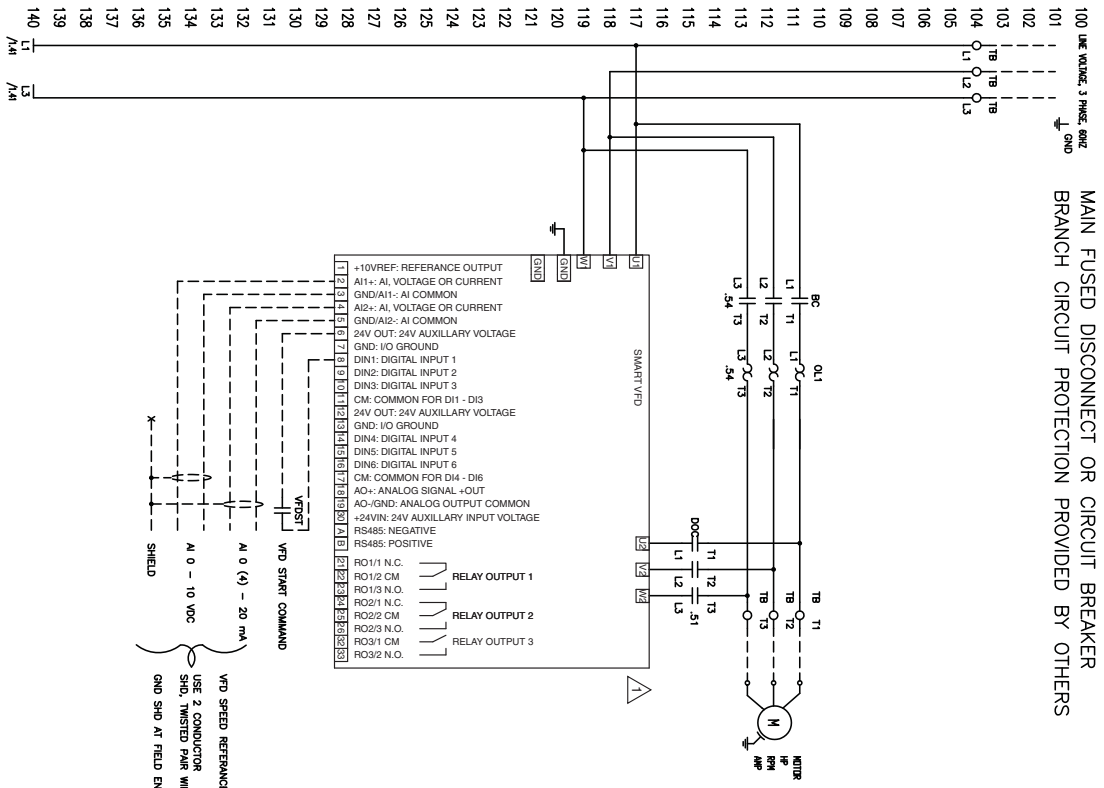


Fig. 2. Frame 8, 2 Contactor Wiring Diagram

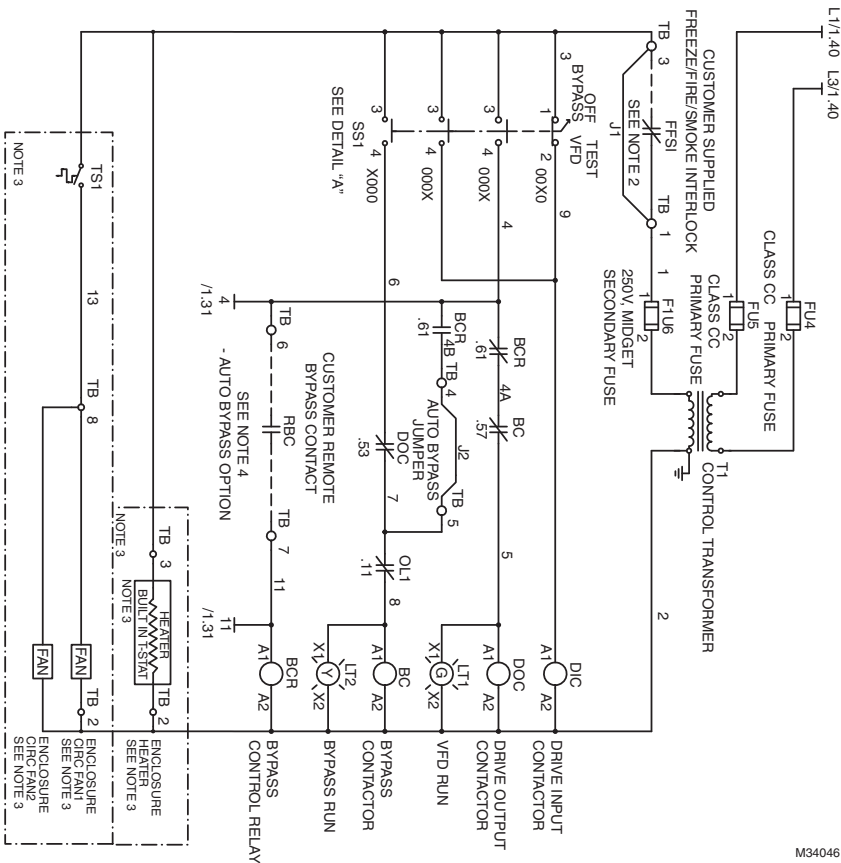
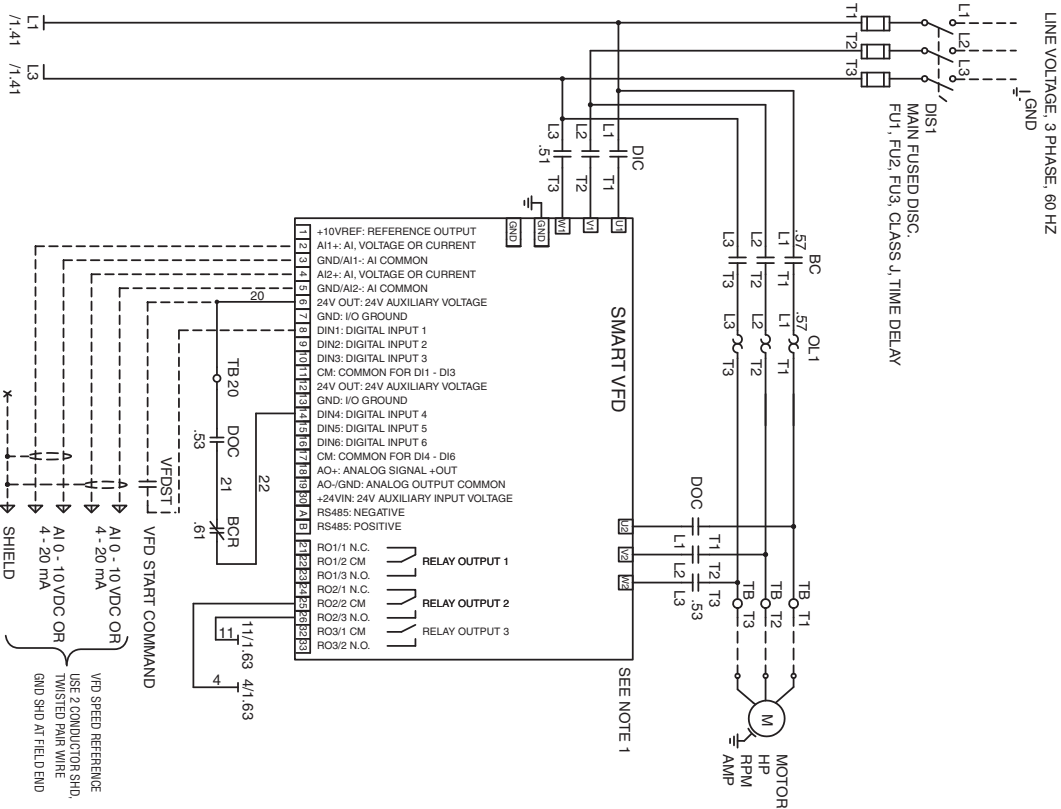
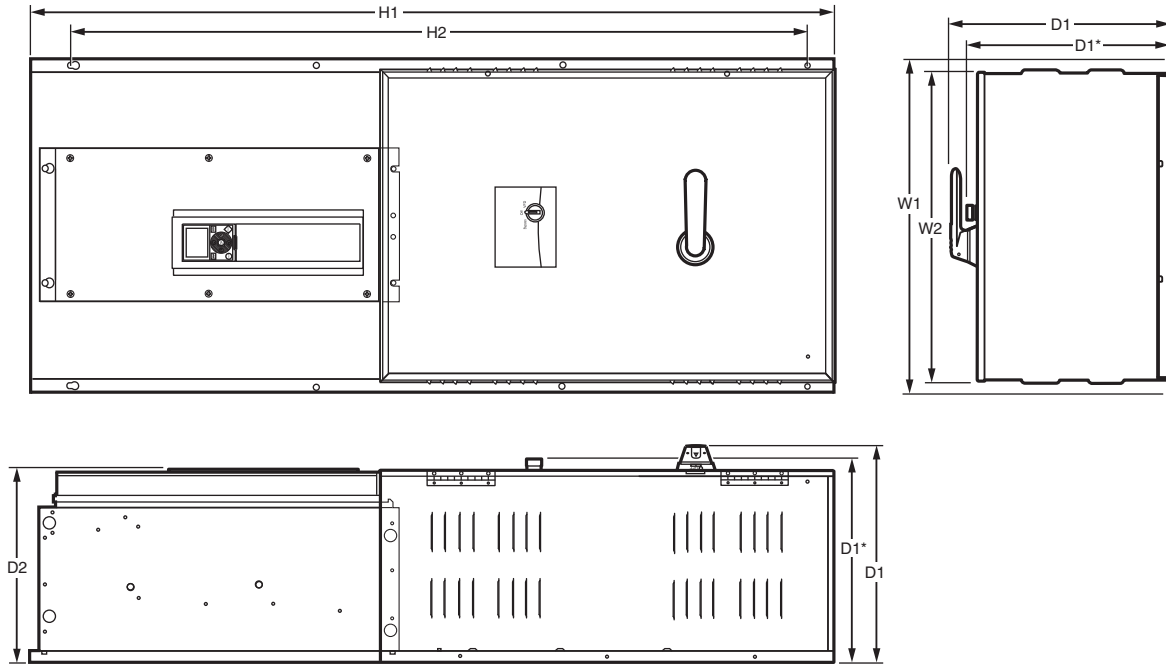


Fig. 4. Frame 8, 3 Contactor Auto-bypass Wiring Diagram.

SMARTVFD FRAME 8 WIRING DIAGRAMS AND DIMENSIONAL DRAWINGS

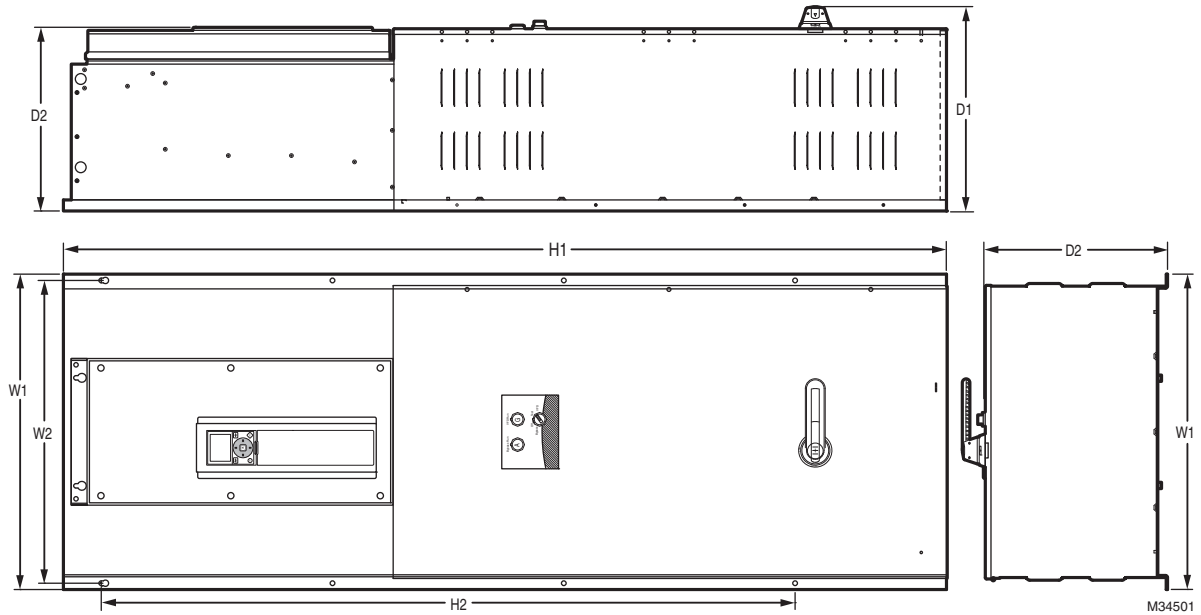


NOTE: TWO CONTACTOR DOES NOT COME WITH A DISCONNECT HANDLE.

M33827

Frame Size	HP and Voltage		Configuration	Dimensions						Weight (approx.)
	208/230	460Vac		W1	W2	H1	H2	D1	D2	Lb.
8	50HP	100HP	Disconnect	25	23.41	60	55	16.27	14.55	200
* depth of 2 CONT only			2-Contactor	25	23.41	60	55	*15.28	14.55	250
8	60HP	125HP	Disconnect	25	23.41	60	55	16.27	14.55	200
			2-Contactor	25	23.41	60	55	*15.28	14.55	265
8	75HP	150HP	Disconnect	25	23.41	60	55	16.27	14.55	200
			2-Contactor	25	23.41	60	55	*15.28	14.55	280

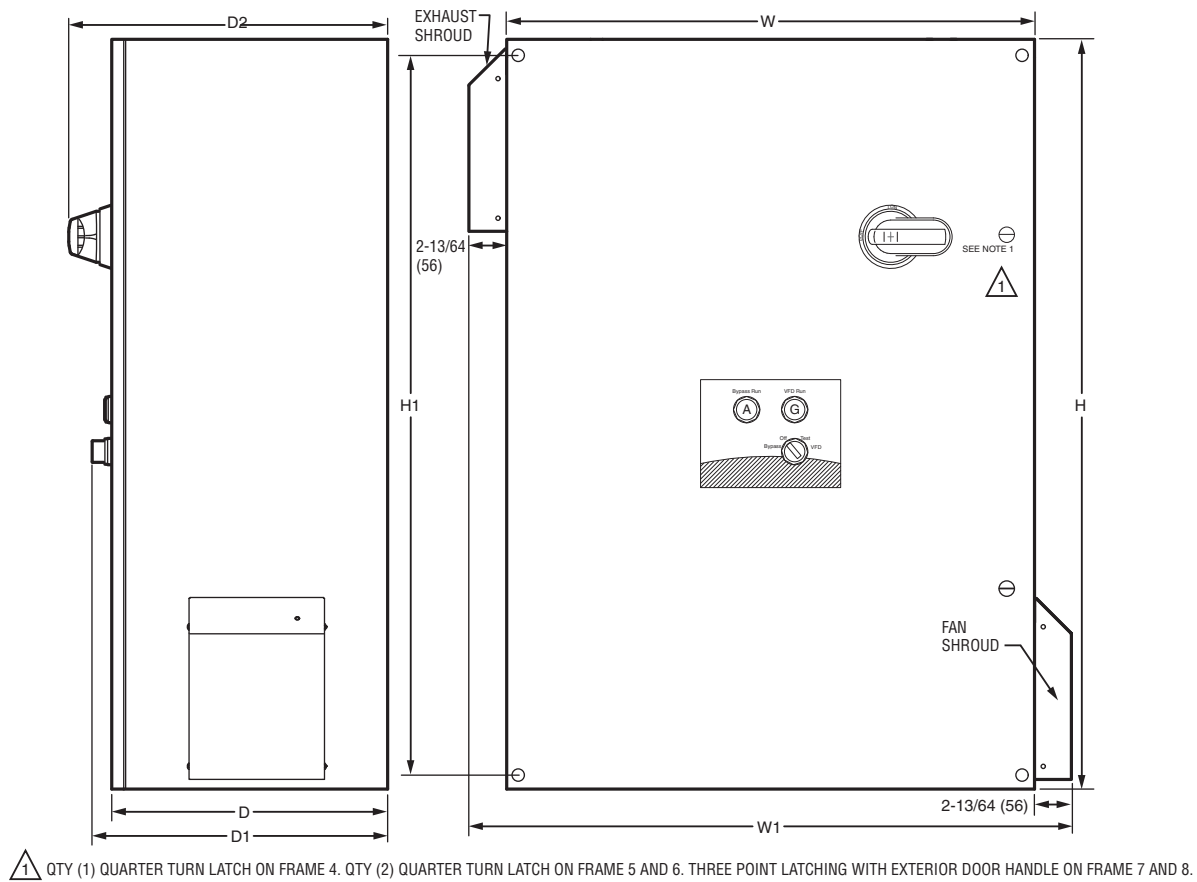
Fig. 5. Frame 8 NEMA 1: Disconnect only and 2 Contactor Dimensional Drawing.



Frame Size	HP and Voltage		Configuration	Dimensions						Weight (approx.) Lb.
	208/230 Vac	460Vac		W1	W2	H1	H2	D1	D2	
8	50HP	100HP	3-Contactor	25	24	70.06	55	16.2	14.6	285.8
			3-Contactor with Auto-Bypass	25	24	70.06	55	16.2	14.6	287
8	60HP	125HP	3-Contactor	25	24	70.06	55	16.2	14.6	295.3
			3-Contactor with Auto-Bypass	25	24	70.06	55	16.2	14.6	297
8	75HP	150HP	3-Contactor	25	24	70.06	55	16.2	14.6	331.3
			3-Contactor with Auto-Bypass	25	24	70.06	55	16.2	14.6	333

Fig. 6. Frame 8 NEMA1: 3 Contactor and 3 Contactor with Auto-Bypass Dimensional Drawing.

SMARTVFD FRAME 8 WIRING DIAGRAMS AND DIMENSIONAL DRAWINGS



M34503

Frame Size	HP and Voltage		Configuration	Dimensions					Weight (approx.) Lb.	
	208/230 Vac	460Vac		H	H1	W	W1	D		D2
8	50HP, 60HP, 75HP	100HP, 125HP, 150HP	Disconnect Only	60	58.5	36	40.5	12	14	340
8	50HP, 60HP, 75HP	100HP, 125HP, 150HP	2-Contactor	60	58.5	36	40.5	12	12.5	430
8	50HP, 60HP, 75HP	100HP, 125HP, 150HP	3-Contactor	60	58.5	36	40.5	12	14	440
8	50HP, 60HP, 75HP	100HP, 125HP, 150HP	3-Contactor with Auto-bypass	60	58.5	36	40.5	12	14	440

Fig. 7. Frame 8 NEMA3R: Disconnect Only, 2 Contactor, 3 Contactor, and 3 Contactor with Auto- Bypass.

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Honeywell International Inc.
1985 Douglas Drive North
Golden Valley, MN 55422
customer.honeywell.com



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