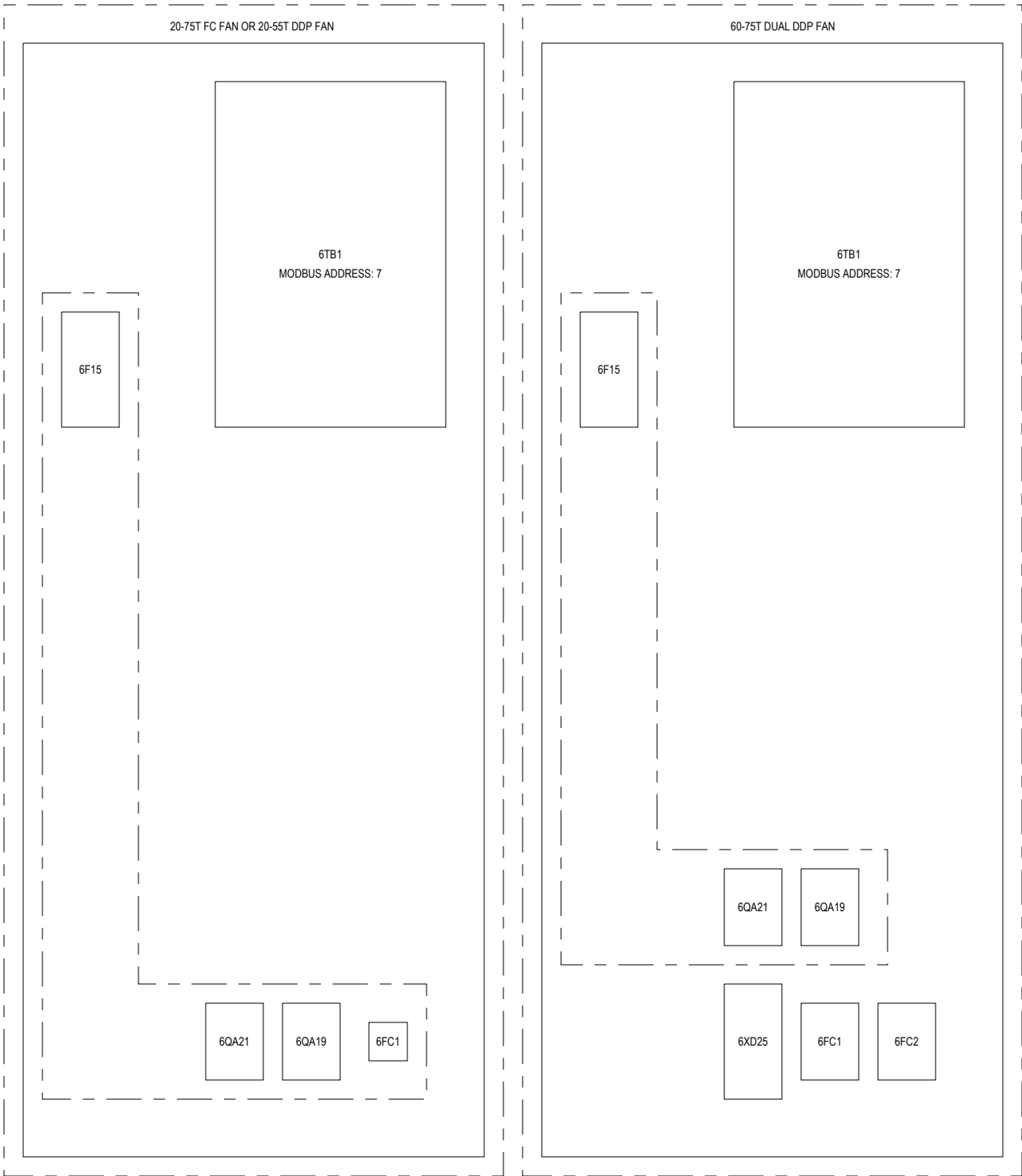
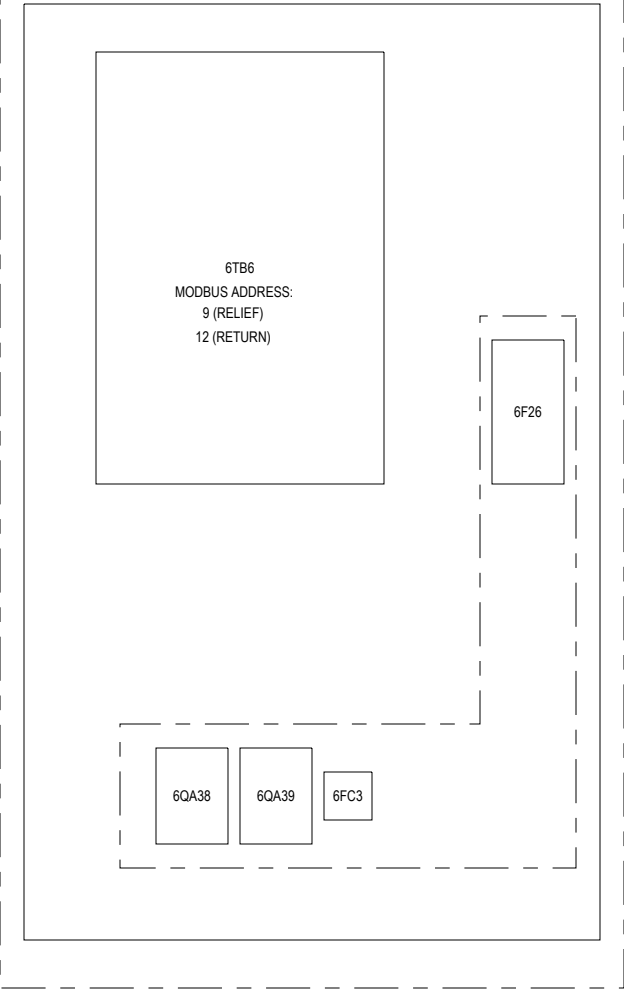


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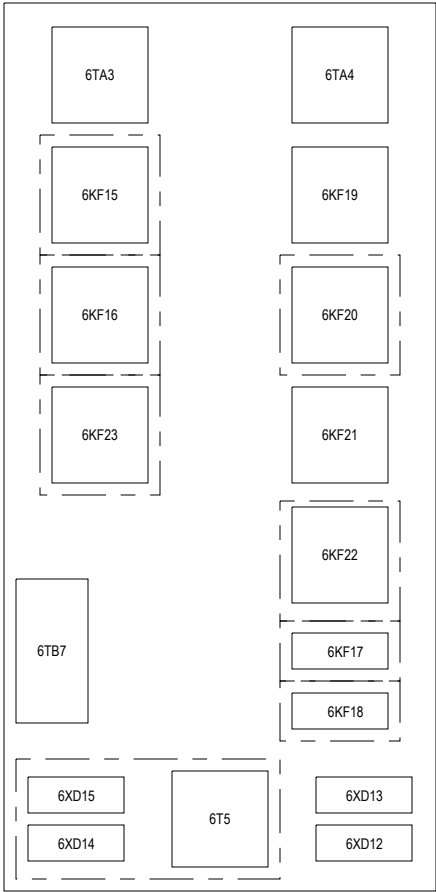
SUPPLY FAN VFD PANEL



RELIEF/RETURN FAN VFD PANEL



AIR HANDLER CONTROL PANEL



BELT DRIVE SUPPLY FAN VFD PROTECTION, WITH BYPASS (6F15)-x3 EACH											
VOLTAGE	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	25 HP	30 HP	40 HP	50 HP	
200V	25A	50A	80A	80A	100A	100A	100A	150A	N/A	N/A	
230V	25A	25A	50A	80A	80A	100A	100A	150A	N/A	N/A	
380-415V	15A	15A	25A	25A	50A	50A	80A	125A	125A	N/A	
460V	15A	15A	25A	25A	50A	50A	80A	80A	125A	125A	
575V	20A	20A	20A	20A	30A	30A	80A	80A	80A	125A	
0-100A ARE CLASS J - FAST ACTING. 110-200A ARE CLASS T - FAST ACTING.											

SINGLE DIRECT DRIVE SUPPLY FAN VFD PROTECTION, WITH BYPASS (6F15)-x3 EACH												
VOLTAGE	3 HP	5 HP	7.5 HP	10 HP	10 HP	15 HP	20 HP	20 HP	25 HP	30 HP	30 HP	HP
				4-POLE 1.7K-2.4K RPM	6-POLE 1.0K-1.6K RPM		4-POLE 1.7K-2.4K RPM	6-POLE 1.0K-1.6K RPM				
200V	25A	50A	80A	80A	80A	100A	100A	100A	100A	150A	100A	150A
230V	25A	25A	50A	80A	80A	80A	100A	100A	100A	100A	150A	150A
460V	15A	15A	25A	25A	50A	50A	50A	50A	80A	80A	80A	80A
575V	20A	20A	20A	20A	30A	30A	30A	30A	80A	80A	80A	80A
0-100A ARE CLASS J - FAST ACTING. 110-200A ARE CLASS T - FAST ACTING.												

DUAL DIRECT DRIVE SUPPLY FAN VFD PROTECTION, WITH BYPASS (6F15)-x3 EACH											
VOLTAGE	2X 5 HP	2X 7.5 HP 4-POL 17K-42K RPM	2X 10 HP 6-POL 10K-18K RPM	2X 10 HP 4-POL 17K-42K RPM	2X 10 HP 6-POL 10K-18K RPM	2X 15 HP 4-POL 17K-42K RPM	2X 15 HP 6-POL 10K-18K RPM	2X 20 HP	2X 25 HP		
200V	80A	100A	100A	100A	100A	150A	150A	N/A	N/A		
230V	80A	80A	100A	100A	100A	150A	150A	N/A	N/A		
460V	50A	50A	50A	50A	80A	80A	110A	110A	110A		
575V	30A	30A	30A	30A	80A	80A	80A	80A	110A		
0-100A ARE CLASS J - FAST ACTING. 110-200A ARE CLASS T - FAST ACTING.											

RELIEF/RETURN FAN VFD PROTECTION, WITH BYPASS (6F26)-x3 EACH							
VOLTAGE	3 HP	5 HP	7.5 HP	10 HP	15 HP	20 HP	
200V	25A	50A	80A	80A	100A	100A	
230V	25A	25A	50A	80A	80A	100A	
380-415V	15A	15A	25A	25A	50A	50A	
460V	15A	15A	25A	25A	50A	50A	
575V	20A	20A	20A	20A	30A	30A	
FUSES ARE CLASS J-FAST ACTING							

LEGEND		
REF DES	DESCRIPTION	LINE NO
6F15	FUSEBLOCK - SUPPLY FAN VFD #1	911
6F26	FUSEBLOCK - RELIEF/RETURN FAN VFD	910
6FC1	OVERLOAD - SUPPLY FAN #1	929
6FC2	OVERLOAD - SUPPLY FAN #2	929
6FC3	OVERLOAD - RELIEF/RETURN FAN	920
6KF15	LLID (HEX) - DAMPER CONTROLS	939
6KF16	LLID (HEX) - SPACE PRESSURE/TRAQ	942
6KF17	LLID (DUAL) - REHEAT PUMPOUT	949
6KF18	LLID (DUAL) - VFD BYPASS ENABLE	951
6KF19	LLID (HEX) - SUPPLY AIR PRESSURE	939
6KF20	LLID (HEX) - HUMIDITY	942
6KF21	LLID (HEX) - FILTER STATUS #1	944
6KF22	LLID (HEX) - FILTER STATUS #2	947
6KF23	LLID (HEX) - RETURN PRESSURE	944
6QA19	CONTACTOR - BYPASS SUPPLY FAN VFD #1	925,928
6QA21	CONTACTOR - RUN SUPPLY FAN VFD #1	925,928
6QA38	CONTACTOR - RUN RELIEF/RETURN FAN VFD	919
6QA39	CONTACTOR - BYPASS RELIEF/RETURN FAN VFD	919
6T5	TRANSFORMER - 24V ACTUATORS	952
6TA3	POWER SUPPLY #1 - RETURN SECTION	937
6TA4	POWER SUPPLY #2 - RETURN SECTION	937
6TB1	SUPPLY FAN VFD #1	907
6TB6	RELIEF/RETURN FAN VFD	907
6TB7	SUPPLY FAN VFD #1 KEYPAD	948
6XD12	TERMINAL BLOCK - 115VAC	953
6XD13	TERMINAL BLOCK - 115VAC COMMON	952
6XD14	TERMINAL BLOCK - 24VAC	953
6XD15	TERMINAL BLOCK - 24VAC COMMON	952
6XD25	TERMINAL BLOCK - SUPPLY FAN OVERLOADS	928

NOTES:
1. ALL FUSES ARE RATED FOR 600VAC

DESIGNER:	A. WAELE
ENGINEER:	S. MCKINLEY
TRANE © DATE:	4-FEB-2022
REPLACES:	
SIMILAR TO:	
REVISION DATE:	4-FEB-2022
REVISED BY:	A. WAELE
APPROVED BY:	S. MCKINLEY
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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IPAK 1
COMPONENT LAYOUT
20-75T VFD SECTION PANELS

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134389	16 OF 17	B