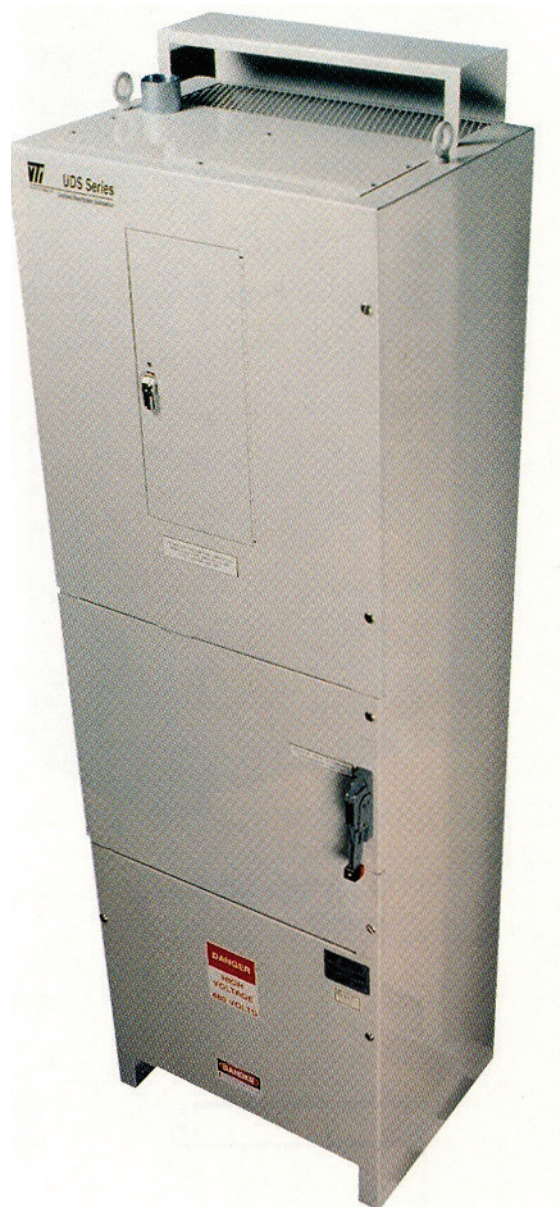


UNITIZED DISTRIBUTION SYSTEM (UDS)



The UDS is designed to provide electrical power distribution for industrial plants, commercial buildings, instrument loads, outdoor lighting, heat trace and any other power distribution application. This compact design provides one stand-alone enclosure that includes a power distribution transformer, a current limiting disconnecting device and a panelboard for individual branch circuit breakers. The UDS is engineered, fabricated, assembled, factory wired, quality controlled and tested, and ready for shipment to the customer's site for easy installation.

STANDARD FEATURES

- Free standing, fully enclosed unit
- NEMA 1 Enclosure
- Heavy gauge welded steel construction
- UL or cUL labels
- Meets NEC Electrical Codes
- Internally mounted transformer
- Isolated compartment for main secondary circuit breaker or fused disconnect switch with external lockable operating handle
- Rear chimney design allows heat to bypass distribution components
- Square D components: NQ or NF panelboards
- Standard Transformers: Sola/HeviDuty
- Isolated Power Compartments
- Mechanically interlocked compartment doors with "bypass" mechanism to allow entry by authorized personnel
- Extra large wiring gutters
- Key locked door for access to branch circuit breakers
- Recessed panelboard to allow individual branch circuit breaker to be locked out while remaining circuits are operating and the panel board access door is closed
- Cirrus gray powder finish
- Lifting eyes for easy handling



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UNITIZED DISTRIBUTION SYSTEM (UDS)

OPTIONAL FEATURES

- Current limiting disconnect device on the transformer primary which may be a fused disconnect switch or main circuit breaker
- Electrostatically shielded transformer for instrument loads
- Transformer options : Copper windings, 600 volt primaries, K4 rated, K13 rated, K20 rated, 50 HZ, 380-415 volt primary
- High efficiency Low-Loss transformers per NEMA Std. TP-1
- 80°C and 115°C Rise Transformer
- All copper lugs, neutral and ground bus
- Transient Suppression Network
- Enclosure types: NEMA 1 and 1A, NEMA 3, NEMA 4X, and NEMA 12
- Provisions for bottom entry for customer load connections
- Lighting contactors with HOA selector switch for photo cell or timer control
- Isolated ground bus
- Dual 42 circuit panelboards in separate isolated compartments for 84 circuits
- GFI and/or EPD style branch circuit breakers

**Please consult the factory for any options not listed above*



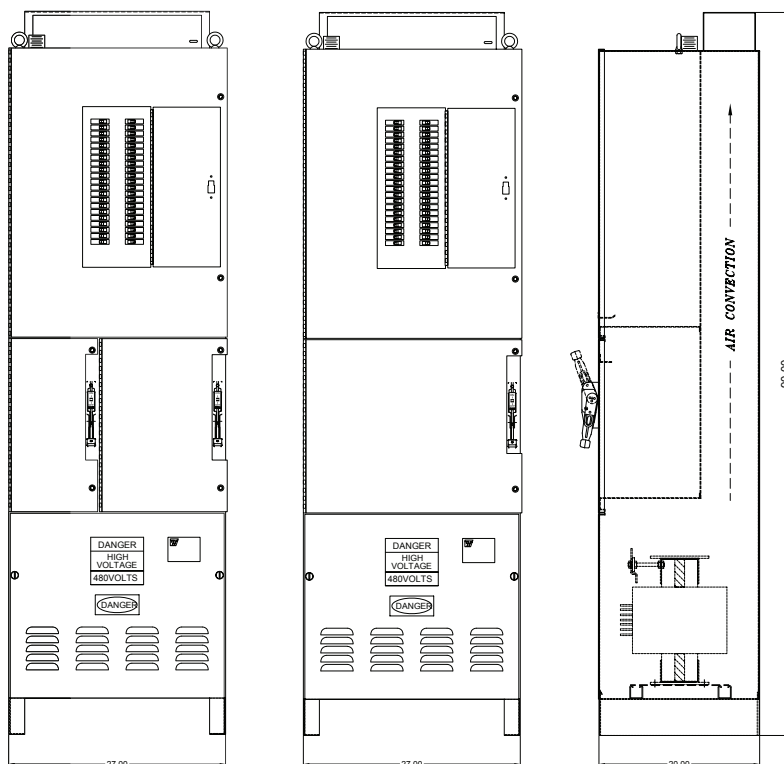
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UNITIZED DISTRIBUTION SYSTEM (UDS)

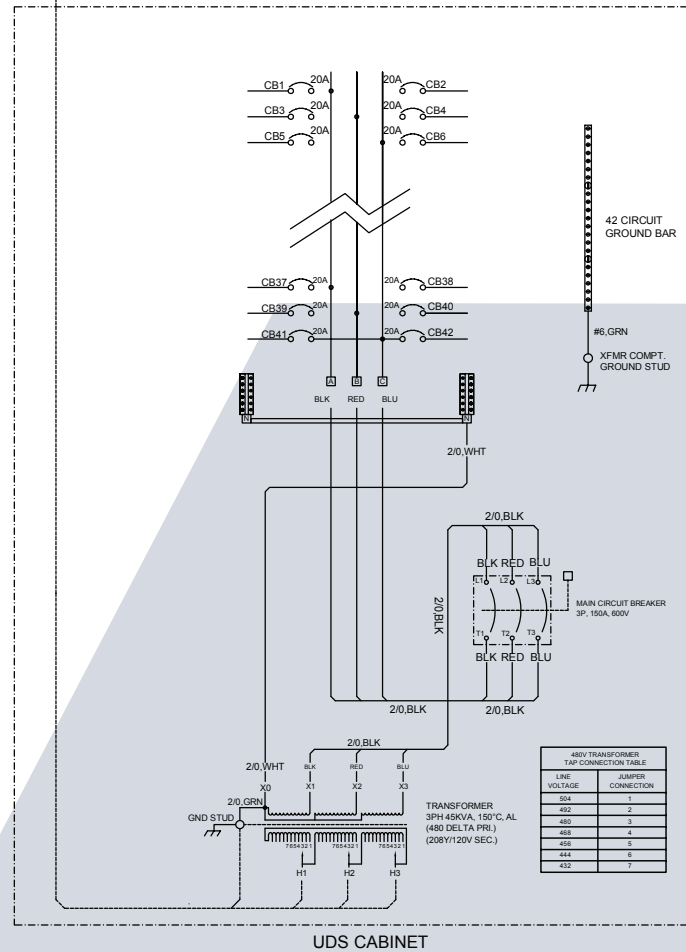
XFMR Rating	PhaseΦ	Primary Voltage *	Primary MB or Fuse size	Secondary Voltage	Secondary MB or Fuse size	Dimensions			Weights
						A	B	C	
15 KVA	1	480V	40amp	240/120V	80amp	90"	20"	27"	550 lbs
15 KVA	3	480V	25amp	208/120V	50amp	90"	20"	27"	550 lbs
15 KVA	3	480V	25amp	480Y/277V	25amp	90"	20"	27"	550 lbs
25 KVA	1	480V	65amp	240/120V	150amp	90"	20"	27"	600 lbs
30 KVA	3	480V	45amp	208/120V	100amp	90"	20"	27"	600 lbs
30 KVA	3	480V	45amp	480Y/277V	45amp	90"	20"	27"	600 lbs
37.5KVA	1	480V	100amp	240/120V	200amp	90"	20"	27"	700 lbs
45 KVA	3	480V	70amp	208/120V	150amp	90"	20"	27"	700 lbs
45 KVA	3	480V	70amp	480Y/277V	70amp	90"	20"	27"	700 lbs
75 KVA	3	480V	125amp	208/120V	225amp	90"	20"	27"	910 lbs
75 KVA	3	480V	125amp	480Y/277V	125amp	90"	20"	27"	910 lbs

* All Transformers are available with a primary voltage of 600 volts; 208/120 secondary voltage is available in Main Breaker only



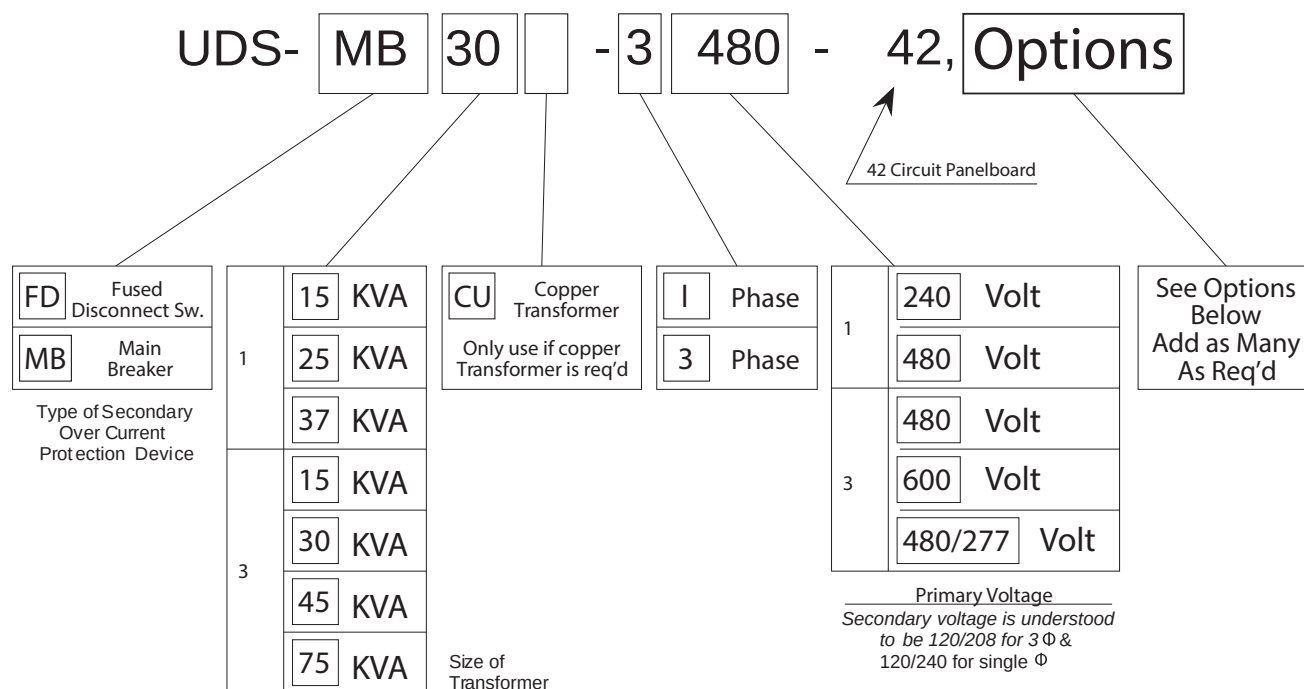
CUSTOMER SERVICE
480V
3PH, 60Hz
A B C GND

DISCONNECT DEVICE AND A SINGLE PROTECTIVE DEVICE TO BE PROVIDED BY THE INSTALLER.



UNITIZED DISTRIBUTION SYSTEM (UDS)

Catalog Number Development



Optional Suffixes: Add multiple suffixes as required

PD	Primary Non-Fused Disconnect Switch	PB	Primary Circuit Breaker
PFD	Primary Fused Disconnect Switch	BE	Provisions for Bottom Entry
CBL	Sod Branch Circuit Breaker Lockout Kit	3R	NEMA 3R Weather Proof Enclosure
BON	Bolt-On Branch Circuit Breakers	4X	NEMA 4X SST Enclosure (Transformer is Ventilated)
ACU	All Copper Bus, Lugs, & Neutral	NEMA12	NEMA 12 Gasketed Closure
CP	Copper Panelboard Bus (Only)	K4	K4 Rated Transformer for Non-Linear Loads
GB	Aluminum Ground Bus	K13	K13 Rated Transformer for Non-Linear Loads
GBCU	Copper Ground Bus	K20	K20 Rated Transformer for Non-Linear Loads
IGB	Isolated Aluminum Ground Bus	80C	80° C rise Transformer (Also 115° C)
IGBCU	Isolated Copper Ground Bus	RF	Rejection Fuses on Disconnect Switch
2X42	Dual 42 Circuit Panelboards (34" Wide Enclosure Only)	(QTY.)LCT (#POLES)-HOA	Lighting Contactor w/ Hand-Off-Auto Sel. Sw. Specify: The No. of contactors, No. of poles & current rating Example: 2LCT4-HOA: 2-4 Pole Contactors w/ HOA



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