

NOTES:

APPROXIMATE WEIGHT:

MODELS RATED 250-600A: 250 LBS.

MODELS RATED 700-1200A: 400 LBS.

2. ASSEMBLY IS UL/CUL LISTED TO UL 891 AND C22.2 NO. 244.

- 3. NEMA 1 WALL MOUNT ENCLOSURE.
- 4. THE BOX AND TRIM ARE CONSTRUCTED OF GALVANIZED STEEL.
- THE TRIM FINISH IS POWDER COATED ON ALL EXTERNAL AND VISIBLE SURFACES, BOX AND ALL INTERNAL MOUNT BRACKETS ARE GALVANIZED FINISH.
- 6. THE CABINET IS TO BE MOUNTED THROUGH Ø0.531" HOLES IN THE BACK OF THE ENCLOSURE.

WALL MOUNT MAINTENANCE BYPASS BREAKER PANEL

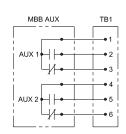
225-750KVA, 277V/480V, 3Ø/4W/G, 3 BREAKER

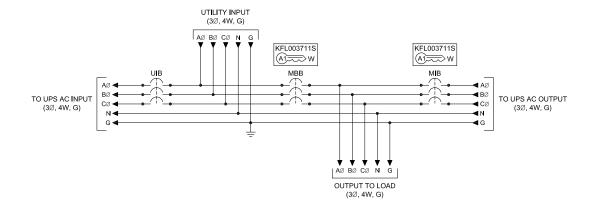
INTERLOCK CONFIGURATION 2

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DIMENSIONS ARE IN INCHES			INITIALS		DATE		
		ANCES:		DRAWN	СН	10/24/2019	
	CIMALS X ±.13	: ANGLI		CHECKED		10.22010	
	X ± 062			CHECKEL	CH	10/24/2019	
SCALE: NTS	SIZE: A	REV: 3		SHEET 1 OF 2			







NOTES:

- 1. "UIB" UPS INPUT BREAKER
- 2. "MBB" MAINTENANCE BYPASS BREAKER
- 3. "MIB" MAINTENANCE ISOLATION BREAKER
- 4. ALL INTERNAL ELECTRICAL CONNECTIONS BETWEEN "UIB", "MBB" AND "MIB" ARE MADE USING COPPER BUS BARS.
- 5. 800A RATED NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (9) #6 - 350 MCM CABLES. (FOR SG SERIES 225-400KVA AND TLE SERIES 250-500KVA)
- 6. 1200A RATED NEUTRAL BUS PROVIDED WITH MECHANICAL LUGS THAT ACCEPT A TOTAL OF (12) #2 - 600 MCM CABLES. (FOR SG SERIES 500-750KVA AND TLE SERIES 750KVA)
- 7. GROUND LUG ACCEPTS (3) #6 350 MCM CABLES.
- 8. MECHANICAL LUGS USED FOR THE UTILITY INPUT & THE OUTPUT TO LOAD HAVE THE SAME WIRE RANGE AS THE CIRCUIT BREAKERS.
- 9. THIS DRAWING IS TO BE USED FOR ELECTRICAL PURPOSES ONLY AND DOES NOT REPRESENT THE ACTUAL MECHANICAL LAYOUT OF THE EQUIPMENT.

- 1. THE "E" OR "W" NEXT TO THE INTERLOCK INDICATES THE POSITION OF THE INTERLOCK BOLT WHEN THE KEY IS REMOVABLE. "E" = EXTENDED AND "W" = WITHDRAWN.
- 2. THE KEY OR KEYS NEXT TO THE INTERLOCK INDICATES THE KEY NUMBER THAT FUNCTIONS WITH THE INTERLOCK.

225 256 (@ 480VAC L03450 UiB 450A (TMAG) (2) 4 -4/0 L03450 UiB 450A (TMAG) (1) 4/0 -600 UiB 450A (TMAG) (2) 4 -4/0 HLD3450 UiB 450A (TMAG) (2) 4 -4/0 HLD3450 UiB 450A (TMAG) (2) 4 -4/0 HLD3450 UiB 450A (TMAG) (2) 400 -500 MBB & MIB 350A (TMAG) (2) 400 -500 UiB 600A (TMAG) (3) 30 -400 UiB 450A (TMAG) (3) 400 UiB 450A (TMAG) (4) 40 -500 UiB 450A (T	UPS SERIES	KVA	AIC	BREAKER MODEL	LOCATION	TRIP	WIRE RANGE
1000 1000			051/ 0 /001/40	LD3450	U I B	450A (TMAG)	(2) 4 - 4/0
SG			35K @ 480VAC	LD3350	MBB & MIB	350A (TMAG)	(1) 4/0 - 600
SG		225	0514 0 400) 44 0	HLD3450	U I B	450A (TMAG)	(2) 4 - 4/0
SG			65K @ 480VAC	HLD3350	MBB & MIB	350A (TMAG)	(1) 4/0 - 600
SG			0514 0 400144 0	LD3600	U I B	600A (TMAG)	(2) 400 - 500
SG			35K @ 480VAC	LD3500	MBB & MIB	500A (TMAG)	(2) 3/0 - 350
SG 400		300	65K @ 480VAC	HLD3600	U I B	600A (TMAG)	(2) 400 - 500
SG				HLD3500	MBB & MIB	500A (TMAG)	(2) 3/0 - 350
SG			50K @ 480VAC	MDL3800	U I B	800A (TMAG)	(3) 3/0 - 400
Force Forc		400		MDL3600	MBB & MIB	600A (TMAG)	(3) 3/0 - 400
### TEE MMDL3600 MBB & MIB 600A (TMAG) (3) 3/0 - 400	SG	400	2514 (2) 4003/44 (2)	HMDL3800	U I B	800A (TMAG)	(3) 3/0 - 400
SOK @ 480VAC NGS308033E MBB & MIB 800A (LS) (3) 3/0 - 400			65K @ 480VAC	MMDL3600	MBB & MIB	600A (TMAG)	(3) 3/0 - 400
FOOD				NGS312033E	U I B	1000A (LS)	(3) 3/0 - 400
Force Forc			50K @ 480VAC	NGS308033E	MBB & MIB	800A (LS)	(3) 3/0 - 400
NGH308033E MBB & MIB 800A (LS) (3) 3/0 - 400		500		NGH312033E	UIB	1000A (LS)	(3) 3/0 - 400
Toology			65K @ 480VAC	NGH308033E	MBB & MIB	800A (LS)	(3) 3/0 - 400
T50				NGS312033EC	U I B	1200A (LS 100%)	(4) 4/0 - 500
NGH312033EC			50K @ 480VAC			1200A (LS)	(4) 4/0 - 500
NGH312033E MBB & MIB 1200A (LS) (4) 4/0 - 500		750	65K @ 480VAC	NGH312033EC	U I B	1200A (LS 100%)	(4) 4/0 - 500
TLE S5K @ 480VAC LD3400 MBB & MIB 400A (TMAG) (1) 4/0 - 600 HLD3450 UIB 450A (TMAG) (2) 4 - 4/0 HLD3400 MBB & MIB 400A (TMAG) (2) 4 - 4/0 HLD3400 MBB & MIB 400A (TMAG) (2) 400 - 500 UIB 600A (TMAG) (2) 400 - 500 UIB 600A (TMAG) (2) 3/0 - 350 HLD3500 MBB & MIB 500A (TMAG) (2) 3/0 - 350 HLD3500 MBB & MIB 500A (TMAG) (2) 3/0 - 350 HLD3500 MBB & MIB 500A (TMAG) (2) 3/0 - 350 UIB 600A (TMAG) (2) 3/0 - 350 UIB 600A (TMAG) (2) 3/0 - 350 UIB 600A (TMAG) (2) 400 - 500 UIB UIB UIB UIB UIB UIB UIB UIB				NGH312033E	MBB & MIB	1200A (LS)	(4) 4/0 - 500
The			35K @ 480VAC	LD3450	U I B	450A (TMAG)	(2) 4 - 4/0
TLE				LD3400	MBB & MIB	400A (TMAG)	(1) 4/0 - 600
TLE HLD3400 MBB & MIB 400A (TMAG) (1) 4/0 - 600		250		HLD3450	UIB	450A (TMAG)	(2) 4 - 4/0
TLE 300 Color			65K @ 480VAC	HLD3400	MBB & MIB	400A (TMAG)	(1) 4/0 - 600
TLE A00				LD3600	U I B	600A (TMAG)	(2) 400 - 500
TLE		300	35K @ 480VAC	LD3500	MBB & MIB	500A (TMAG)	(2) 3/0 - 350
TLE ADDITION Color Colo			0514 0 400144 0	HLD3600	U I B	600A (TMAG)	(2) 400 - 500
TLE A00			65K @ 480VAC	HLD3500	MBB & MIB	500A (TMAG)	(2) 3/0 - 350
TLE A00			0514 @ 400144 0	CLDB3600FT33W	U I B	600A (LS 100%)	(2) 400 - 500
TLE Columb			35K @ 460VAC	LD3600	MBB & MIB	600A (TMAG)	(2) 400 - 500
TLE The column		400	0514 0 400144 0	CHLDB3600FT33W	U I B	600A (LS 100%)	(2) 400 - 500
50K @ 480VAC CMDLB3800FT33W UIB 700A (LS 100%) (2) 1 - 500			65K @ 48UVAC	HLD3600	MBB & MIB	600A (TMAG)	(2) 400 - 500
MDLB3800FT33W MBB & MIB 800A (LS) (3) 3/0 - 400 65K @ 480VAC CHMDLB3800FT33W MBB & MIB 800A (LS) (2) 1 - 500 HMDLB3800FT33W MBB & MIB 800A (LS 100%) (2) 1 - 500 MGS312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 MGS312033EC MBB & MIB 800A (LS 100%) (3) 3/0 - 400 MGH312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 MGH312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 MGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 MGS312033EC WBB & MIB 1000A (LS 100%) (3) 3/0 - 400 MGS312033EC WBB & MIB 1000A (LS 100%) (3) 3/0 - 400 MGS312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 MGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 MGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500	ILE		501/ 0 4001/40	CMDLB3800FT33W	U I B	700A (LS 100%)	(2) 1 - 500
65K @ 480VAC		500	50K @ 460VAC	MDLB3800FT33W	MBB & MIB	800A (LS)	(3) 3/0 - 400
HMDLB3800FT33W MBB & MIB 800A (LS) (3) 3/0 - 400 NGS312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 NGS312033EC MBB & MIB 800A (LS 100%) (3) 3/0 - 400 NGS312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC MBB & MIB 800A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 NGS312033EC WBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGS312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500		500	0514 0 400) 44 0	CHMDLB3800FT33W	U I B	700A (LS 100%)	(2) 1 - 500
50K @ 480VAC NGS312033EC MBB & MIB 800A (LS 100%) (3) 3/0 - 400 NGS12033EC UIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC MBB & MIB 800A (LS 100%) (3) 3/0 - 400 NGS312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 NGS312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGS312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 NGS312033EC UIB 1200A (LS 100%) (4) 4/0 - 500			65K @ 48UVAC	HMDLB3800FT33W	MBB & MIB	800A (LS)	(3) 3/0 - 400
625 625 65K @ 480VAC		625	5014 0 4001/40	NGS312033EC	U I B	1000A (LS 100%)	(3) 3/0 - 400
NGH312033EC			50K @ 480VAC	NGS312033EC	MBB & MIB	800A (LS 100%)	(3) 3/0 - 400
NGH312033EC MBB & MIB 800A (LS 100%) (3) 3/0 - 400 NGS312033EC UIB 1200A (LS 100%) (4) 4/0 - 500 NGS312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGS312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500			0514 0 400) 44 0	NGH312033EC	U I B	1000A (LS 100%)	(3) 3/0 - 400
750 SOK @ 480VAC NGS312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500			65K @ 480VAC	NGH312033EC	MBB & MIB	800A (LS 100%)	(3) 3/0 - 400
750 SOK @ 480VAC NGS312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400 NGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500				NGS312033EC	U I B	1200A (LS 100%)	(4) 4/0 - 500
65K @ 480VAC NGH312033EC UIB 1200A (LS 100%) (4) 4/0 - 500			50K @ 480VAC	NGS312033EC	MBB & MIB	1000A (LS 100%)	(3) 3/0 - 400
NGH312033EC MBB & MIB 1000A (LS 100%) (3) 3/0 - 400		750	0514 0 100111	NGH312033EC	U I B	1200A (LS 100%)	(4) 4/0 - 500
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			65K @ 480VAC	NGH312033EC	MBB & MIB	1000A (LS 100%)	(3) 3/0 - 400

CIRCUIT BREAKER SUMMARY

WALL MOUNT MAINTENANCE BYPASS BREAKER PANEL

225-750KVA, 277V/480V, 3Ø/4W/G, 3 BREAKER

INTERLOCK CONFIGURATION 2

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DIMEN	DIMENSIONS ARE IN INCHES			INITIALS		DATE	
	CIMALS		ES:	DRAWN	СН	10/24/2019	
	(X ± 13 (X ± 062	±1°		CHECKE	СН	10/24/2019	
SCALE: NTS	SIZE: A	REV: 3		SHEET 2 OF 2			

