



November, 1983
Supersedes Dimension Sheet 29-170,
pages 1-28 dated September, 1979
Mailed to: E, D, C/1915/DS

Automatic, Basic and Manual Construction

Transfer Switches

Index

Type Construction	Switch Amperes	No. of Poles	Page No.	Outline Dwg.
Automatic Transfer Switches				
Contactor Type Switch, Electrically Held				
Up to 240 Volts Ac	30-100	2,3	2	KA10704
Above 240 Volts Ac	30-100	2,3	2	KA10705
Breaker Type Switch, Mechanically Held, Solid State Logic				
Front Connected	100	2,3,4	5	1258C43
Front Connected	225-400	2,3	6	2606D04
Front Connected	600-1000	2,3	6	2606D06
Rear Terminal Connection	1200-2000	2,3	7	2606D07
Rear Bus Connection	1200-2000	2,3	8	2606D08
Front Connection	1200-2000 ^①	2,3	9	2606D46
Front Connected	225-400	4	10	2608D42
Front Connected	600-1000	4	10	2608D49
Rear Bus Connection	1200-2000	4	11	2608D55
Rear Terminal Connection	1200-2000	4	11	2608D56
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	225-400 ^①	3	13	2605D70
	600-1000 ^①	3	14	2605D79
Breaker Type Switch, Mechanically Held, Relay Logic				
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Front Connected	150-400	2,3	4	1227C08
Systems Pow-R Breaker Type Switches				
Rear Bus Connected	1200-2000	3	27,28	1375D52
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Basic Transfer Switches				
Contactor Type Switch, Electrically Held				
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	70-100 ^①	3	3	2607D41
Breaker Type Switch, Mechanically Held				
Front Connected	100	2,3,4	5	1258C43
Front Connected	225-400	2,3	6	2606D04
Front Connected	600-1000	2,3	6	2606D06
Rear Terminal Connection	1200-2000	2,3	7	2606D07
Rear Bus Connection	1200-2000	2,3	8	2606D08
Front Connection	1200-2000 ^①	2,3	9	2606D46
Front Connected	225-400	4	10	2608D42
Front Connected	600-1000	4	10	2608D49
Rear Bus Connection	1200-2000	4	11	2608D55
Rear Terminal Connection	1200-2000	4	11	2608D56

^① Supplied as Open Switch Only.

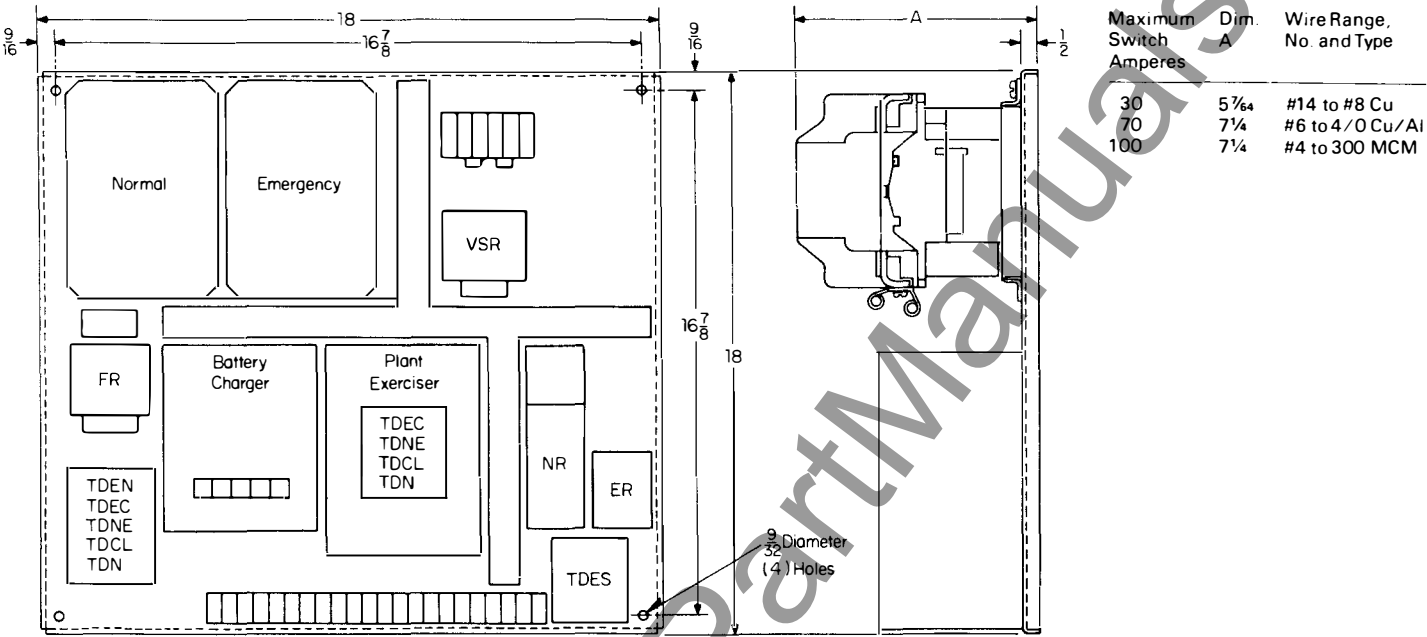
^② Supplied as Automatic Transfer Switch Only.

Type Construction	Switch Amperes	No. of Poles	Page No.	Outline Dwg.
Manual Transfer Switches				
Type MTSD, Dual Operating Handles				
Front Connected	100	2,3,4	16	1260C79
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Front Connected	600-1000	2,3	17	2607D38
Rear Bus Connection	1200-2000	2,3	18	2607D40
Rear Terminal Connection	1200-2000	2,3	19	2612D81
Front Connected	225	4	20	2613D95
Front Connected	400	4	20	2613D96
Front Connected	600-1000	4	21	2613D97
Rear Bus Connection	1200-2000	4	21	2613D98
Rear Terminal Connection	1200-2000	4	22	2613D99
Type MTSS, Single Operating Handle				
Front Connected	100	2,3,4	5	1262C01
Front Connected	225-400	2,3	6	2606D04
Front Connected	600-1000	2,3	6	2606D06
Rear Terminal Connection	1200-2000	2,3	7	2606D07
Rear Bus Connection	1200-2000	2,3	8	2606D08
Front Connection	1200-2000 ^①	2,3	9	2606D46
Front Connected	225-400	4	10	2608D42
Front Connected	600-1000	4	10	2608D49
Rear Bus Connection	1200-2000	4	11	2608D55
Rear Terminal Connection	1200-2000	4	11	2608D56
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Systems Pow-R Breaker	2500-4000	3	30	1368D62
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Option 19B	225	..	26	2611D36
Option 19C-19G	400-1200	..	26	2611D36
Option 19H	1600-2000	..	26	2609D72
Drilling Plans for Indicating Lights, etc.				
Drilling Plans for Indicating Lights, Selector Switches and Meters	..	..	23	1370D19 751B655



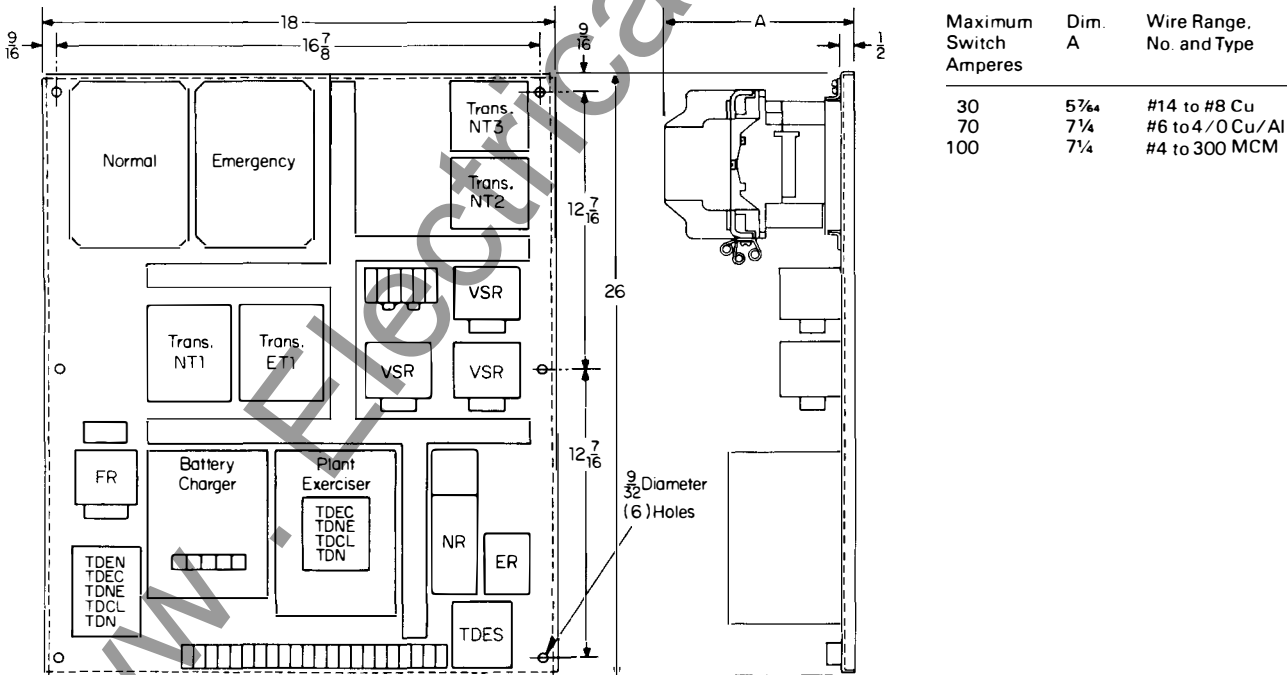
Contactor Switch Electrically Held, 30-100 Amps, 2 and 3 Poles
Automatic Switch Only

Up Thru 240 Volts Ac



Reproduced From Drawing KA10704

Above 240 Volts Ac



Reproduced From Drawing KA10705



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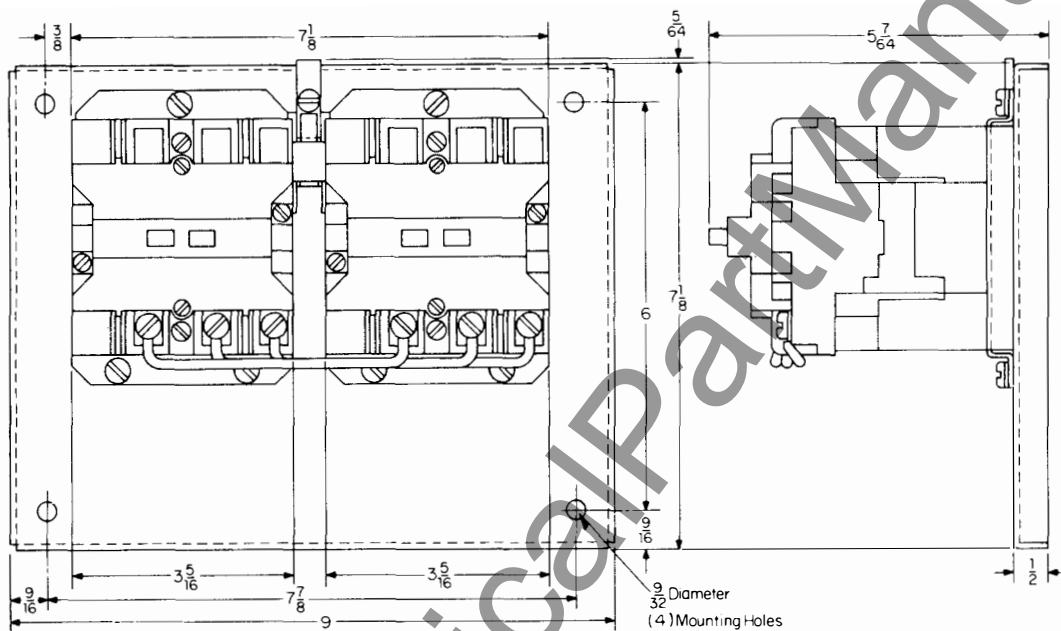
Automatic, Basic and Manual Construction

Transfer Switches

Contactor Switch Electrically Held, 3 Poles

Basic Switch Only

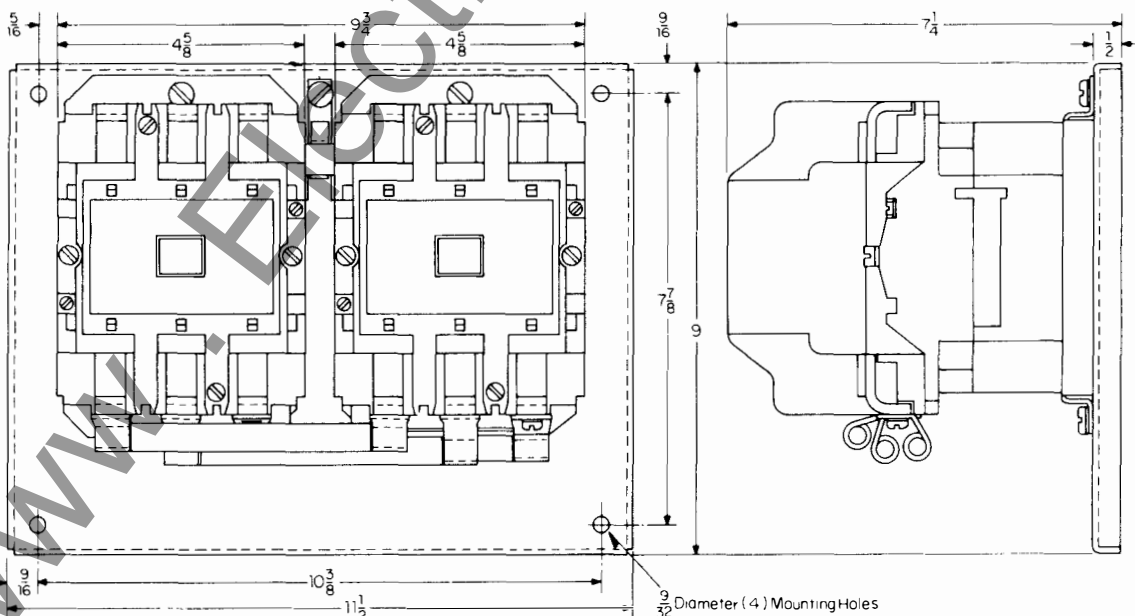
30 Amperes



Maximum Switch Amps	Terminal Wire Range, No. and Type
30	#14 to #8 Cu
70	#6 to 4/0 Cu/Al
100	#4 to 300 MCM

Reproduced From Drawing 1260C76

70-100 Amperes



Reproduced From Drawing 2607D41

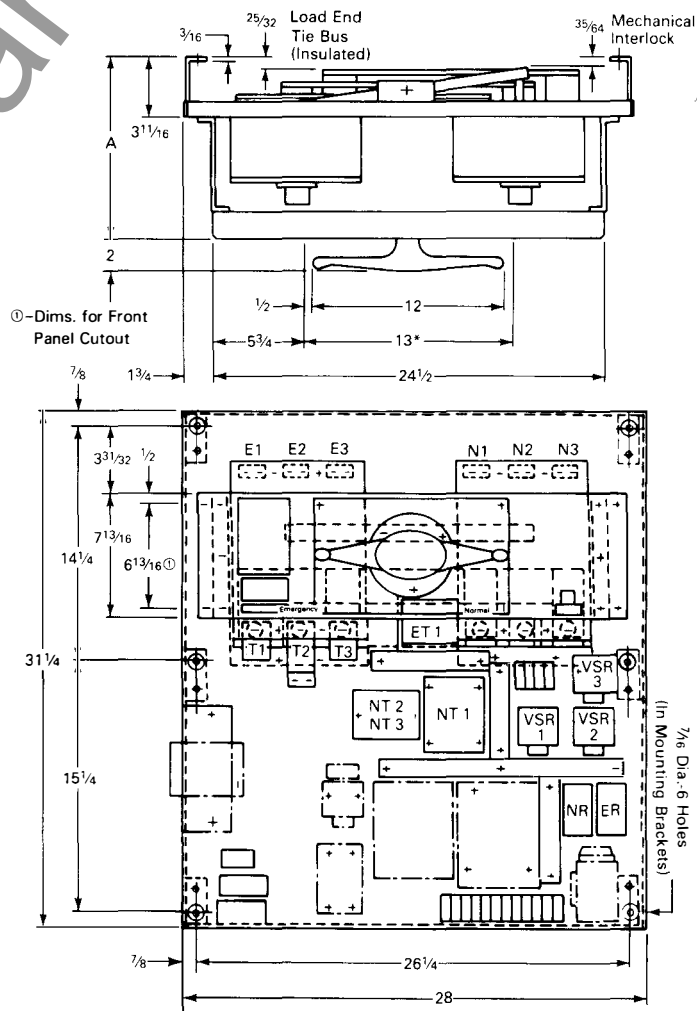


30-104 Amperes



Reproduced From Drawing 1227C07

Max. Switch Amps.	Switch Catalog Numbers		
	Automatic Switches		
	2 Poles	3 Poles	
225	ATSBP20225-K	ATSBP30225-K	
400	ATSBP20400-K	ATSBP30400-K	
	Wire Range, No. and Type		
	Front Connected (Al/Cu)		Dim. A
225	(1) #6 to 350 MCM		10.594
400	(2) 250 MCM to 500 MCM		11.312



Printed in USA

Reproduced From Drawing 1227C08



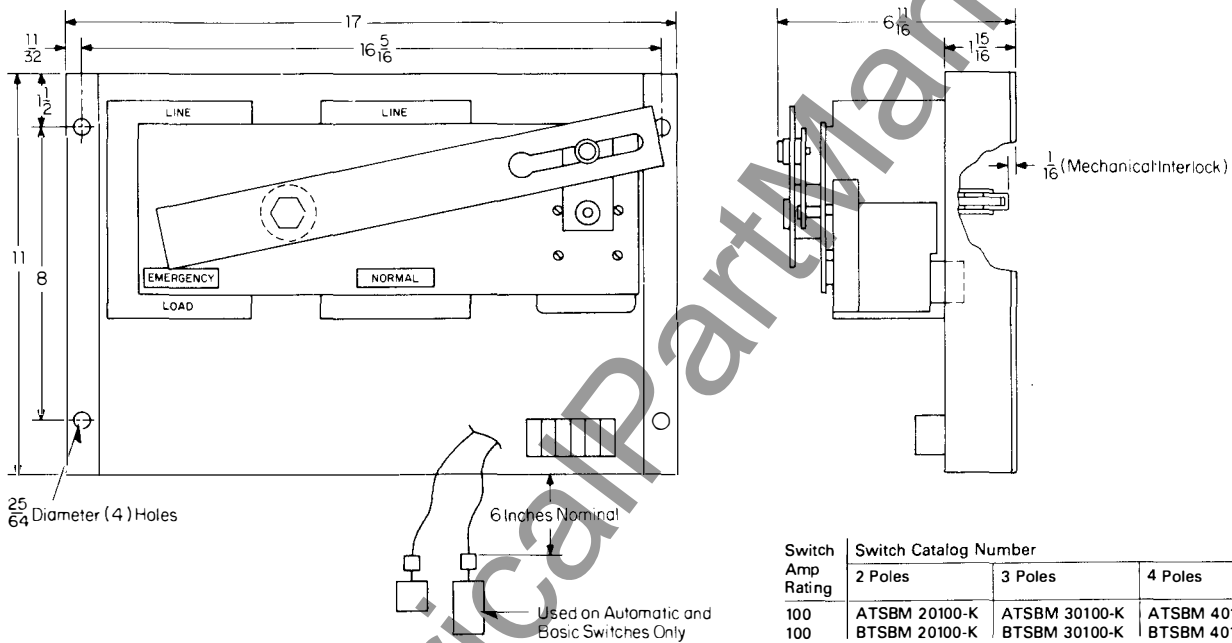
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Automatic, Basic and Manual Construction

Transfer Switches

Breaker Switch Mechanically Held, 2, 3 and 4 Poles Automatic and Basic Switches

100 Amperes

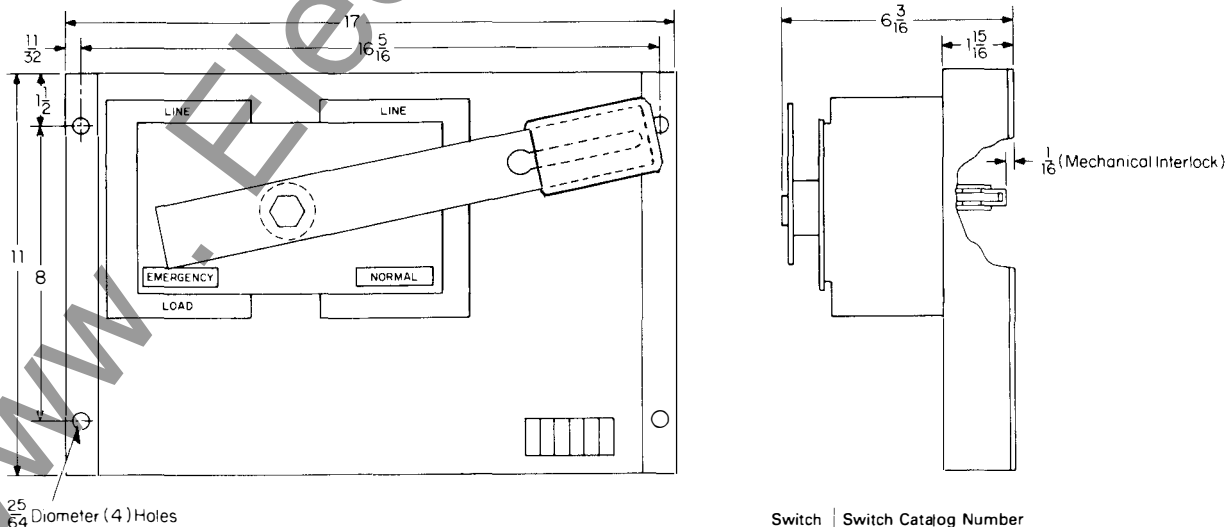


Reproduced From Drawing 1258C43

Switch Amp Rating	Switch Catalog Number			Wire Range
	2 Poles	3 Poles	4 Poles	
100	ATSBM 20100-K	ATSBM 30100-K	ATSBM 40100-K	# 12 to 1/0 Al/Cu
100	BTSBM 20100-K	BTSBM 30100-K	BTSBM 40100-K	# 12 to 1/0 Al/Cu

Type MTSS Manual Single Handle Switches

100 Amperes



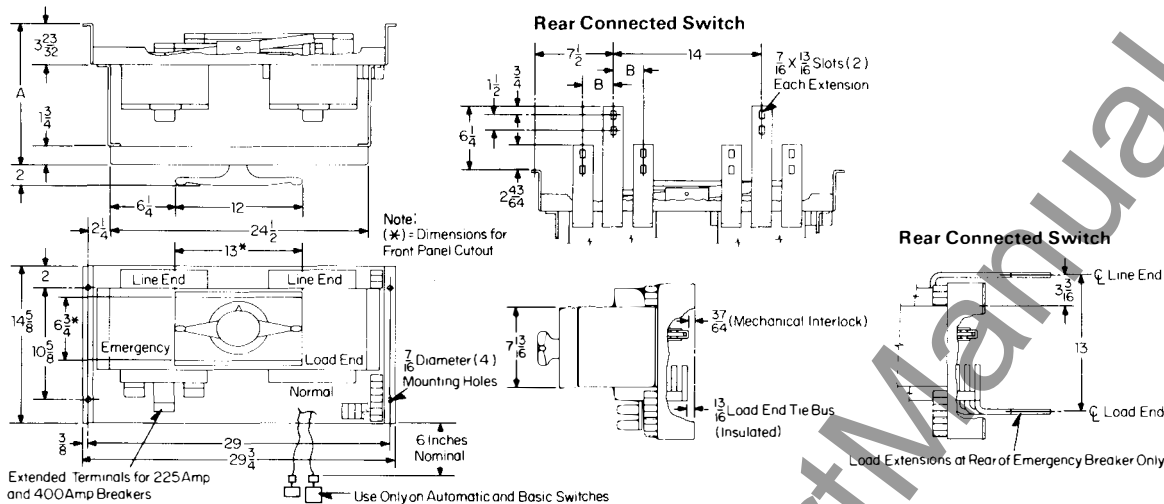
Reproduced From Drawing 1262C01

Switch Amp Rating	Switch Catalog Number			Wire Range
	2 Poles	3 Poles	4 Poles	
100	MTSSM 20100-K	MTSSM 30100-K	MTSSM 40100-K	# 12 to 1/0 Al/Cu



Breaker Switch Mechanically Held, 2 and 3 Poles
Automatic, Basic, Manual Type MTSS Single Handle Switches

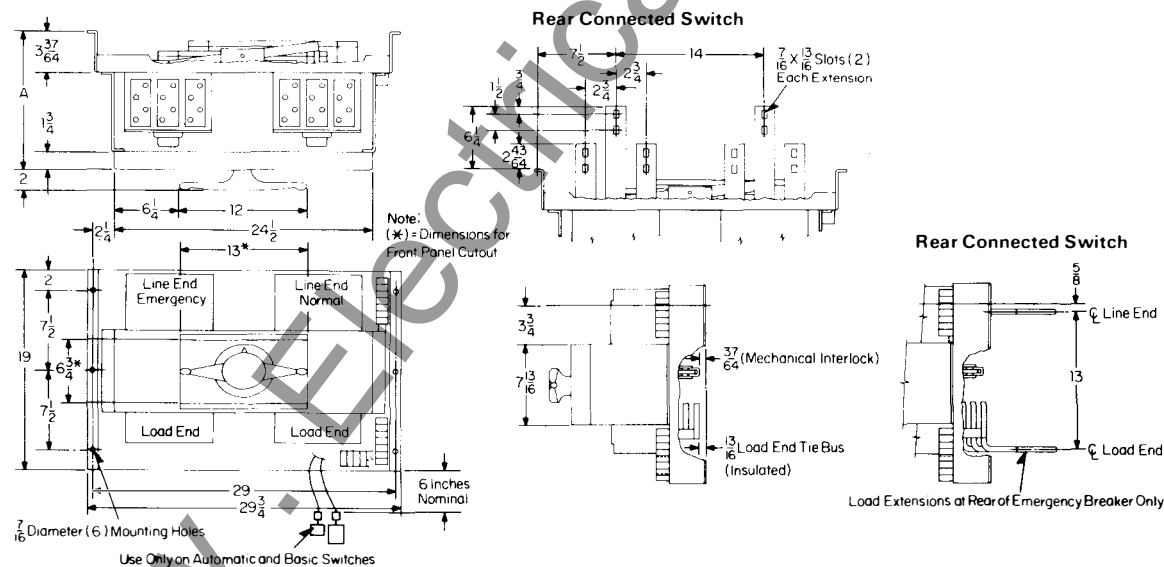
225-400 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Max. Switch Amps.	Switch Catalog Numbers						Wire Range, No. and Type		Dim A	Dim B
	Automatic Switches		Basic Switches		Manual Switches		Front Connected (Al/Cu)	Rear Conn. Bus (Cu Only)		
	2 Poles	3 Poles	2 Poles	3 Poles	2 Poles	3 Poles				
225	ATSBM20225-K	ATSBM30225-K	BTSBM20225-K	BTSBM30225-K	MTSSM20225-K	MTSSM30225-K	(1) # 6 to 350 MCM	.250 x 1 In.	10 ³ / ₁₆	1 ³ / ₂
400	ATSBM20400-K	ATSBM30400-K	BTSBM20400-K	BTSBM30400-K	MTSSM20400-K	MTSSM30400-K	(2) 250 MCM to 500 MCM	.250 x 2 In.	11 ³ / ₁₆	2 ³ / ₄

Reproduced From Drawing 2606D04

600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Max. Switch Amps	Switch Catalog Numbers						Wire Range, No. and Type		Dim A
	Automatic Switches		Basic Switches		Manual Switches		Front Connected (Al/Cu)	Rear Connected Bus (Cu Only)	
	2 Poles	3 Poles	2 Poles	3 Poles	2 Poles	3 Poles			
600	ATSBM20600-K	ATSBM30600-K	BTSBM20600-K	BTSBM30600-K	MTSSM20600-K	MTSSM30600-K	(2) # 1 to 500 MCM	.312 x 2 In.	11 ³ / ₁₆
800	ATSBM20800-K	ATSBM30800-K	BTSBM20800-K	BTSBM30800-K	MTSSM20800-K	MTSSM30800-K	(3) 3/0 to 400 MCM	.500 x 2 In.	13 ³ / ₁₆
1000	ATSBM21000-K	ATSBM31000-K	BTSBM21000-K	BTSBM31000-K	MTSSM21000-K	MTSSM31000-K	(3) 3/0 to 400 MCM	.500 x 2 In.	13 ³ / ₁₆

Reproduced From Drawing 2606D06



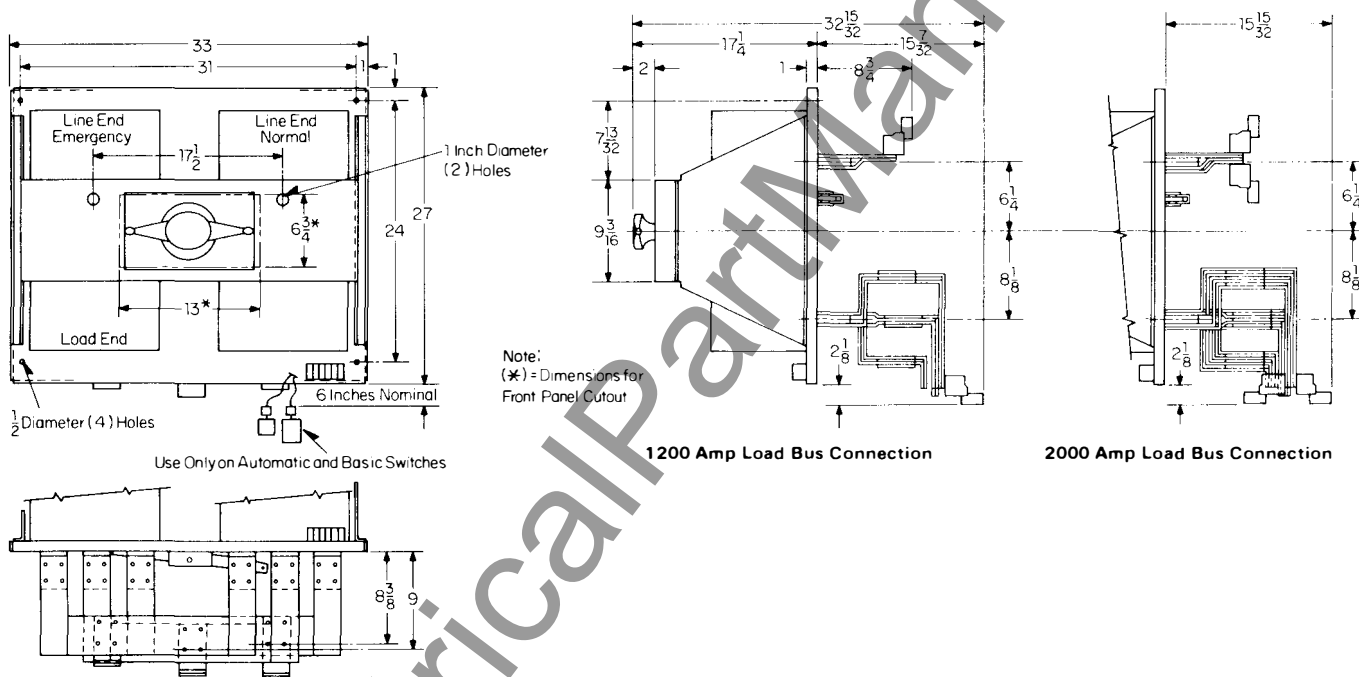
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Automatic, Basic and Manual Construction

Transfer Switches

Breaker Switch Mechanically Held, 2 and 3 Poles, *Continued* Automatic, Basic, Manual Type MTSS Single Handle Switches

1200-2000 Amperes, Rear Terminal Connection (Standard for Enclosed Switch)



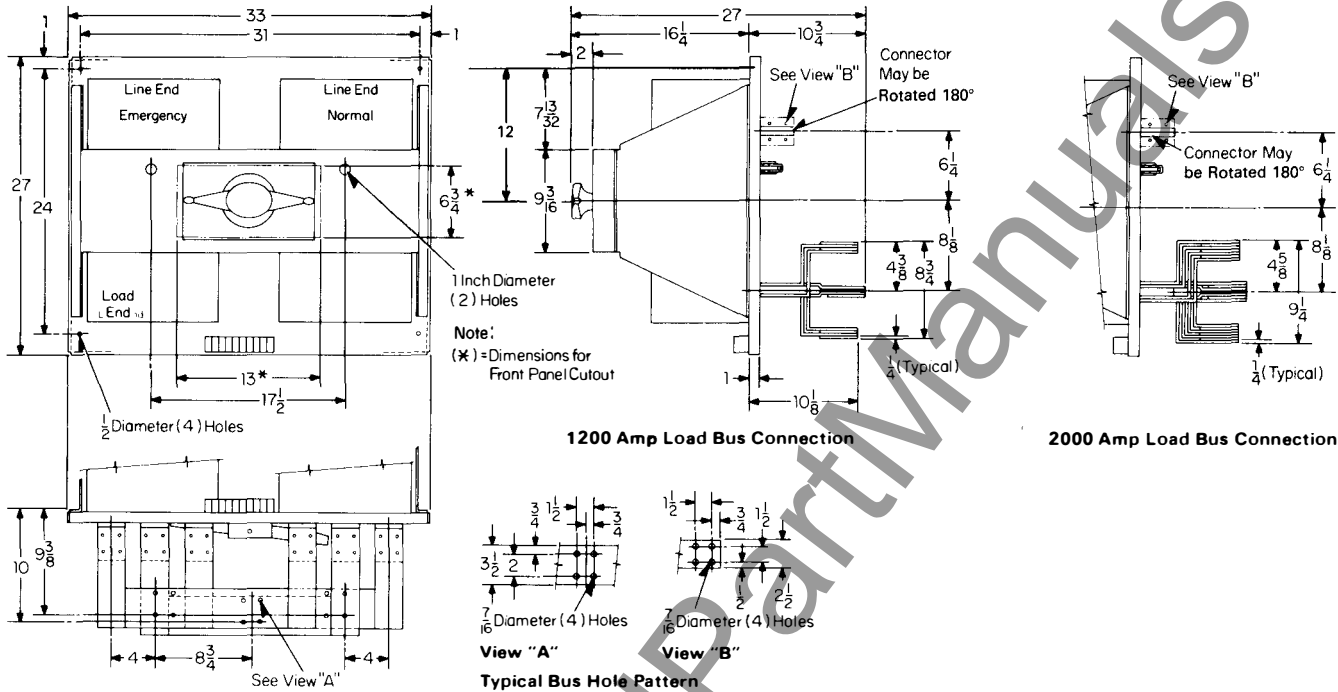
Max. Switch Amps	Switch Catalog Numbers						Wire Range, No. and Type Connectors Per Pole (Cu/Al)
	Automatic Switches		Basic Switches		Manual Switches		
	2 Poles	3 Poles	2 Poles	3 Poles	2 Poles	3 Poles	
1200	ATSBM21200-K	ATSBM31200-K	BTSBM21200-K	BTSBM31200-K	MTSSM21200-K	MTSSM31200-K	(4) 4/0 to 500 MCM
1600	ATSBM21600-K	ATSBM31600-K	BTSBM21600-K	BTSBM31600-K	MTSSM21600-K	MTSSM31600-K	(8) 4/0 to 500 MCM
2000	ATSBM22000-K	ATSBM32000-K	BTSBM22000-K	BTSBM32000-K	MTSSM22000-K	MTSSM32000-K	(8) 4/0 to 500 MCM

Reproduced From Drawing 2606D07



Breaker Switch Mechanically Held, 2 and 3 Poles, Continued
Automatic, Basic, Manual Type MTSS Single Handle Switches

1200-2000 Amperes, Rear Bus Connection (Standard for Open Switch)



Max. Switch Amps	Switch Catalog Numbers					
	Automatic Switches		Basic Switches		Manual Switches (Single Handle)	
	2 Poles	3 Poles	2 Poles	3 Poles	2 Poles	3 Poles
1200	ATSBM21200-K	ATSBM31200-K	BTSBM21200-K	BTSBM31200-K	MTSSM21200-K	MTSSM31200-K
1600	ATSBM21600-K	ATSBM31600-K	BTSBM21600-K	BTSBM31600-K	MTSSM21600-K	MTSSM31600-K
2000	ATSBM22000-K	ATSBM32000-K	BTSBM22000-K	BTSBM32000-K	MTSSM22000-K	MTSSM32000-K

Reproduced From Drawing 2606D08



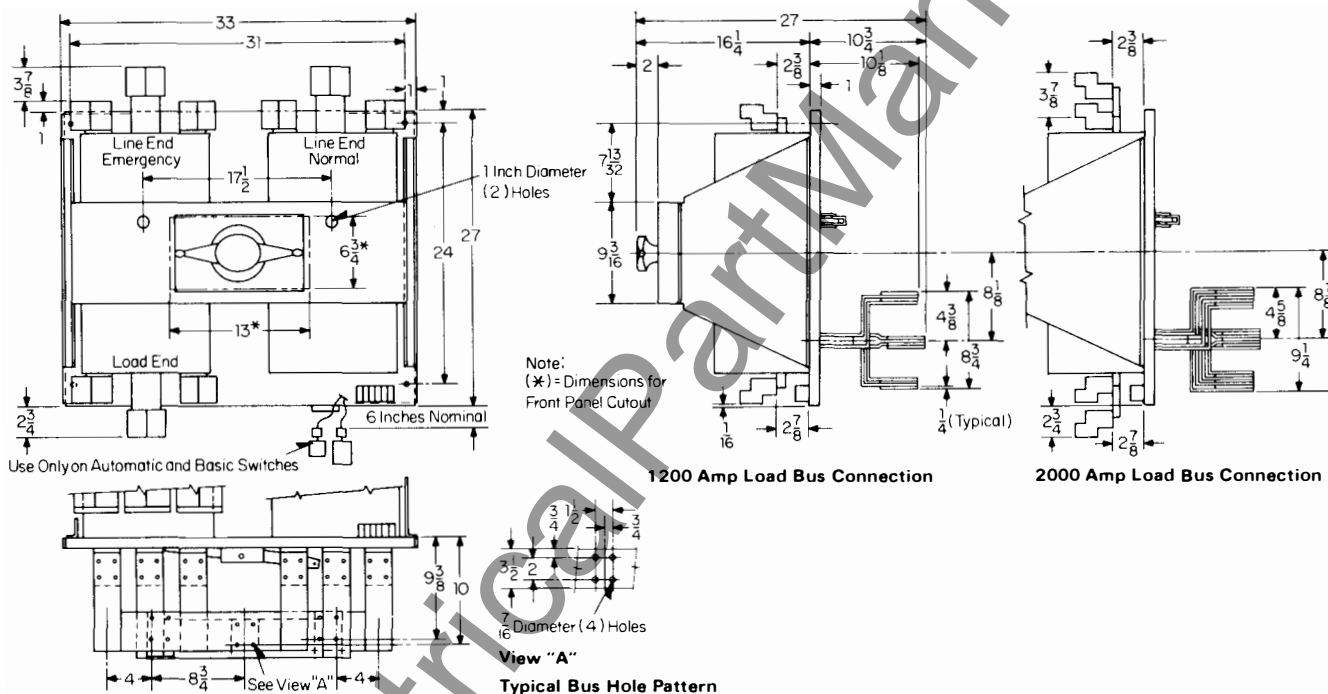
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Transfer Switches

Breaker Switch Mechanically Held, 2 and 3 Poles, *Continued* Automatic, Basic, Manual Type MTSS Single Handle Switches

1200-2000 Amperes, Front Connection (Open Unit Only)



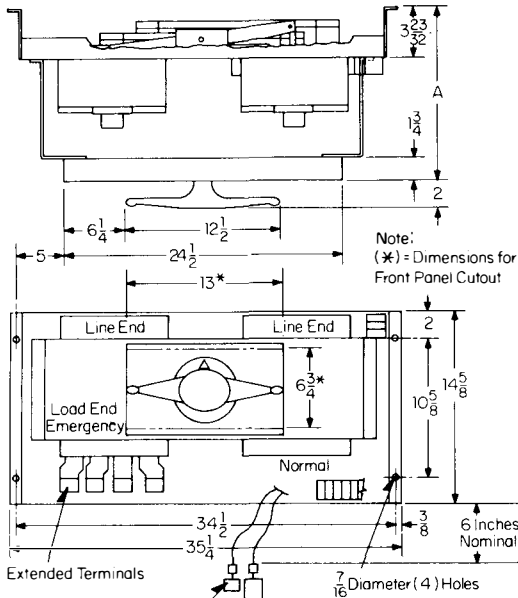
Max. Switch Amps.	Switch Catalog Numbers						Wire Range, No. and Type Connectors Per Pole (Al/Cu)
	Automatic Switches		Basic Switches		Manual Switches Single Handle		
	2 Poles	3 Poles	2 Poles	3 Poles	2 Poles	3 Poles	
1200	ATSBM21200-K	ATSBM31200-K	BTSBM21200-K	BTSBM31200-K	MTSSM21200-K	MTSSM31200-K	(4) 4/0 to 500 MCM
1600	ATSBM21600-K	ATSBM31600-K	BTSBM21600-K	BTSBM31600-K	MTSSM21600-K	MTSSM31600-K	(8) 4/0 to 500 MCM
2000	ATSBM22000-K	ATSBM32000-K	BTSBM22000-K	BTSBM32000-K	MTSSM22000-K	MTSSM32000-K	(8) 4/0 to 500 MCM

Reproduced From Drawing 2606D46



Breaker Switch Mechanically Held, 4 Poles
Automatic, Basic, Manual Type MTSS Single Handle Switches

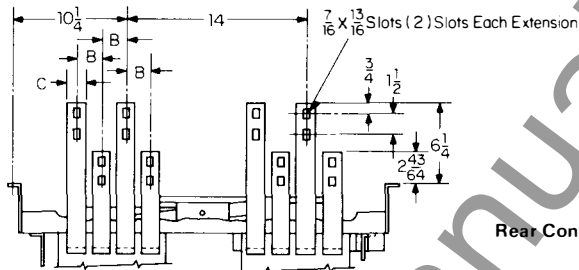
225-400 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



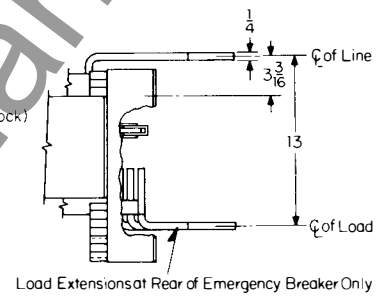
Use Only on Automatic and Basic Switches

Reproduced From Drawing 2608D42

Rear Connected Switch

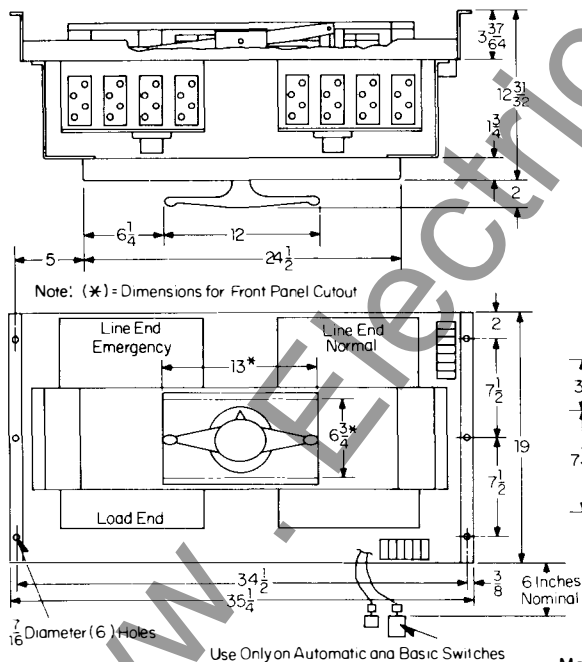


Rear Connected Switch



Switch Amp Rating	Switch Catalog Numbers			Dimensions, Inches		
	Auto	Basic	Manual	A	B	C
225	ATSBM40225-K	BTSBM40225-K	MTSSM40225-K	10 3/4	1 3/4	1
400	ATSBM40400-K	BTSBM40400-K	MTSSM40400-K	11 1/4	2 1/4	2

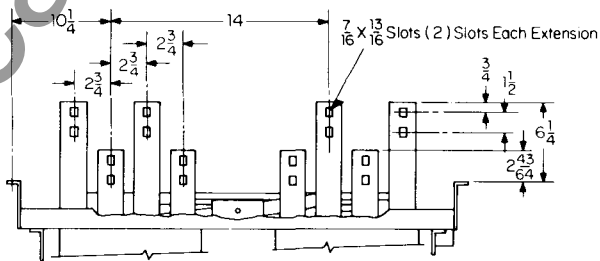
600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



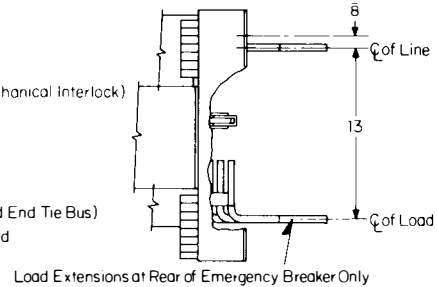
Use Only on Automatic and Basic Switches

Reproduced From Drawing 2608D49

Rear Connected Switch



Rear Connected Switch



Max. Switch Amps	Switch Catalog Numbers			Wire Range, No. and Type	
	Automatic 4 Poles	Basic 4 Poles	Manual 4 Poles	Front Connected (Cu/Al)	Rear Connected Bus (Cu Only)
600	ATSBM40600-K	BTSBM40600-K	MTSSM40600-K	(3) 3/0 to 400 MCM	.500 x 2 In.
800	ATSBM40800-K	BTSBM40800-K	MTSSM40800-K	(3) 3/0 to 400 MCM	.500 x 2 In.
1000	ATSBM41000-K	BTSBM41000-K	MTSSM41000-K	(3) 3/0 to 400 MCM	.500 x 2 In.



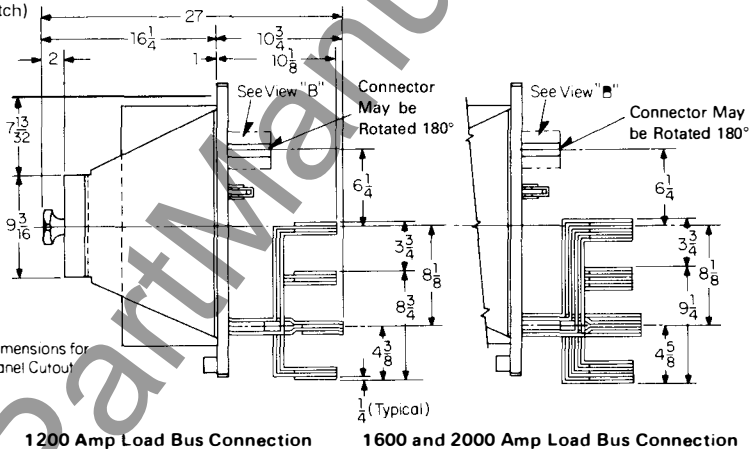
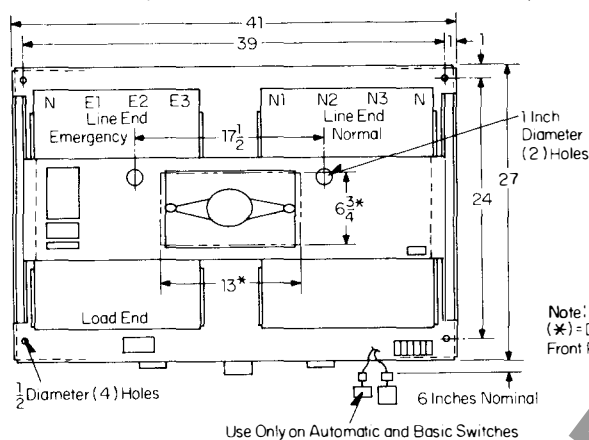
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Automatic, Basic and Manual Construction

Transfer Switches

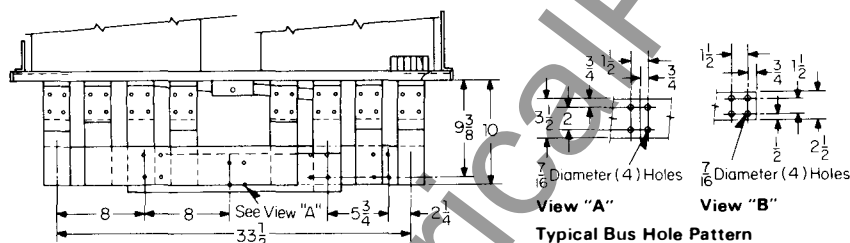
Breaker Switch Mechanically Held, 4 Poles, *Continued* Automatic, Basic, Manual Type MTSS Single Handle Switches

1200-2000 Amperes, Rear Bus Connection (Standard for Open Switch)



1200 Amp Load Bus Connection

1600 and 2000 Amp Load Bus Connection

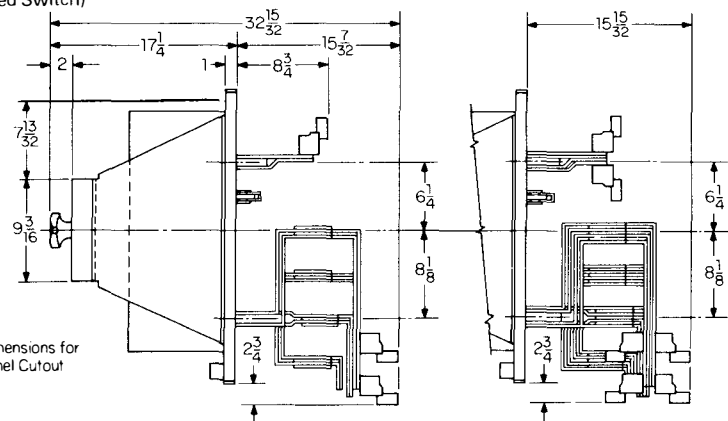
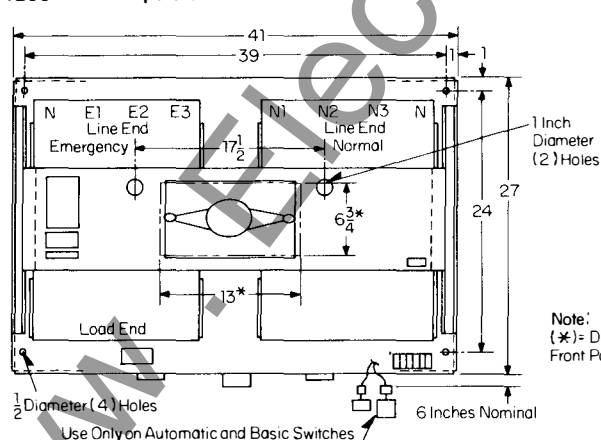


Typical Bus Hole Pattern

Switch Amp. Rating	Switch Catalog Numbers		
	Automatic	Basic	Manual
1200	ATSBM41200-K	BTSBM41200-K	MTSSM41200-K
1600	ATSBM41600-K	BTSBM41600-K	MTSSM41600-K
2000	ATSBM42000-K	BTSBM42000-K	MTSSM42000-K

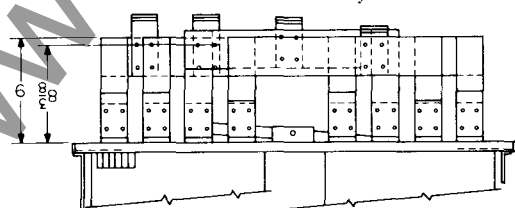
Reproduced From Drawing 2608D55

1200-2000 Amperes, Rear Terminal Connection (Standard for Enclosed Switch)



1200 Amp Load Bus Connection

1600 and 2000 Amp Load Bus Connection

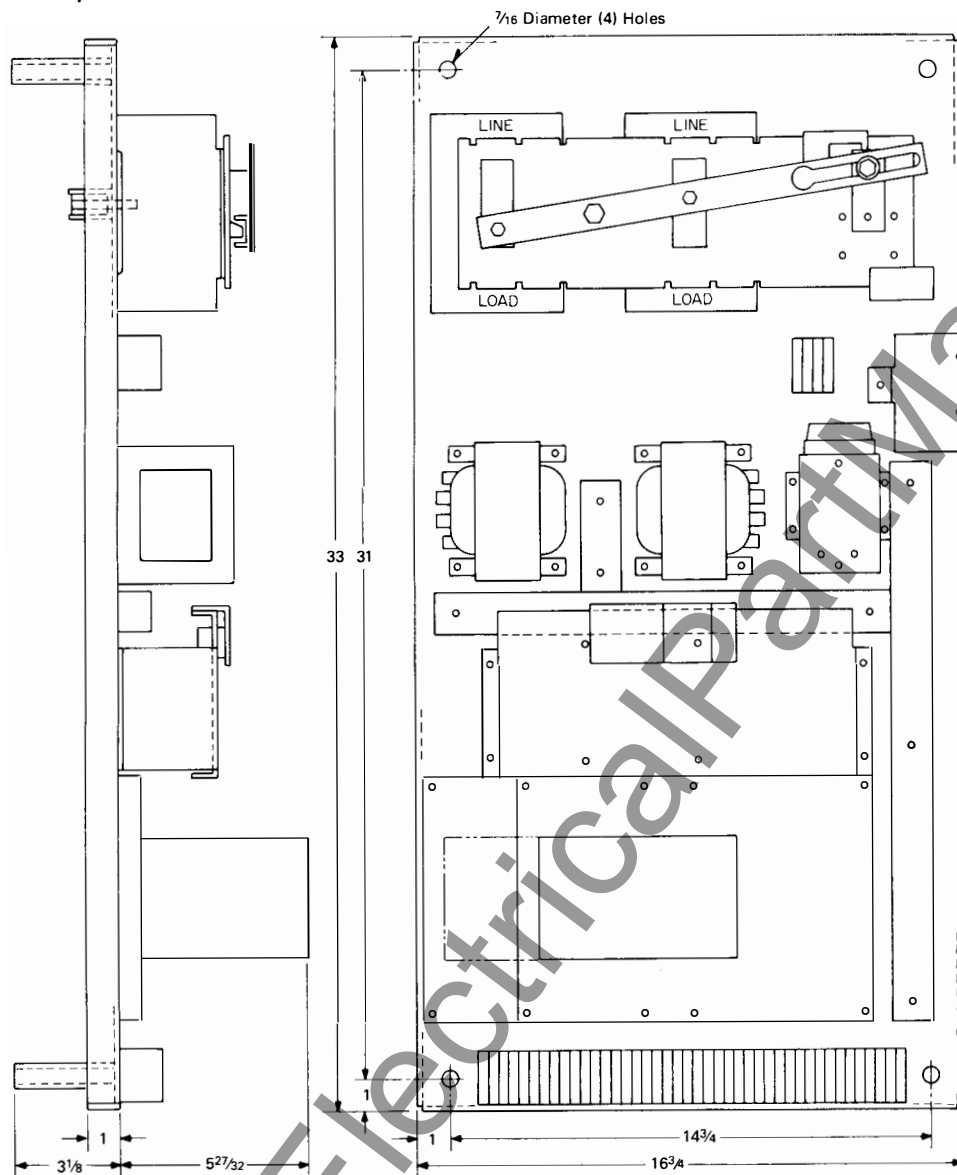


Max. Switch Amps	Switch Catalog Numbers			Wire Range, No. and Type Connectors Per Pole (Al/Cu)
	Automatic Switches 4 Poles	Basic Switches 4 Poles	Manual Switches (Single Handle) 4 Poles	
1200	ATSBM41200-K	BTSBM41200-K	MTSSM41200-K	(4) 4/0 to 500 MCM
1600	ATSBM41600-K	BTSBM41600-K	MTSSM41600-K	(8) 4/0 to 500 MCM
2000	ATSBM42000-K	BTSBM42000-K	MTSSM42000-K	(8) 4/0 to 500 MCM

Reproduced From Drawing 2608D56

Breaker Switch Mechanically Held, 3 Poles
Automatic Switch Only, Narrow Design

100 Amperes



Reproduced From Drawing 1368D78



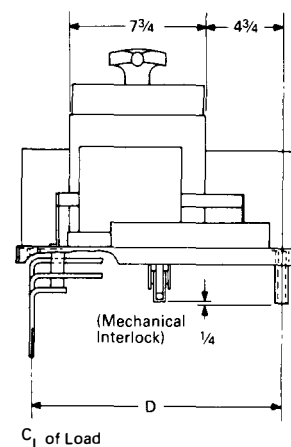
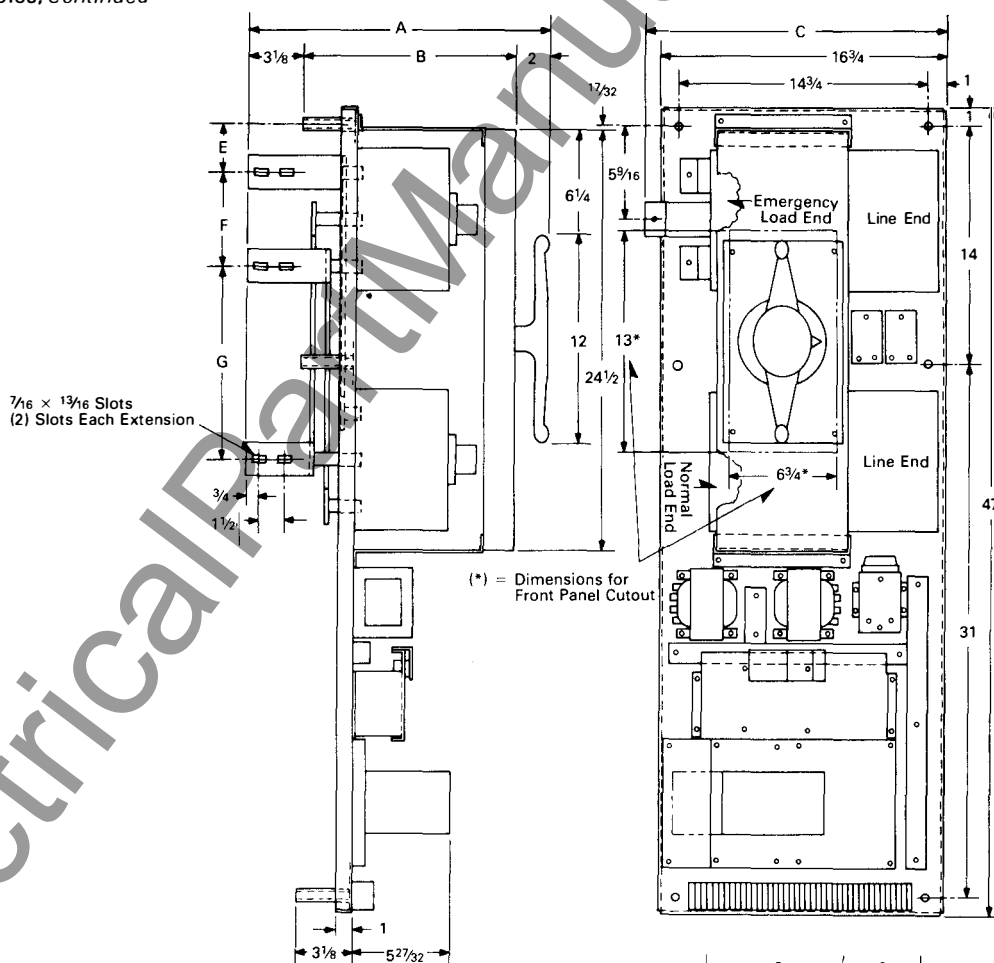
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Breaker Switch Mechanically Held, 3 Poles, *Continued*
Automatic Switch Only, Narrow Design

225-400 Amperes



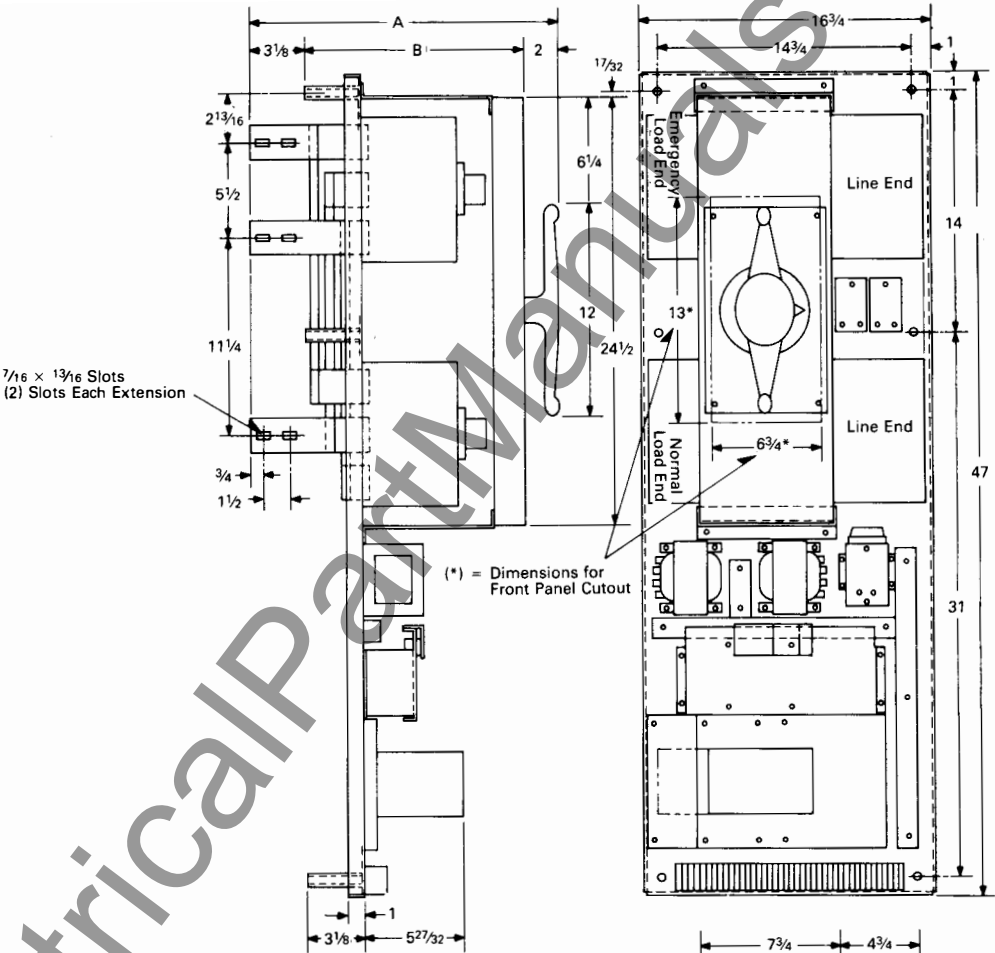
Switch Amps.	Bkr	Dimensions in Inches							Front Conn. (Line & Load) Connector Range CU/AL	Rear Conn. (Load)
		A	B	C	D	E	F	G		
225	KA	15 1/4	10 1/8	16 27/32	14 13/16	3 27/32	3 1/16	12 9/32	1-6 to 350 MCM	1/4 x 1"
400	LA	15 5/8	10 3/4	17 1/2	14 5/8	2 13/16	5 1/2	11 1/4	2-250 to 500 MCM	1/4 x 2"

Reproduced From Drawing 2605D70



Breaker Switch Mechanically Held, 3 Poles, *Continued*
Automatic Switch Only, Narrow Design

600-1000 Amperes



Amperes Maximum	Bkr.	Dimensions in Inches			Front Conn. (Line & Load) Connector Range CU/AL	Rear Conn. (Load)
		A	B	C		
600	MA	16 1/2	11 3/8	14 19/32	2- #1 to 300 MCM	5/16 x 2"
800 & 1000	NB	17 5/8	12 1/2	14 5/8	3- 3/0 to 400 MCM	1/2 x 2"

Reproduced From Drawing 2605D79



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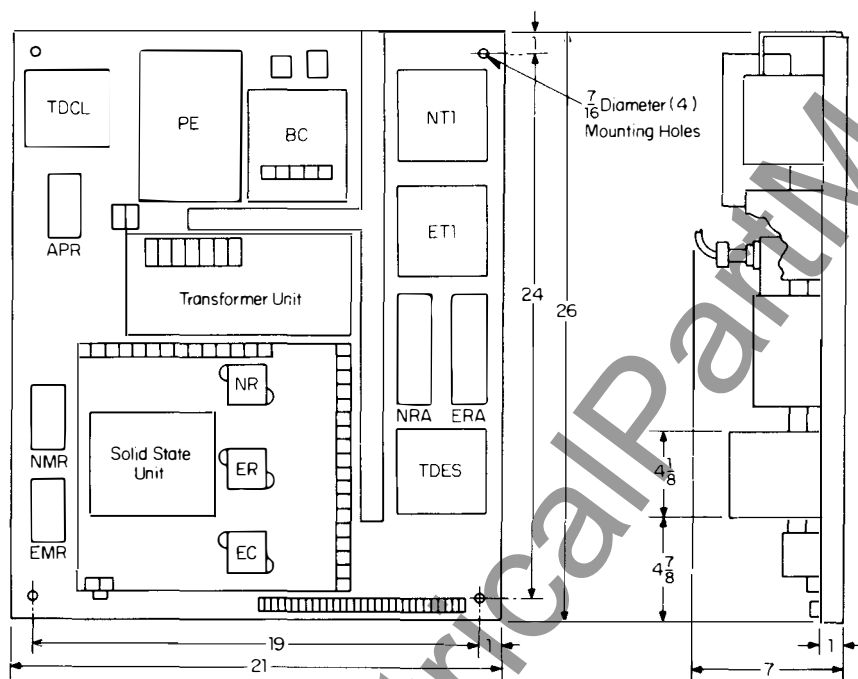
Automatic, Basic and Manual Construction

Transfer Switches

Breaker Switch Mechanically Held, 2, 3 and 4 Poles

Automatic Switch Only – Solid State Logic

Solid State Logic Intelligence Panel For Use With Automatic Switches Only

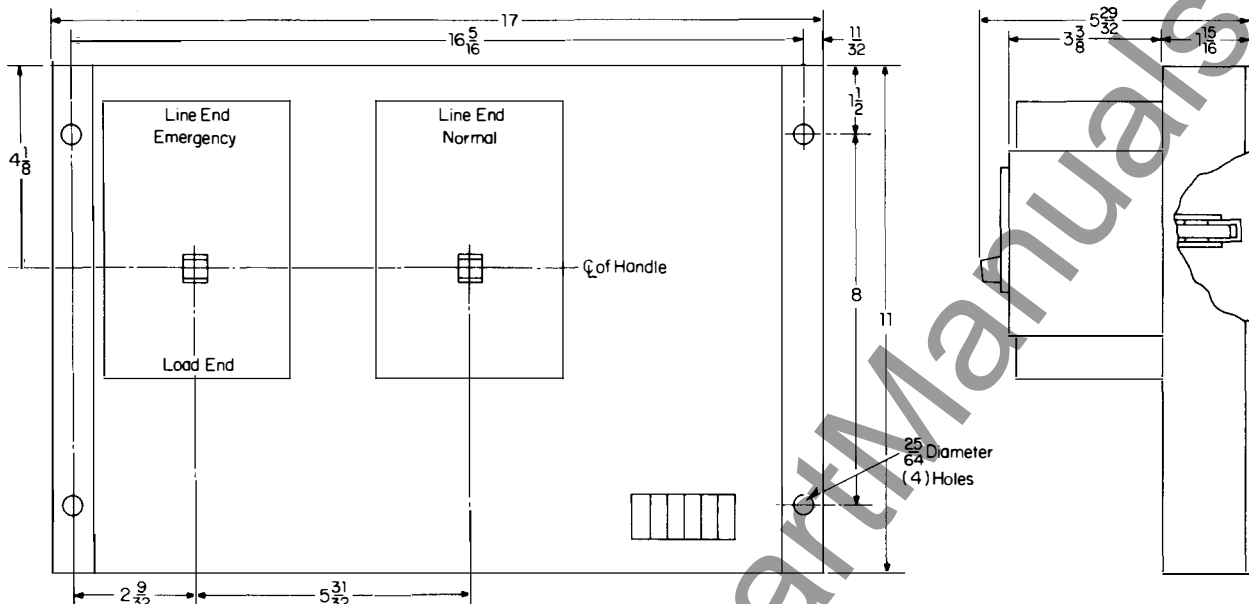


Reproduced From Drawing 2613D35



Type MTSD Dual Handle Switch, 2, 3 and 4 Poles
Manual Switch Only

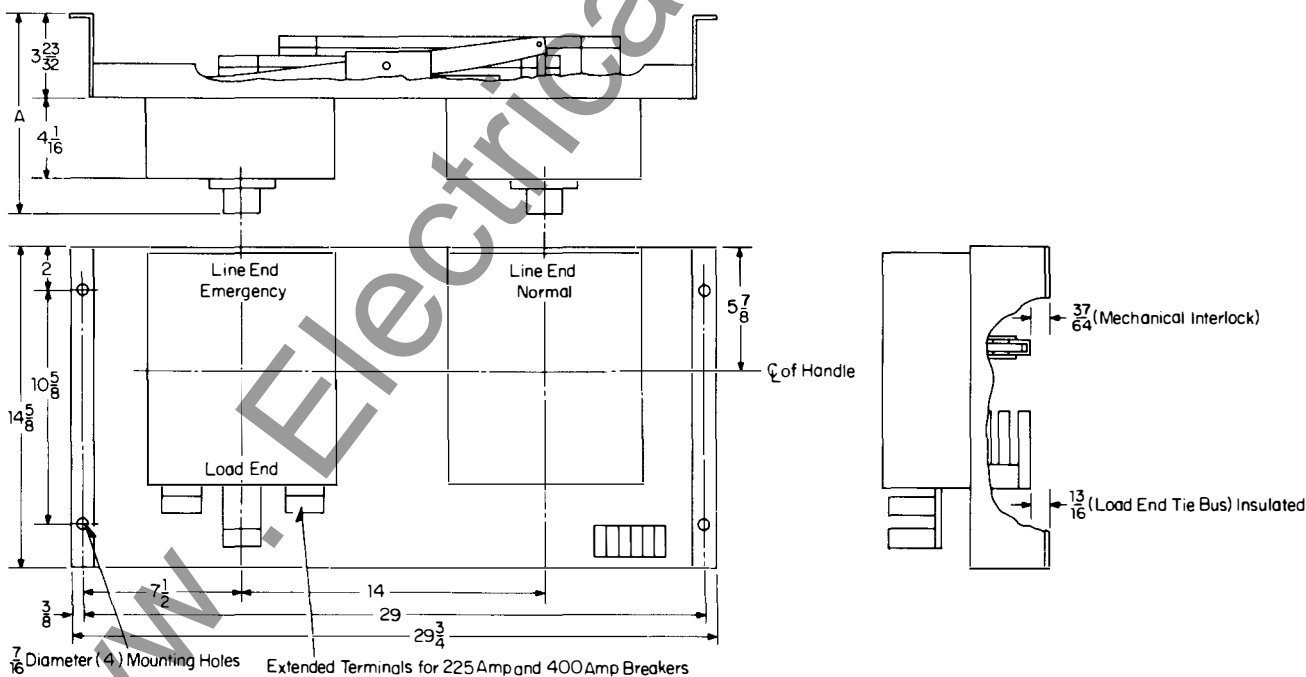
100 Amperes, 2, 3, and 4 Poles



Reproduced From Drawing 1260C79

Switch Amp Rating	Switch Catalog Numbers		Wire Range Al/Cu
	2 Poles	3 Poles	
100	MTSDM20100-K	MTSDM30100-K	#12 to 1/0

225-400 Amperes, 2 and 3 Poles, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Reproduced From Drawing 2607D36

Switch Amp Rating	Switch Catalog Numbers		Wire Range, No., Type	Dim. A
	2 Poles	3 Poles	Front Connected	
225	MTSDM20225-K	MTSDM30225-K	(1) #6 to 350 MCM Al/Cu	8 1/2
400	MTSDM20400-K	MTSDM30400-K	(2) 250 MCM to 500 MCM Al/Cu	9 3/4



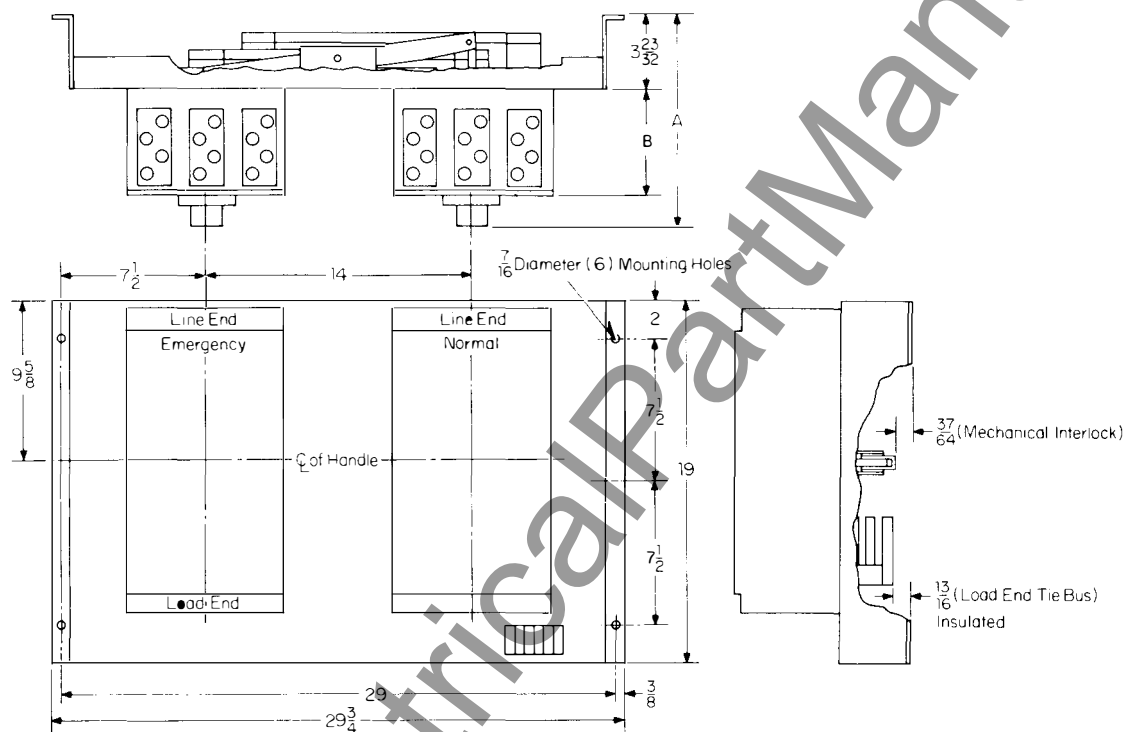
November, 1983
Supersedes Dimension Sheet 29-970,
pages 1-28 dated September, 1979
Mailed to: E, D, C/1915/DS

Automatic, Basic and Manual Construction

Transfer Switches

Type MTSD Dual Handle Switch, 2 and 3 Poles Manual Switch Only

600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



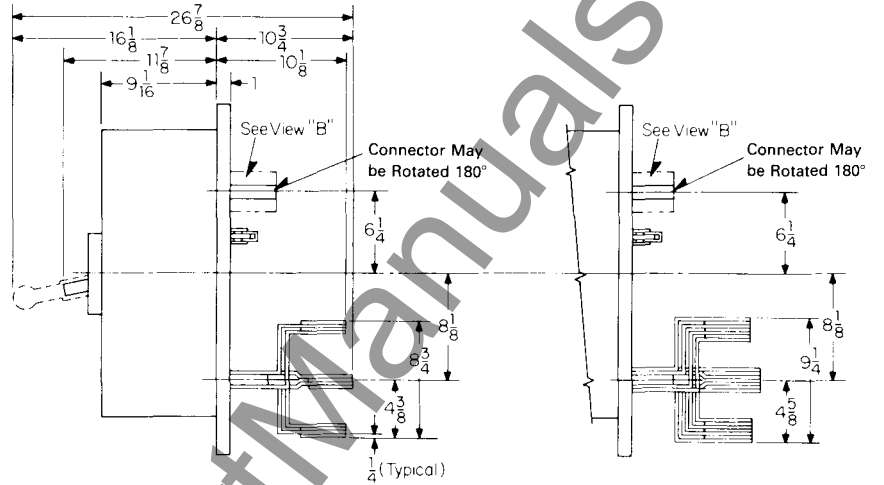
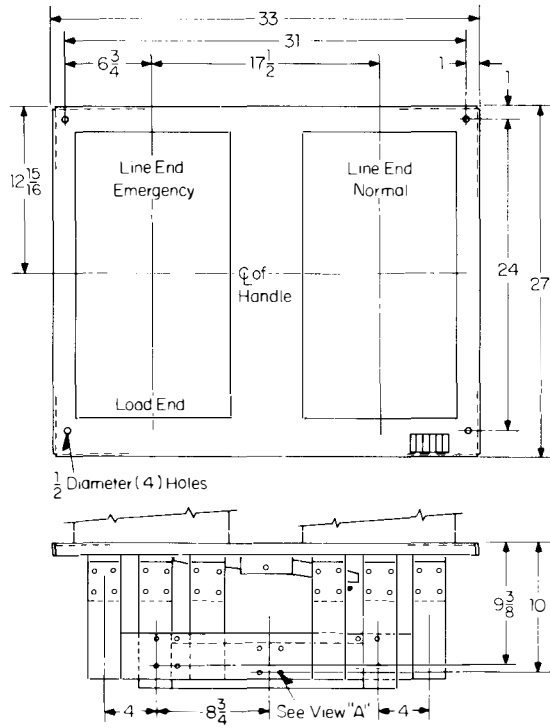
Switch Amp Rating	Switch Catalog Number		Wire Range, No., Type Front Connected	Dim. A	Dim. B
	2 Pole	3 Pole			
600	MTSDM20600-K	MTSDM30600-K	(2) #1 to 500 MCM Al/Cu	9 25/32	4 1/16
800	MTSDM20800-K	MTSDM30800-K	(3) 3/0 to 400 MCM Al/Cu	10 29/32	5 1/2
1000	MTSDM21000-K	MTSDM31000-K	(3) 3/0 to 400 MCM Al/Cu	10 29/32	5 1/2

Reproduced From Drawing 2607D38



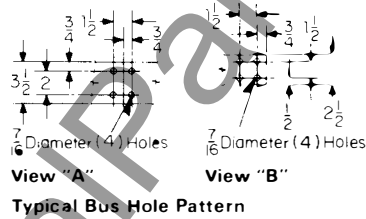
Type MTSD Dual Handle Switch, 2 and 3 Poles, Continued
Manual Switch Only

1200-2000 Amperes, Rear Bus Connection



1200 Amp Load Bus Connection

1600 and 2000 Amp Load Bus Connection



Reproduced From Drawing 2607D40



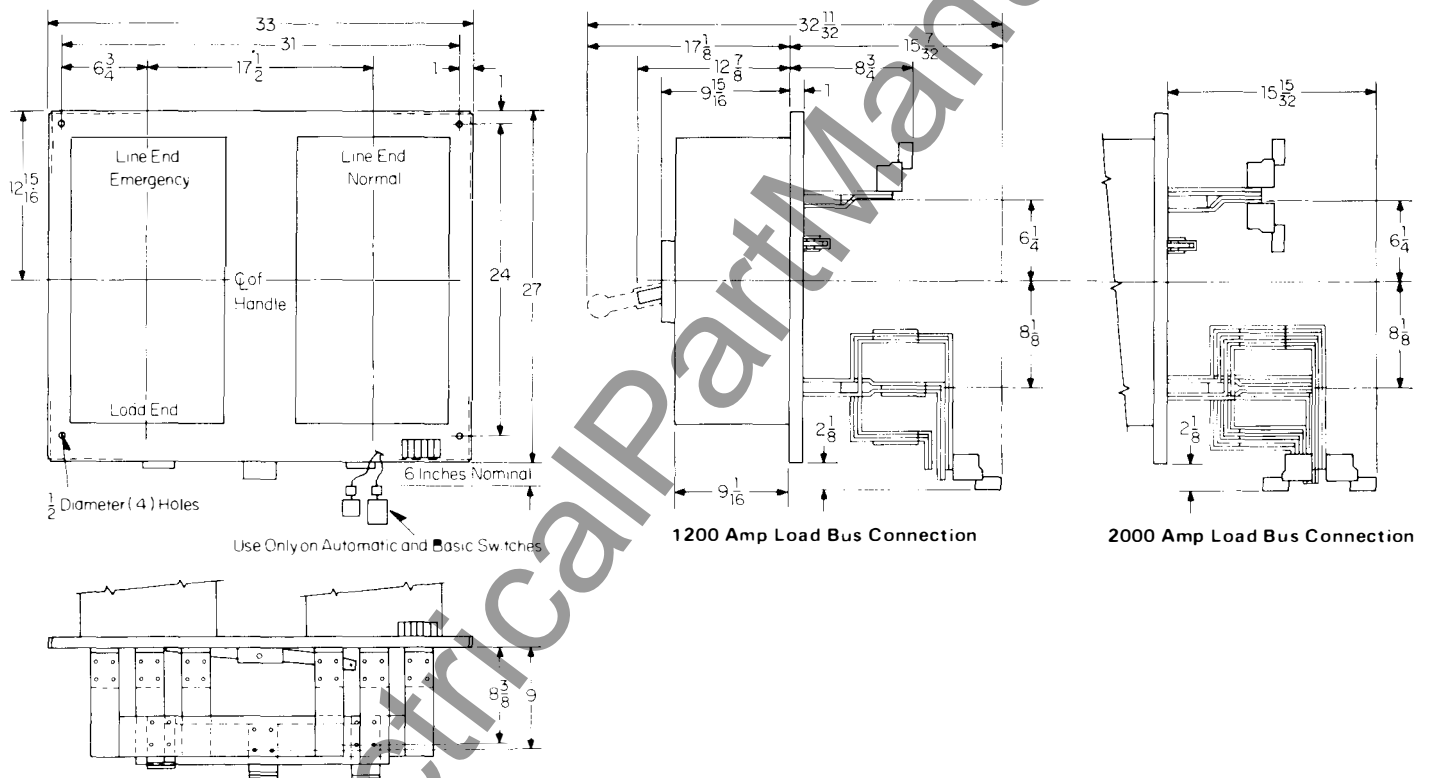
November, 1983
Supersedes Dimension Sheet 29-970,
pages 1-28 dated September, 1979
Mailed to: E, D, C/1915/DS

Automatic, Basic and Manual Construction

Transfer Switches

Type MTSD Dual Handle Switch, 2 and 3 Poles, *Continued* Manual Switch Only

1200-2000 Amperes, Rear Terminal Connection (Standard for Enclosed Switch)

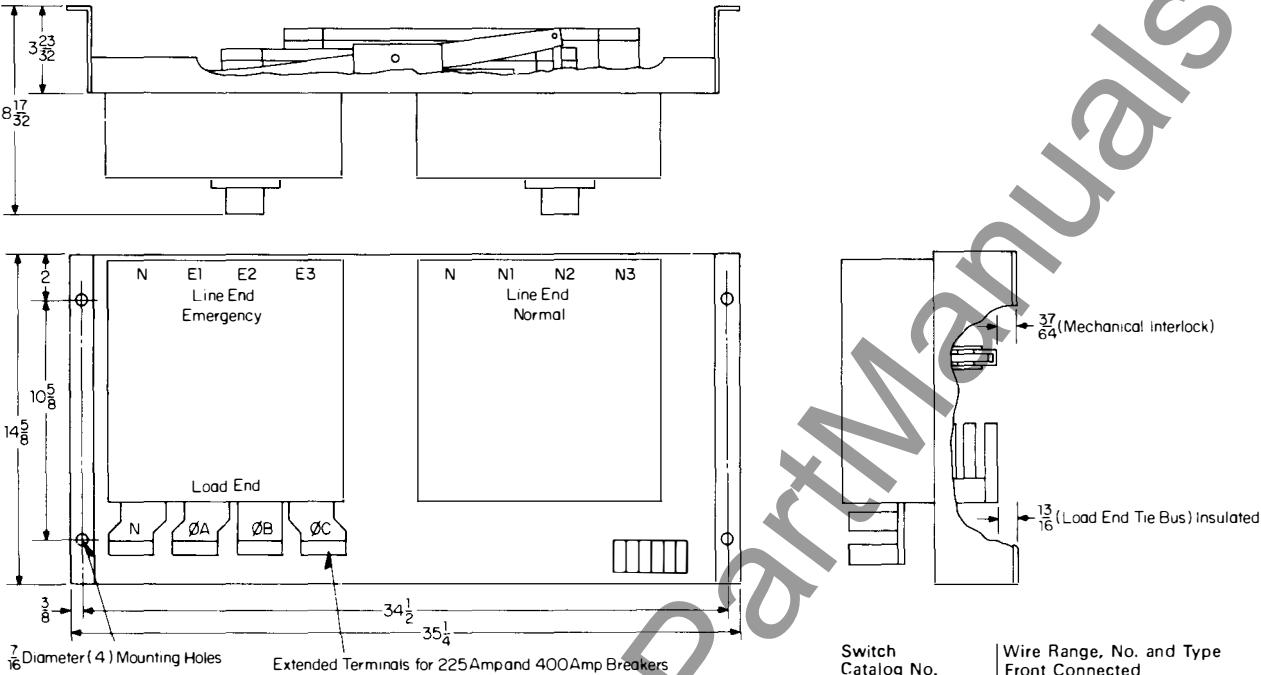


Reproduced From Drawing 2612D81



Type MTSD Dual Handle Switch, 4 Poles
Manual Switch Only

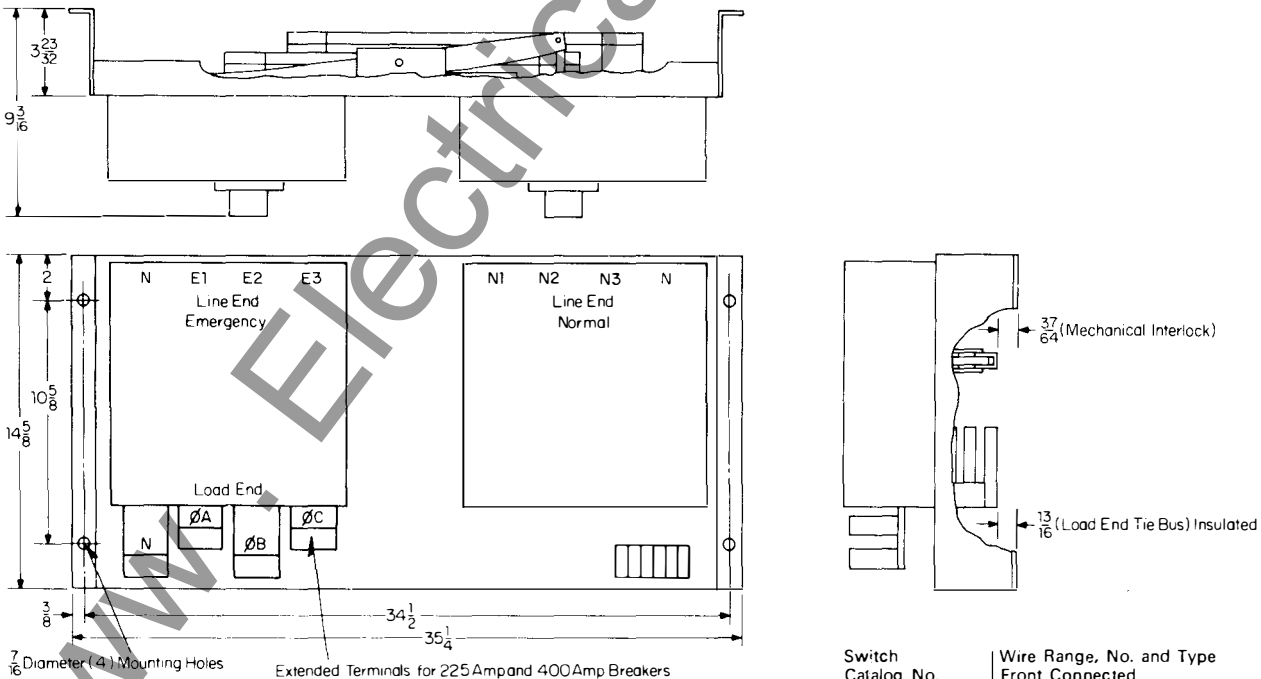
225 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Reproduced From Drawing 2613D95

Switch Catalog No.	Wire Range, No. and Type Front Connected
MTSDM40225-K	(1) #6 to 350 MCM Al/Cu

400 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



Reproduced From Drawing 2613D95

Switch Catalog No.	Wire Range, No. and Type Front Connected
MTSDM40400-K	(2) 250 MCM to 500 MCM Al/Cu



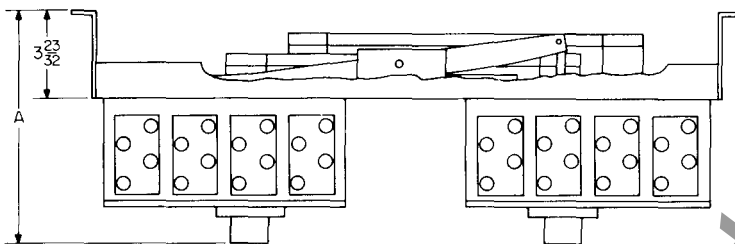
November, 1983
Supersedes Dimension Sheet 29-970,
pages 1-28 dated September, 1979
Mailed to: E, D, C/1915/DS

Automatic, Basic and Manual Construction

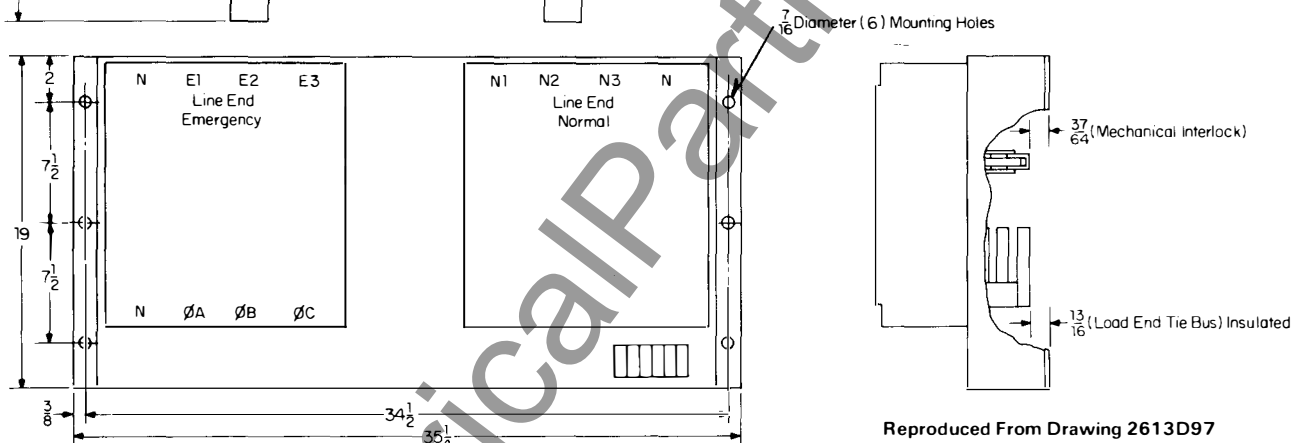
Transfer Switches

Type MTSD Dual Handle Switch, 4 Poles, *Continued* Manual Switch Only

600-1000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)

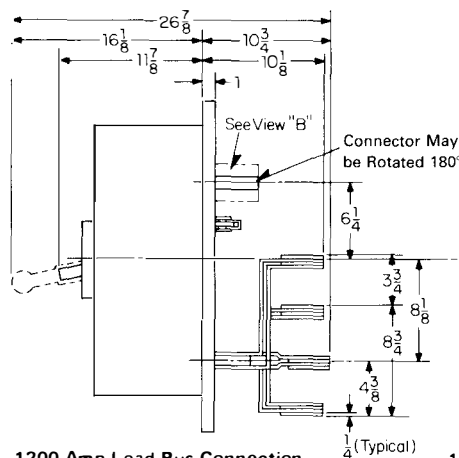
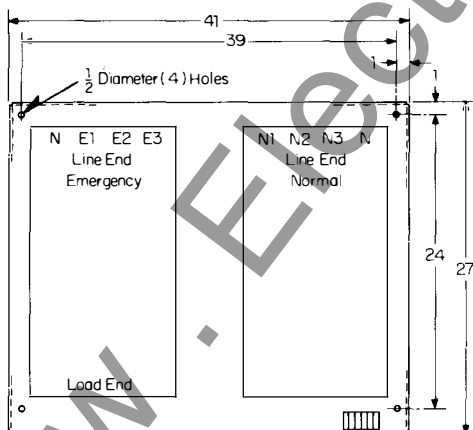


Max. Switch Amps	Switch Catalog Number	Wire Range, No. and Type	Dim A
	Manual Switches	Front Connected (Al/Cu)	
600	MTSDM40600-K	(2) #1 to 500 MCM	6 1/4
800	MTSDM40800-K	(3) 3/0 to 400 MCM	7 1/4
1000	MTSDM41000-K	(3) 3/0 to 400 MCM	7 3/4

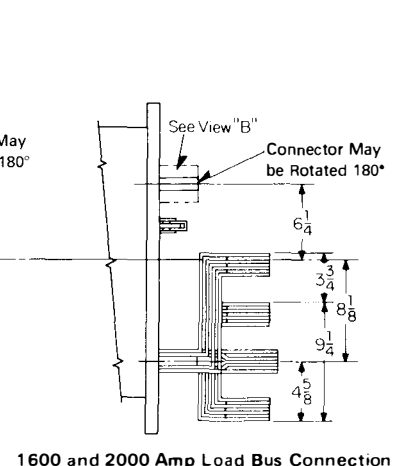


Reproduced From Drawing 2613D97

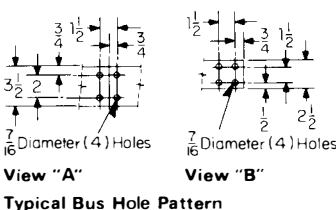
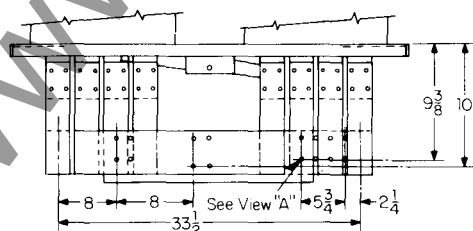
1200-2000 Amperes, Rear Bus Connection (Standard for Open Switch)



1200 Amp Load Bus Connection



1600 and 2000 Amp Load Bus Connection



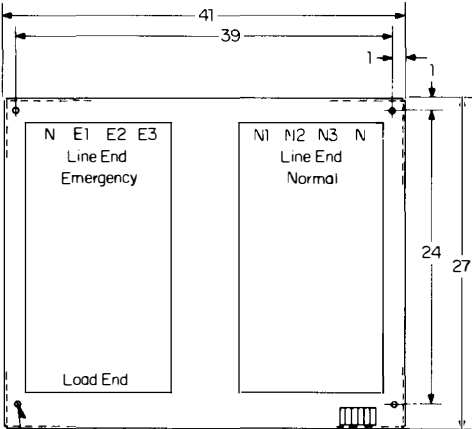
View "A" View "B"
Typical Bus Hole Pattern

Reproduced From Drawing 2613D98

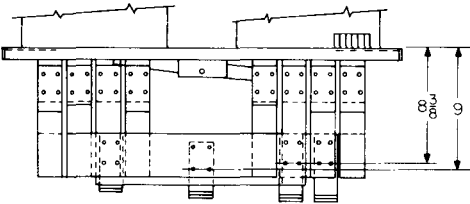


Type MTSD Dual Handle Switch, 4 Poles, Continued
Manual Switch Only

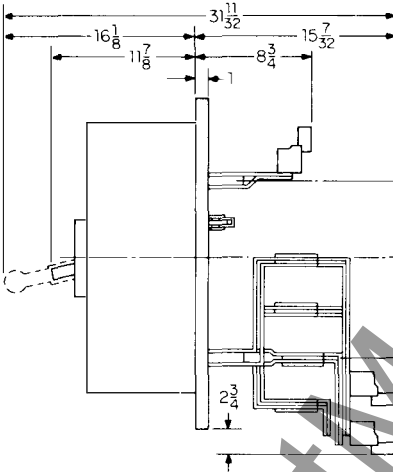
1200-2000 Amperes, Front Connected Switch (Load Cable Connectors at Load End of Emergency Breaker Only)



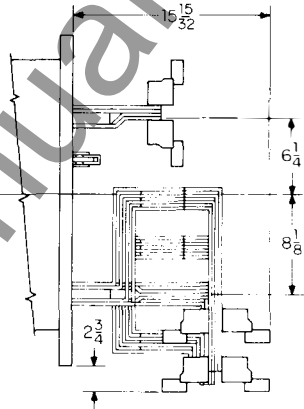
$\frac{1}{2}$ Diameter (4) Holes



Reproduced From Drawing 2613D99



1200 Amp Load Bus Connection



1600 and 2000 Amp Load Bus Connection

Max. Switch Amps	Switch Catalog Numbers	Wire Range, No. and Type
	Manual Switches 4 Poles	Connectors Per Pole (Al/Cu)
1200	MTSDM41200-K	(4) 4/0 to 500 MCM
1600	MTSDM41600-K	(8) 4/0 to 500 MCM
2000	MTSDM42000-K	(8) 4/0 to 500 MCM

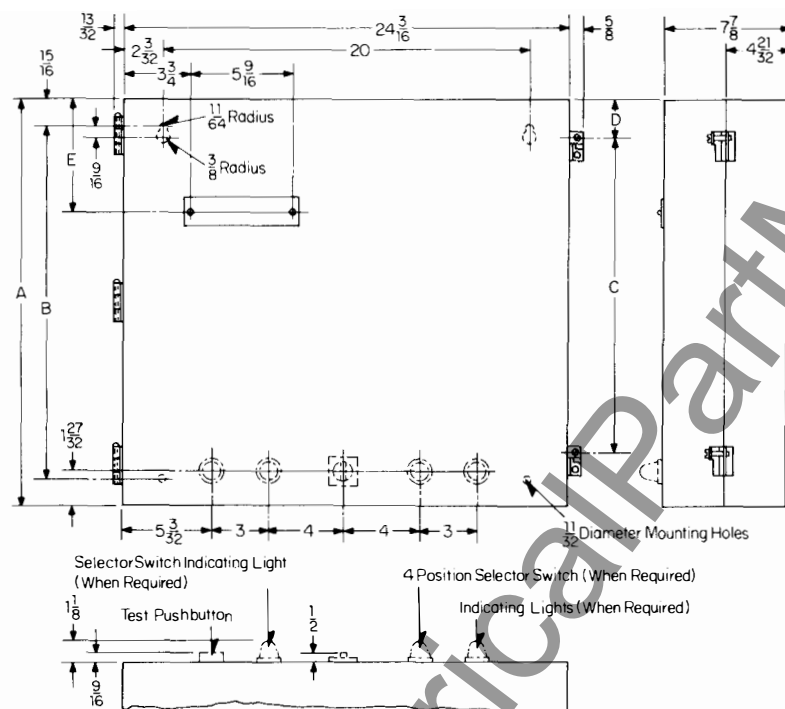
November, 1983
Supersedes Dimension Sheet 29-970,
pages 1-28 dated September, 1979
Mailed to: E, D, C/1915/DS

Automatic, Basic and Manual Construction

Transfer Switches

NEMA 1 Enclosure for Automatic, Contactor and Single Panel Switches with Relay Logic

30-104 Amperes, 2 and 3 Poles



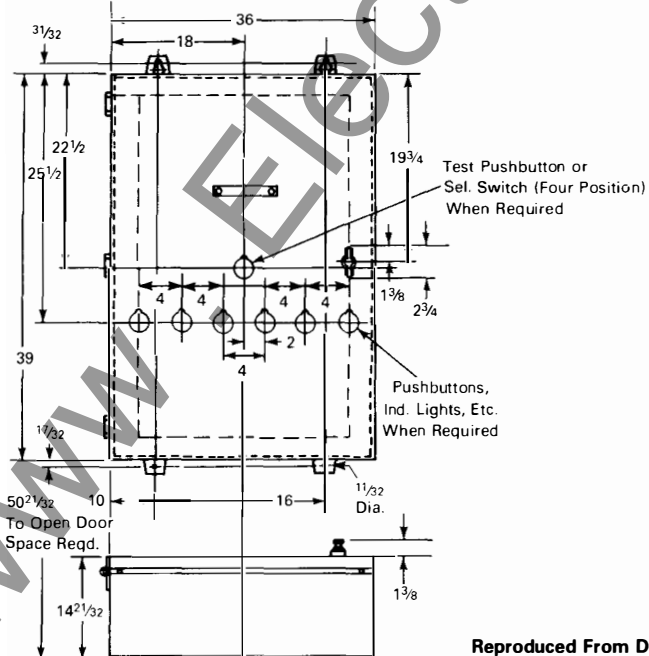
Note: Used for Automatic and Basic Switches

Switch Type, Rating	Dimensions, Inches				
	A	B	C	D	E
Contactor (120, 208, 240V)	24 ¹ / ₁₆	22 ⁵ / ₈	18 ¹ / ₂	2 ⁵ / ₃₂	6 ¹⁹ / ₃₂
Contactor (480, 600V)	32 ¹ / ₁₆	30 ⁵ / ₈	22 ¹ / ₂	4 ⁵ / ₃₂	8 ¹⁹ / ₃₂
Single Panel 30-104 Amps. (All Voltages)					

Reproduced From Drawing 1274C92

NEMA 1 Enclosure for Automatic Single Panel Switches with Relay Logic

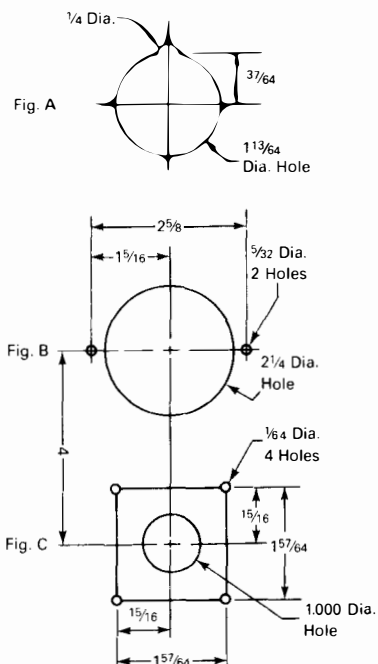
150-400 Amperes, 2 and 3 Poles



Reproduced From Drawing 1274C83

Drilling Plans for Indicating Lights, Selector Switches and Meter Options – for All Enclosures on Pages 23, 24, 25

Fig.	Option Description
A	6A, 6C, 8A, 8B, 9A, 11B, 11C, 12A, 12B, 12E, 12F, 12J, 12K, 7C (light), 29B, 29C, 29F, 29H 7C (Selector Switch), 10A, 10C, 23G (Selector Switch)
B	18E (Meter), 18F (Meter), 18G, 18H
C	18E (Selector Switch), 18F (Selector Switch)

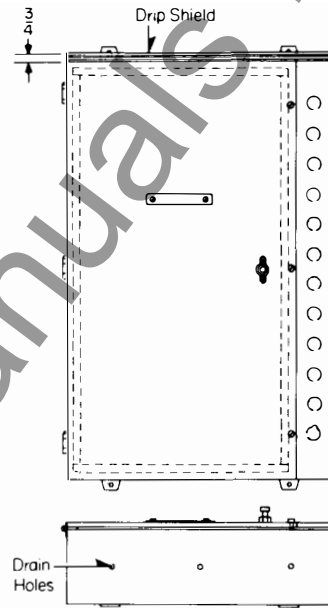
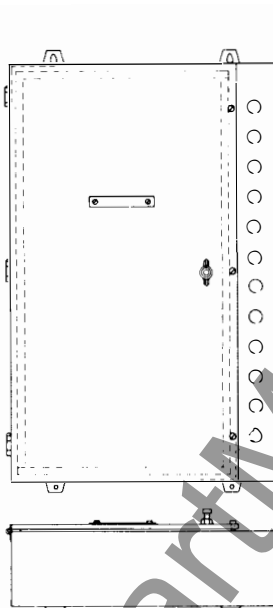
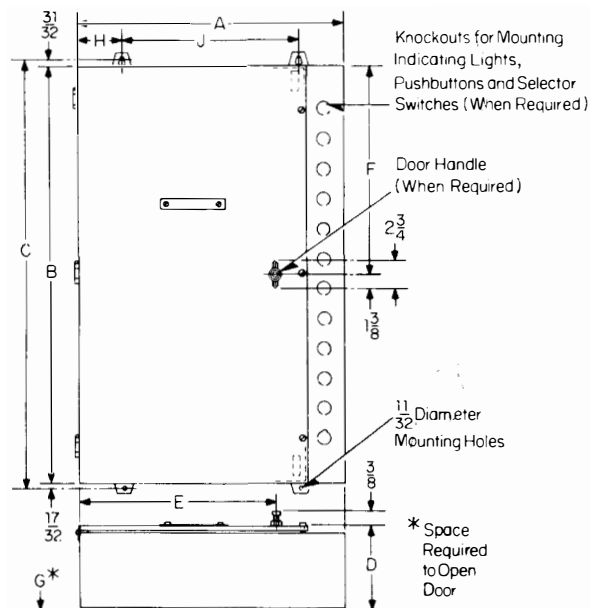


Reproduced From Drawings 1370D19, 751B655



Enclosures for Solid State Automatic Switches, Basic Switches and Manual Switches

Breaker Switch, 100-1000 Amperes, 2, 3, 4 Poles



NEMA 1

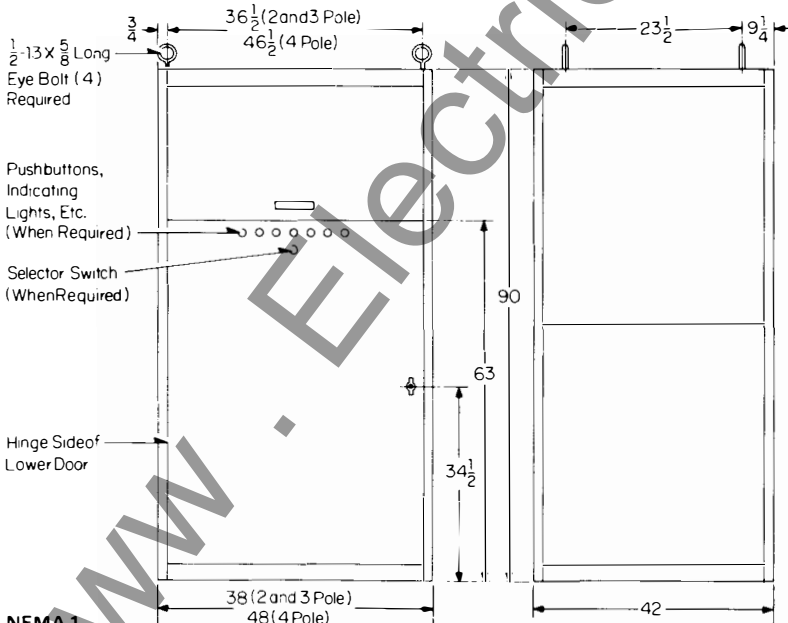
NEMA 12 (Otherwise Same as NEMA 1)

NEMA 3R (Otherwise Same as NEMA 12)

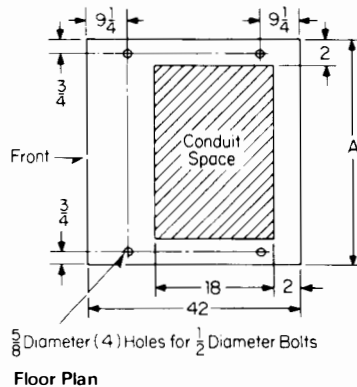
Switch Amp Rating	No. of Poles	Automatic and Basic Switches										Manual Switches									
		Dimensions, Inches										Dimensions, Inches									
		A	B	C	D	E	F	G	H	J		A	B	C	D	E	F	G	H	J	
100	3	27	43	44 1/2	9 1/16	19 59/64	21 17/64	31	4 1/2	18		27	16	17 1/2	9 1/8	19 59/64	8 1/4	31	4 1/2	18	
225-400	3	38	52	53 1/2	14 7/8	30 59/64	26 17/64	48 1/4	10	18		38	32 3/4	34 1/4	14 7/8	30 59/64	16 41/64	48 1/4	10	18	
600-1000	3	38	62	63 1/2	16 3/8	30 59/64	31 17/64	49 3/4	10	18		38	46 1/8	47 3/8	16 3/8	30 59/64	23 21/64	49 3/4	10	18	
225-400	4	43 1/2	52	53 1/2	14 7/8	36 27/64	26 17/64	53 3/4	10	23 1/2		43 1/2	32 3/4	34 1/4	14 7/8	36 27/64	16 41/64	53 3/4	10	23 1/2	
600-1000	4	43 1/2	62	63 1/2	16 3/8	36 27/64	31 17/42	53 3/4	10	23 1/2		43 1/2	46 1/8	47 3/8	16 3/8	36 27/64	23 21/64	53 3/4	10	23 1/2	

Reproduced From Drawing 1374D58 (Automatic and Basic Switches), 1228C57 (Manual Switches)

Breaker Switch, 1200-2000 Amperes, 2, 3, 4 Poles (PB Breaker Design Only)



Note:
Used for Automatic, Manual and Basic Switches



Floor Plan

NEMA 1

Reproduced From Drawing 1271 C53

November, 1983
Supersedes Dimension Sheet 29-970,
pages 1-28 dated September, 1979
Mailed to: E. D. C/1915/DS

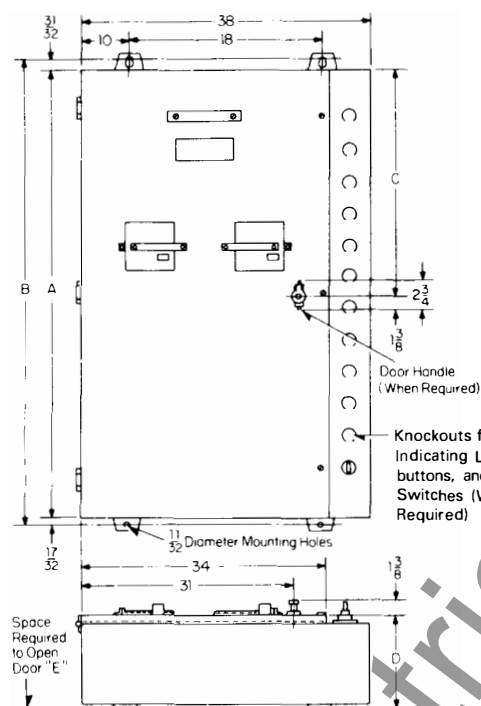
Automatic, Basic and Manual Construction

Transfer Switches

NEMA 1 Enclosures for Automatic Switches – Suitable for Use as Service Equipment

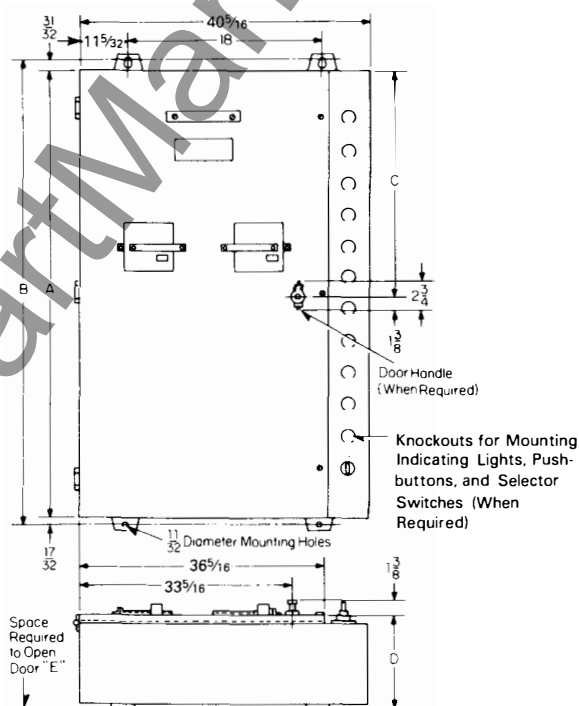
With Ground Fault protection

Breaker Switch, 400-1000 Amperes, 3 Poles



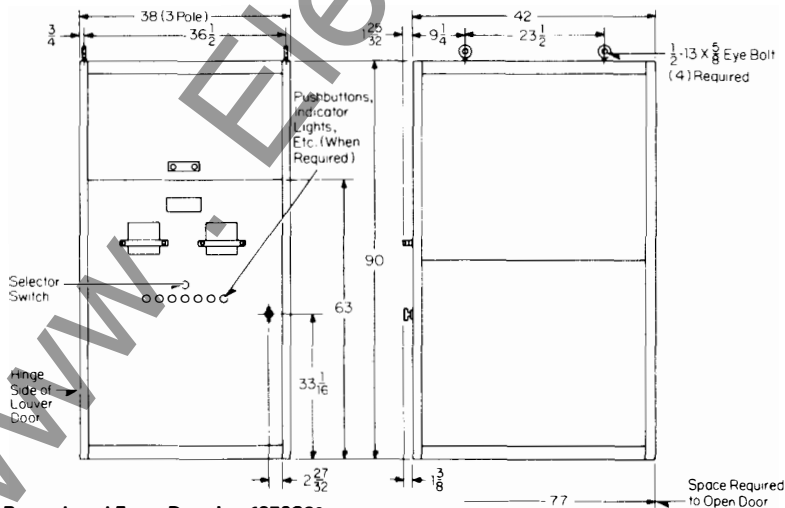
Reproduced From Drawing 1274C81

Breaker Switch, 400-1000 Amperes, 3 Poles



Reproduced From Drawing 1274C79

Breaker Switch, 1200-2000 Amperes, 3 Poles



Reproduced From Drawing 1279C80

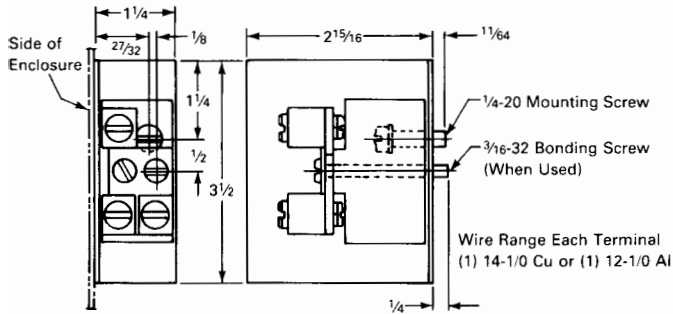
**Service Entrance Equipment
Enclosures
(Drawing Numbers 1274C81
and 1228C79)**

Switch Amp Rating	Dimensions, Inches				
	A	B	C	D	E
400	55	56½	29½	11½ ₁₆	45¾
600-1000	67	68½	35½	13¼	46½ ₁₆



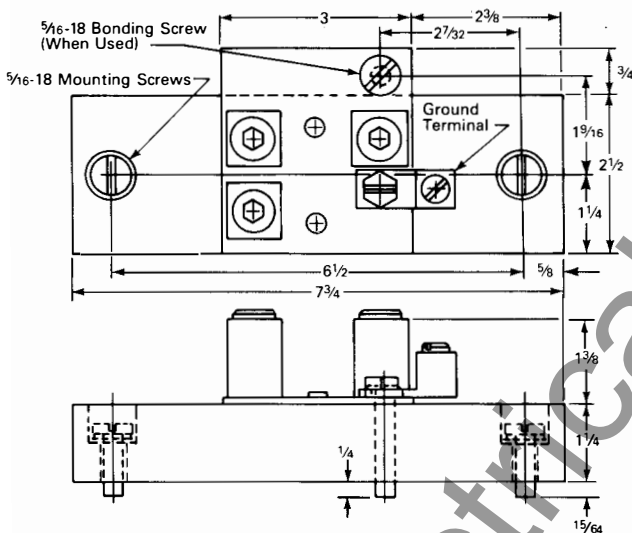
Solid Neutral Bars

Option 19A (100 Amperes)



Reproduced From Drawing 459D912

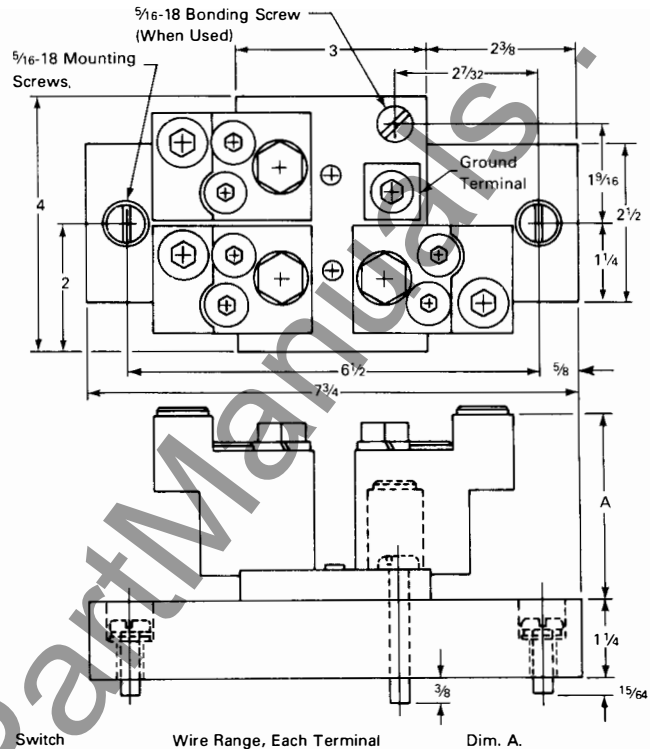
Option 19B (150 and 225 Amperes)



Reproduced From Drawing 2611D36

Note: For Dimensions of Solid Neutral Bars for Systems Pow-R Breaker Switches, Refer to Westinghouse

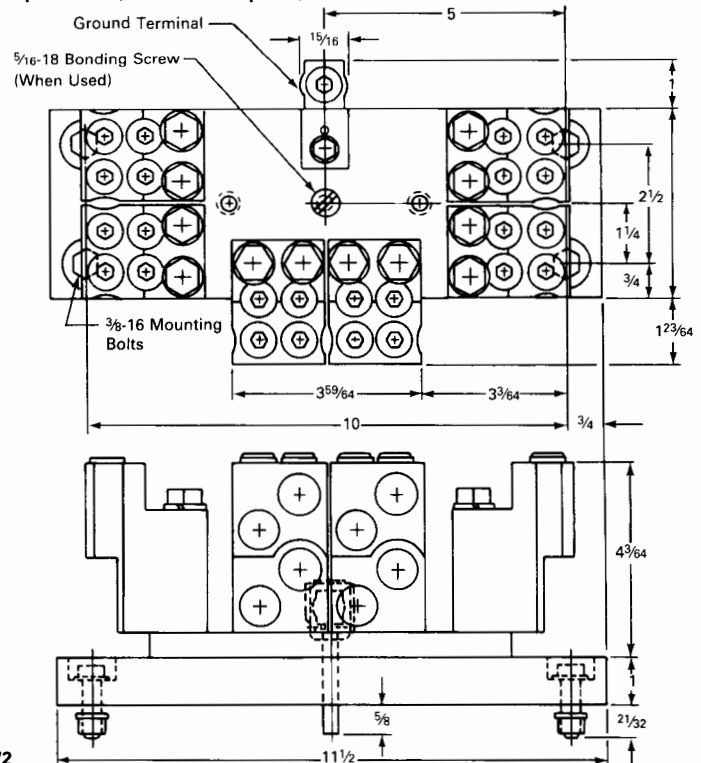
Options 19C-19G (400-1200 Amperes)



Switch Amp Rating	Wire Range, Each Terminal	Dim. A.
400-600	(2) #1-500 MCM Cu/Al	2 5/16
800-1000	(3) 3/0-400 MCM Cu/Al	2 5/8
1200	(4) 4/0-500 MCM Cu/Al	4 3/8
Ground Terminal	(1) #6-350 MCM Cu or (1) #4-350 MCM Al	

Reproduced From Drawing 2611D36

Option 19H (1600-2000 Amperes)



Reproduced From Drawing 2609D72



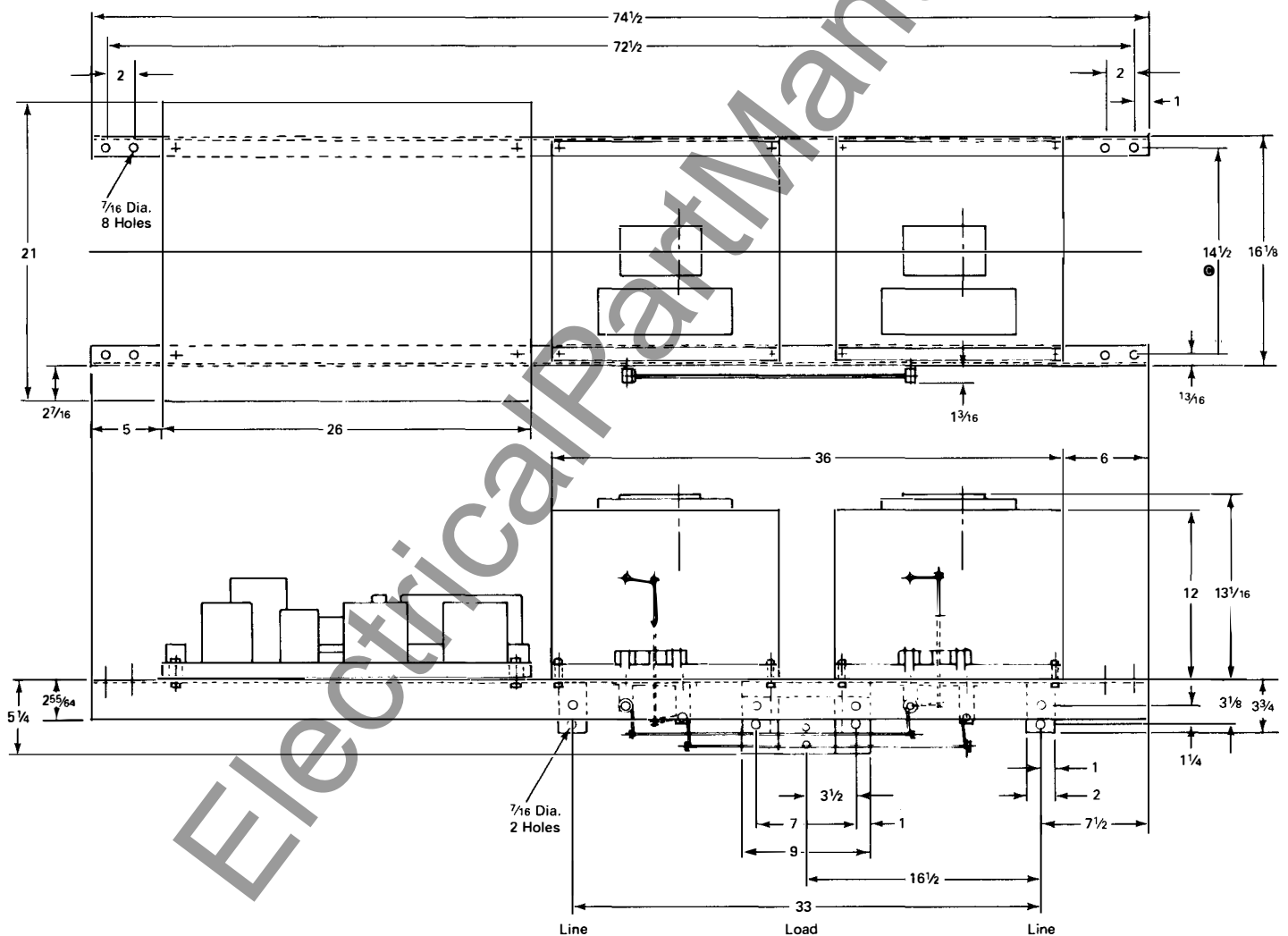
November, 1985
Supersedes Dimension Sheet 29-970,
pages 27-28 dated November, 1983
Mailed to: E, D, C/29-900A

Automatic, Basic and Manual Construction

Transfer Switches

Systems Pow-R Breaker Type Switches

1200-2000 Amperes, 3 Pole, Open – Rear Bus Connected



Reproduced From Drawing 1375D52

© Changed since previous issue.

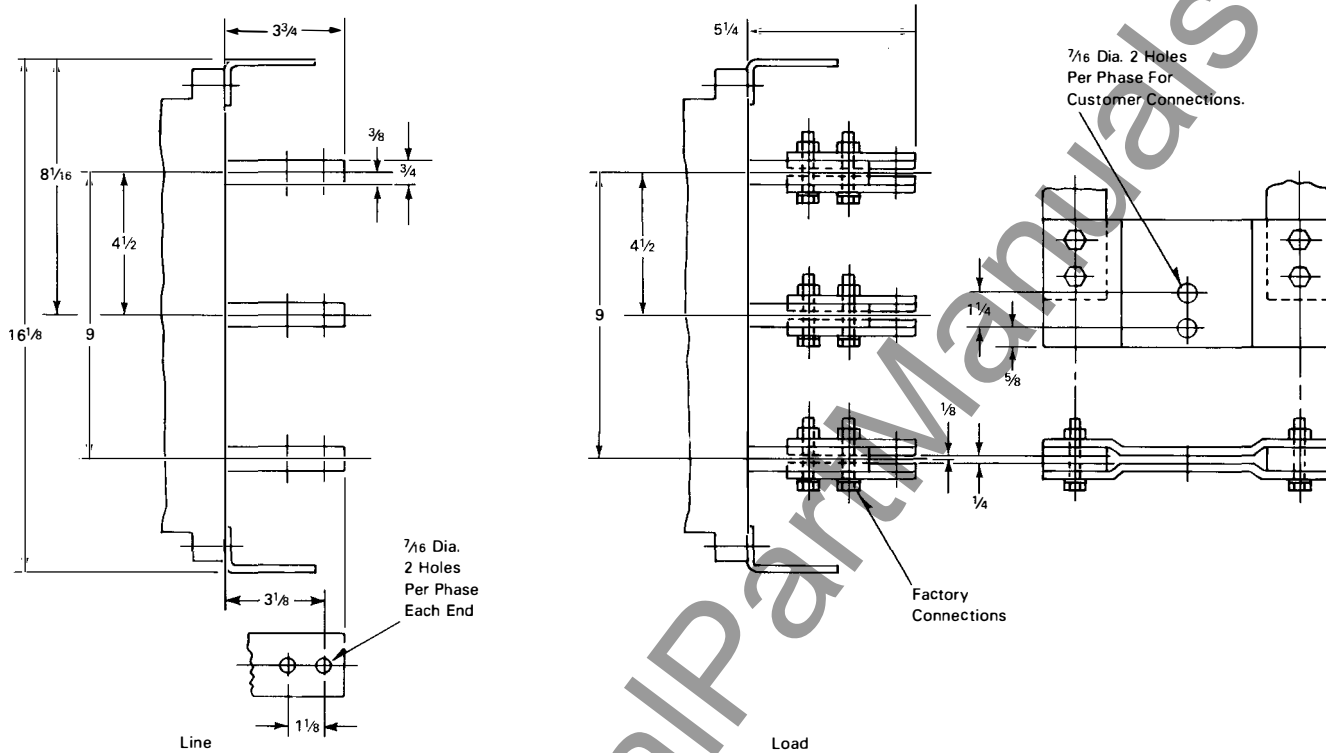
Note: When Open Switch is Mounted in Customer Enclosure, a Vent Pattern Similar to that used on Westinghouse Enclosure must be utilized. See SPB Enclosure Drawing 1368D63.



Transfer Switches

Systems Pow-R Breaker Type Switches

1200-2000 Amperes, 3 Pole, Open-Customer Bus Connections



Reproduced from Drawing 1375D52

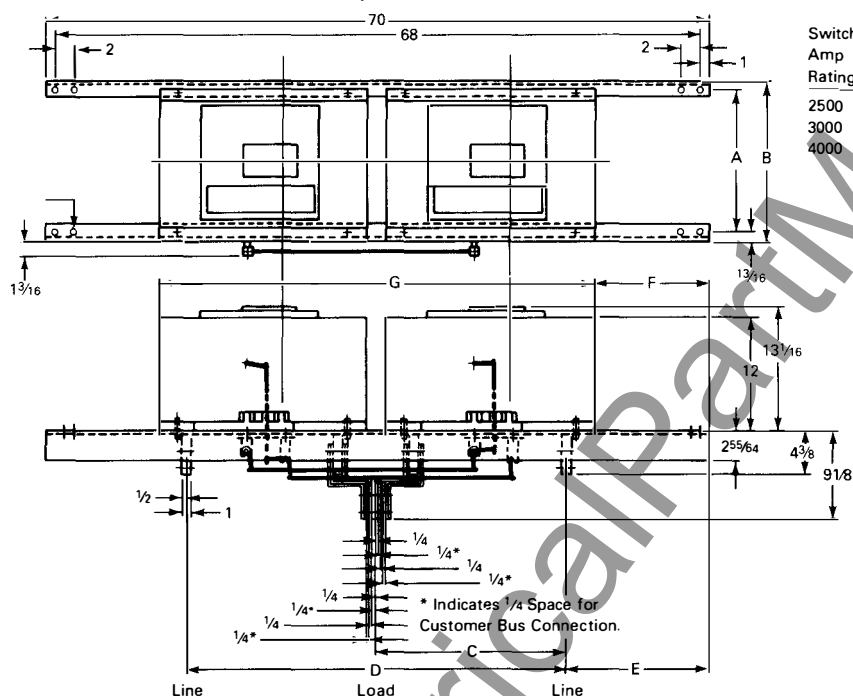
November, 1983
Supersedes Dimension Sheet 29-970,
pages 1-28, dated September, 1979
Mailed to: E. D. C/1915/DS

Automatic, Basic and Manual Construction

Transfer Switches

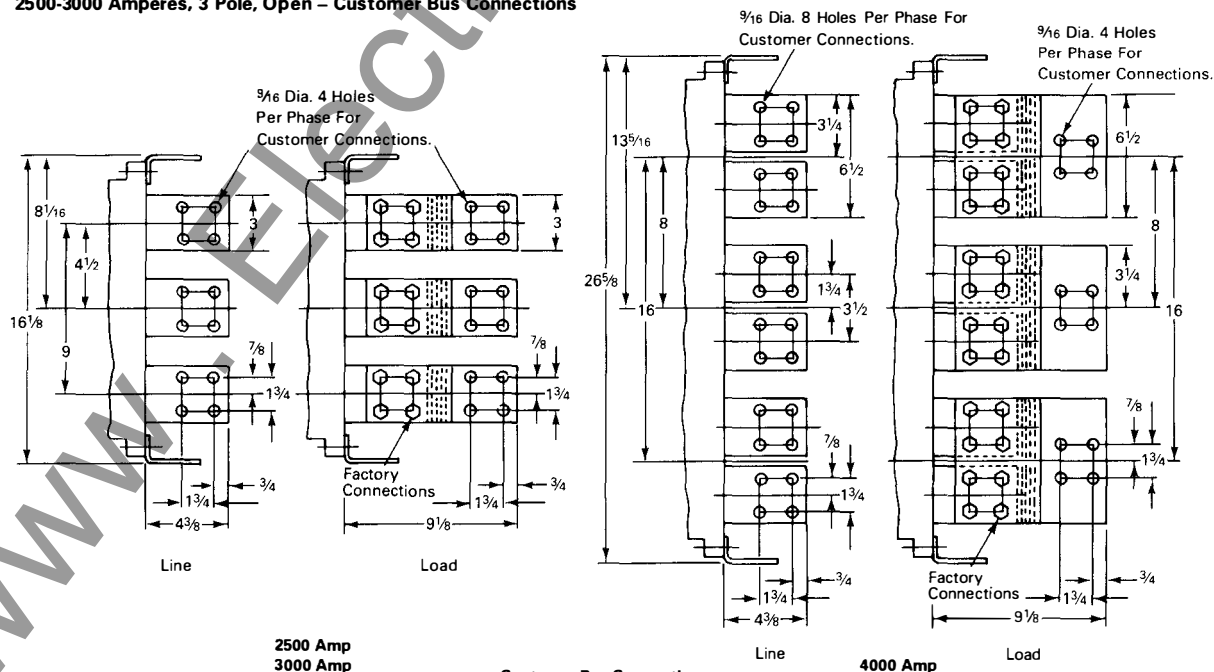
Systems Pow-R Breaker Type Switches

2500-3000 Amperes, 3 Pole, Open – Rear Bus Connected



Switch Amp Rating	Dimensions, inches						
	A	B	C	D	E	F	G
2500	14½	16⅞	20	40	15	12	46
3000	14½	16⅞	20	40	15	12	46
4000	25	26⅝	24	48	11	7¾	54½

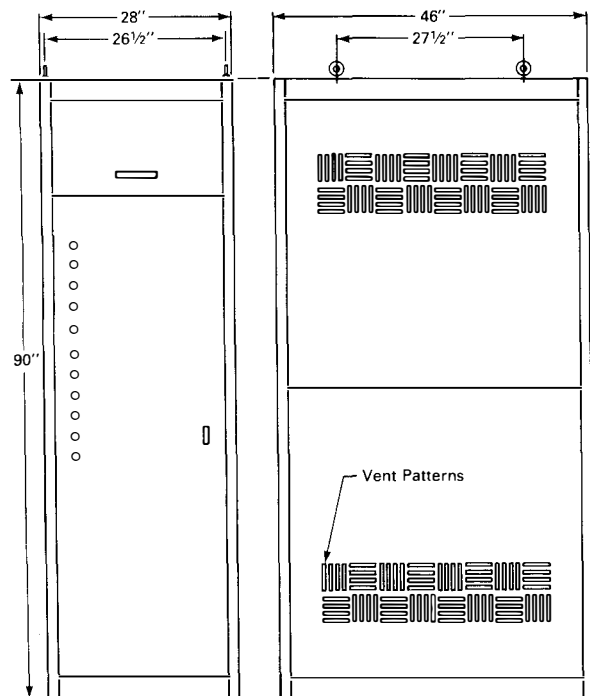
2500-3000 Amperes, 3 Pole, Open – Customer Bus Connections





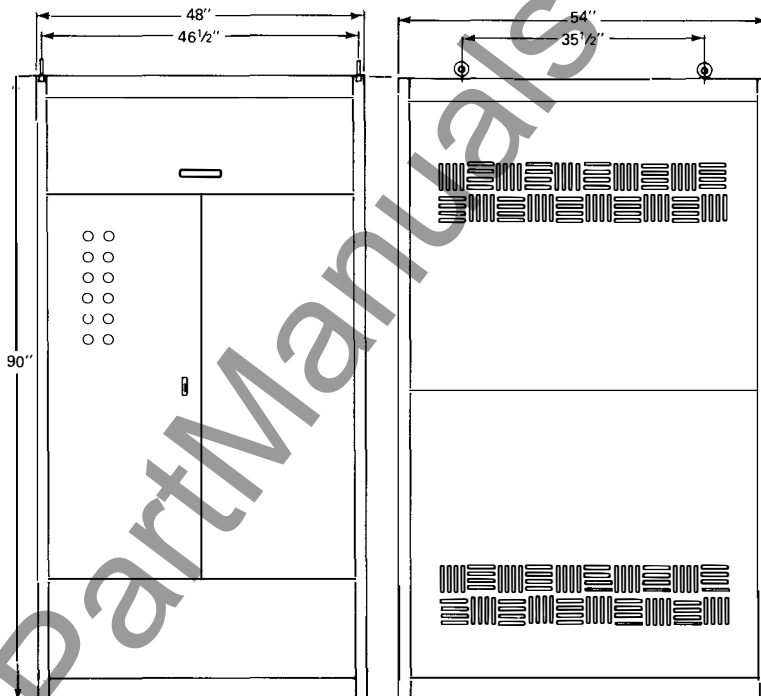
Enclosures for Systems Pow-R Breaker Switches

1200-2000 Amperes, 3 Poles



Reproduced From Drawing 1368D63

2500-4000 Amperes, 3 Poles



Reproduced From Drawing 1368D62

Note: When Open Switch is Mounted in Customer Enclosure, a Vent Pattern Similar to that used on Westinghouse Enclosure must be utilized. See SPB Enclosure Drawing 1368D63.