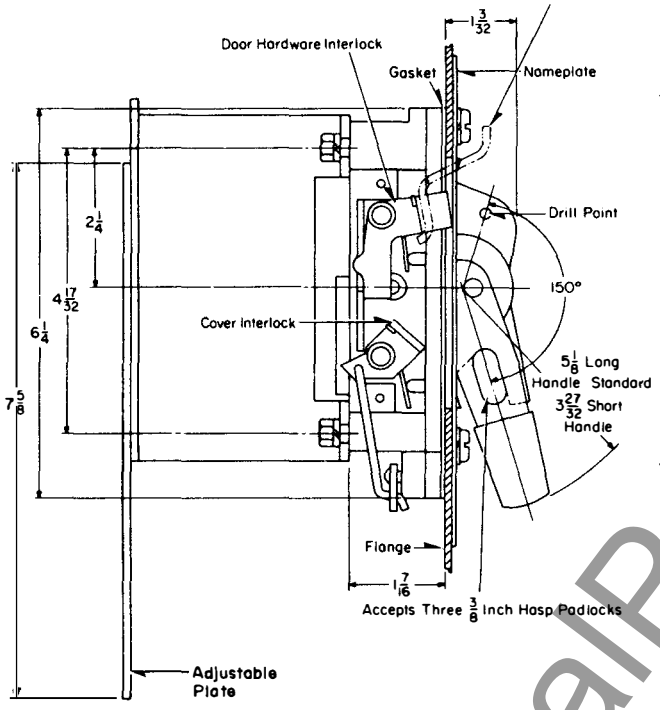
April 1991
Supersedes Dimension Sheet 29-570,
pages 3-4, dated June 1972
Mailed to: E, D, C/29-500A

SM 150 for Series C F-Frame, EB, EHB, FB, HFB Breakers
30, 60, 100 Ampere De-ion Switches
SM 101P for FB TRI-PAC Breaker and FB Breaker with Current Limiter

SM225, SM400, SM600, SM800 for KA, LA, Series C L-Frame, MA, LA TRI-PAC Breakers

Handle Mechanisms

Style Number 623B214G02 door operated interlock defeater kit (field mounted)—required when door hardware is not used—operates as door closes. Additional door securing means such as a screw latch or similar device also required; to be supplied by box manufacturer.



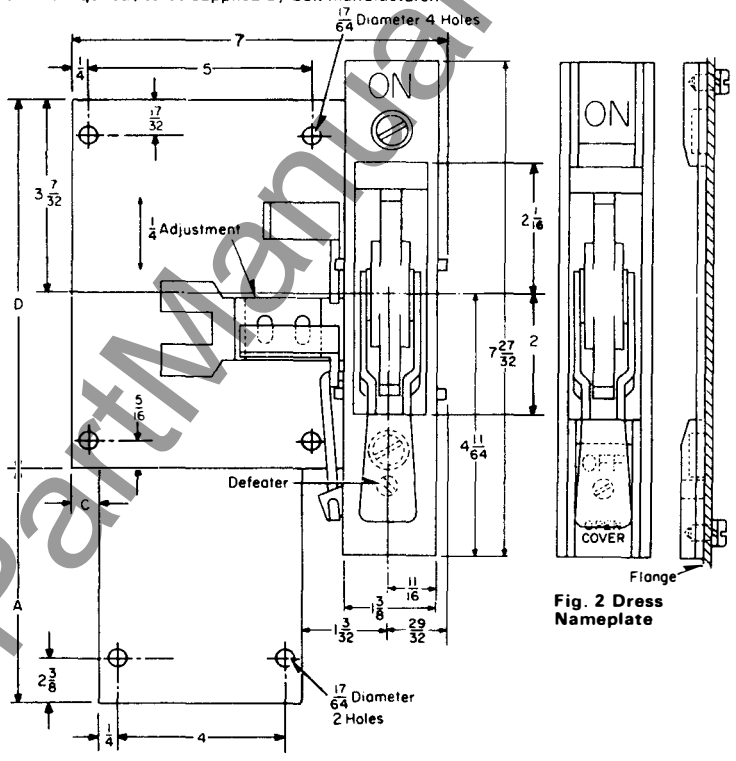
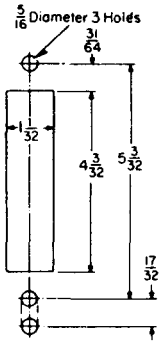


Fig. 2 Dress Nameplate

Flange Cutouts

For Standard Nameplate



For Dress Nameplate

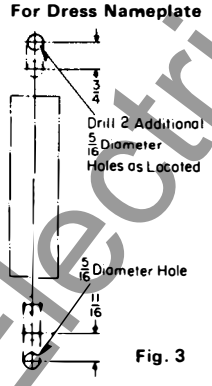


Fig. 3

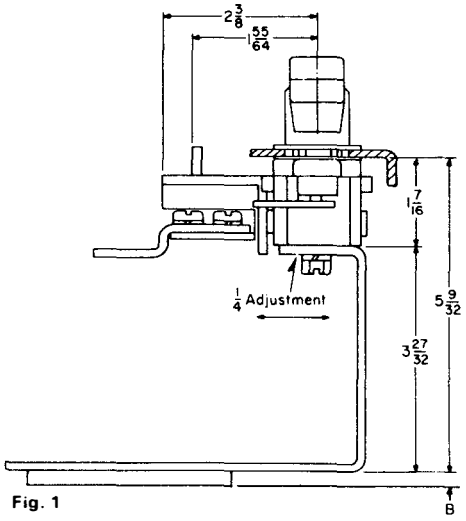


Fig. 1

SM Safety Handle Mechanisms

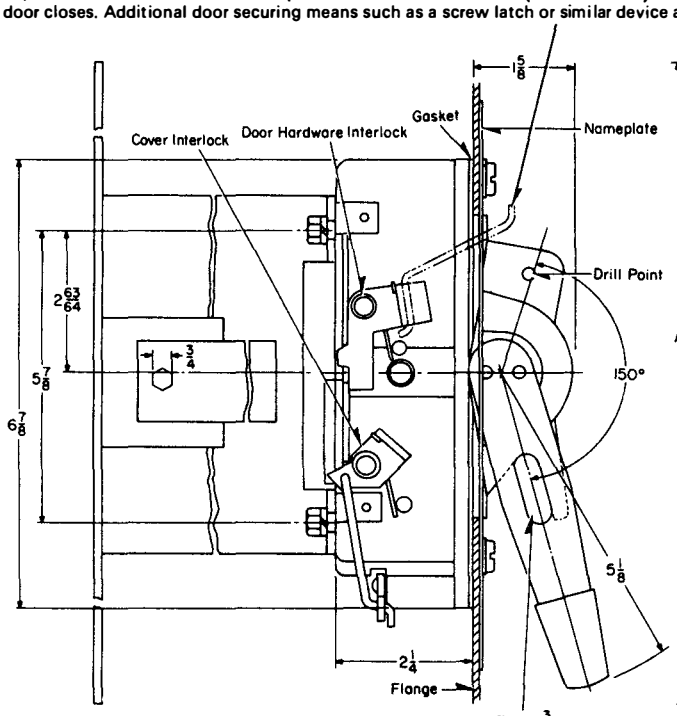
Catalog Number	Disconnect	Dimension A	B	C	D	Fuse
SM150R	EB, EHB, FB, HFB Breakers DS 16U, DS 26U, DS 36U Switches	..	..	..	5 27/32	..
SM100SFR	DS 121	1 13/16	1/8	1/2	5 27/32	Class H
SM100SFR	DS 122, DS 222	2 11/16	1/8	1/2	5 27/32	Class H
SM100SFR	DS 161	4 13/16	1/8	1/2	5 27/32	Class H
SM100SFR	DS 161, DS 262	2 1/16	1/8	1/2	5 27/32	Class J
SM100SFR	DS 162, DS 262	5 3/16	1/8	1/2	5 27/32	Class H
SM100SFR	DS 363	4 15/16	1/8	1/2	5 27/32	Class H, 250V.
SM100SFR	DS 363, DS 263	6 15/16	1/8	1/2	5 27/32	Class H, 600V.
SM100SFR	DS 363	3 11/16	1/8	1/2	5 27/32	Class J
SM101PR	FB Tri-Pac, FB Breaker with Current Limiter	..	..	..	8⅝	..

Reproduced From Drawing 377D721

Note:
For recommended enclosure dimensions, refer to page 8.
For door hardware dimensions, refer to pages 9-12.
Dimensions for Left Hand Mechanism same as shown except opposite view.

SM225, SM400, SM600, SM800 for KA, LA, Series C L-Frame, MA, LA TRI-PAC Breakers

Style Number 623B214G02 door operated interlock defeater kit (field mounted)—required when door hardware is not used—operates as door closes. Additional door securing means such as a screw latch or similar device also required; to be supplied by box manufacturer.



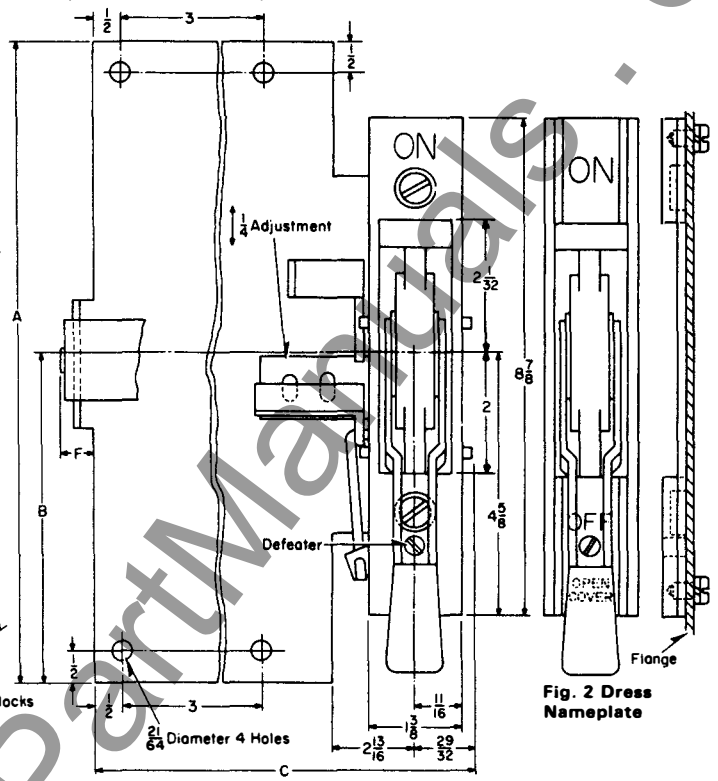


Fig. 2 Dress Nameplate

SM Safety Handle Mechanisms

Catalog Number	Disconnect	Dimensions A	B	C	D	E	F
SM225R	JA-KA Breaker	12½	6 3/16	7⅞	5 5/16	7 9/16	3/64
SM400R	LA Breaker	12¾	6½	9 31/64	5 5/16	7 5/16	2
SM800R	MA Breaker	18	7 49/64	9 31/64	5 27/32	7 27/32	2
SM400PR	LA Tri-Pac Breaker	18	11⅜	9 31/64	5 5/16	7 5/16	2
SM600R	LD Breaker	12¾	6⅛	9 31/64	5 5/16	7 5/16	2
SM800PR	NB Tri-Pac Breaker	24	13 49/64	9 31/64	6 63/64	8 63/64	2
SM1200R	NB 1200 Amp. Breaker	18	7 49/64	9 31/64	6 63/64	8 63/64	2
SM200 SFR	DS 200 Fusible	17 31/32	12¼	7 15/16	6 49/64	8 49/64	3 49/64
SM200SR	DS 200 Non-Fusible	9 15/16	4 7/32	7 15/16	6 49/64	8 49/64	3 49/64

Note:
For recommended enclosure dimensions, refer to page 8.
For door hardware dimensions, refer to pages 9-12.
Dimensions for Left Hand Mechanism same as shown except opposite view.

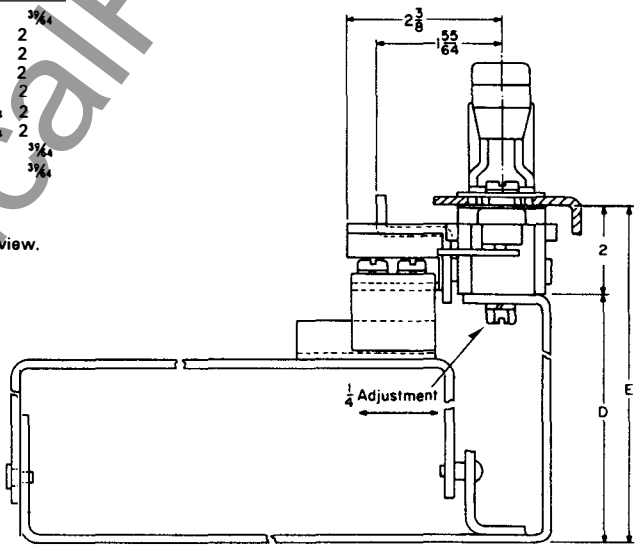


Fig. 1

Flange Cutouts

For Standard Nameplate

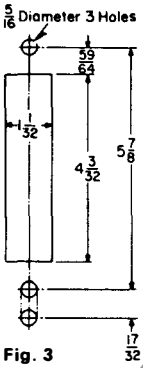
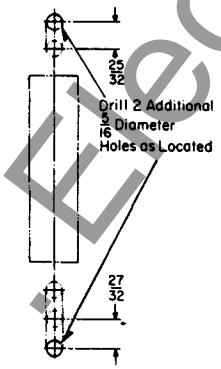


Fig. 3

For Dress Nameplate



Reproduced From Drawing 376D887

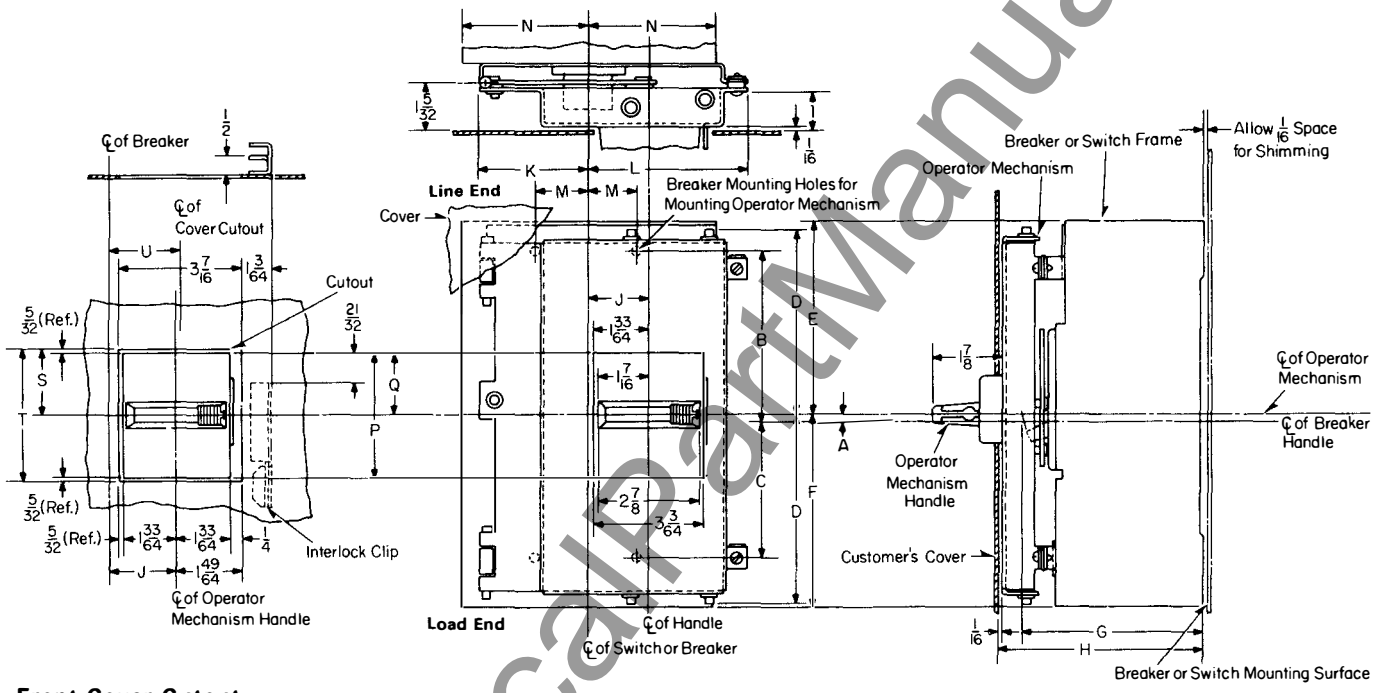
Westinghouse Electric Corporation
Distribution and Control Business Unit
Electrical Components Division
Pittsburgh, Pennsylvania, U.S.A. 15220

April 1991

April 1991
Supersedes Dimension Sheet 29-570,
pages 7-8, dated June 1972
Mailed to: E, D, C/29-500A

Type MC for Series C LD, LA, LAB, MA, NB, HLA, HMA and LA TRI-PAC Breakers

Handle Mechanisms



Front Cover Cutout

Reproduced from Drawing 1252C45

Catalog Number NEMA 1	Catalog Number NEMA 12	Breaker or Switch	Dimension A	B	C	D	E	F	G	H	J
SMCU400LA	CMCU400LA	LA, LAB, HLA and LA Non-Auto.	3/8	5 1/16	4 15/32	7 43/64	5 1/4	5 1/2	5 1/2	6 1/4	2
SMCU400LAP	CMCU400LAP	LA TRI-PAC	3/8	4 3/4	9 1/2	7 43/64	5 1/4	10 3/4	5 1/2	6 1/4	2
SMCU600LD	CMCU600LD	MA and HMA	1/8	5 1/16	4 15/32	7 43/64	5 5/8	5 1/8	5 1/2	6 1/4	2
SMCU800MA	CMCU800MA	NB	3/8	8 5/8	6 1/8	7 43/64	8 7/8	7 1/8	6 1/16	6 13/16	2
SMCU1200NB	CMCU1200NB		3/8	8 5/8	6 1/8	7 43/64	8 7/8	7 1/8	7 3/16	8 1/4	2

Catalog Number NEMA 1	Catalog Number NEMA 12	Breaker or Switch	Dimension K	L	M	N	P	Q	S	T	U
SMCU400LA	CMCU400LA	LA, LAB, HLA and LA Non-Auto.	2 3/8	4 11/16	1 3/8	4 1/8	5 1/8	2 9/16	2 23/32	5 27/64	2 3/64
SMCU400LAP	CMCU400LAP	LA TRI-PAC	2 3/8	4 11/16	1 3/8	4 1/8	5 1/8	2 9/16	2 23/32	5 27/64	2 3/64
SMCU600LD	CMCU600LD	MA and HMA	2 3/8	4 11/16	1 3/8	4 1/8	5 1/8	2 9/16	2 23/32	5 27/64	2 3/64
SMCU800MA	CMCU800MA	NB	2 3/8	4 11/16	1 3/8	4 1/8	5 1/8	2 9/16	2 23/32	5 27/64	2 3/64
SMCU1200NB	CMCU1200NB		2 3/8	4 11/16	1 3/8	4 1/8	5 1/8	2 9/16	2 23/32	5 27/64	2 3/64

Enclosure Mounting Dimensions, Flange Cut-outs

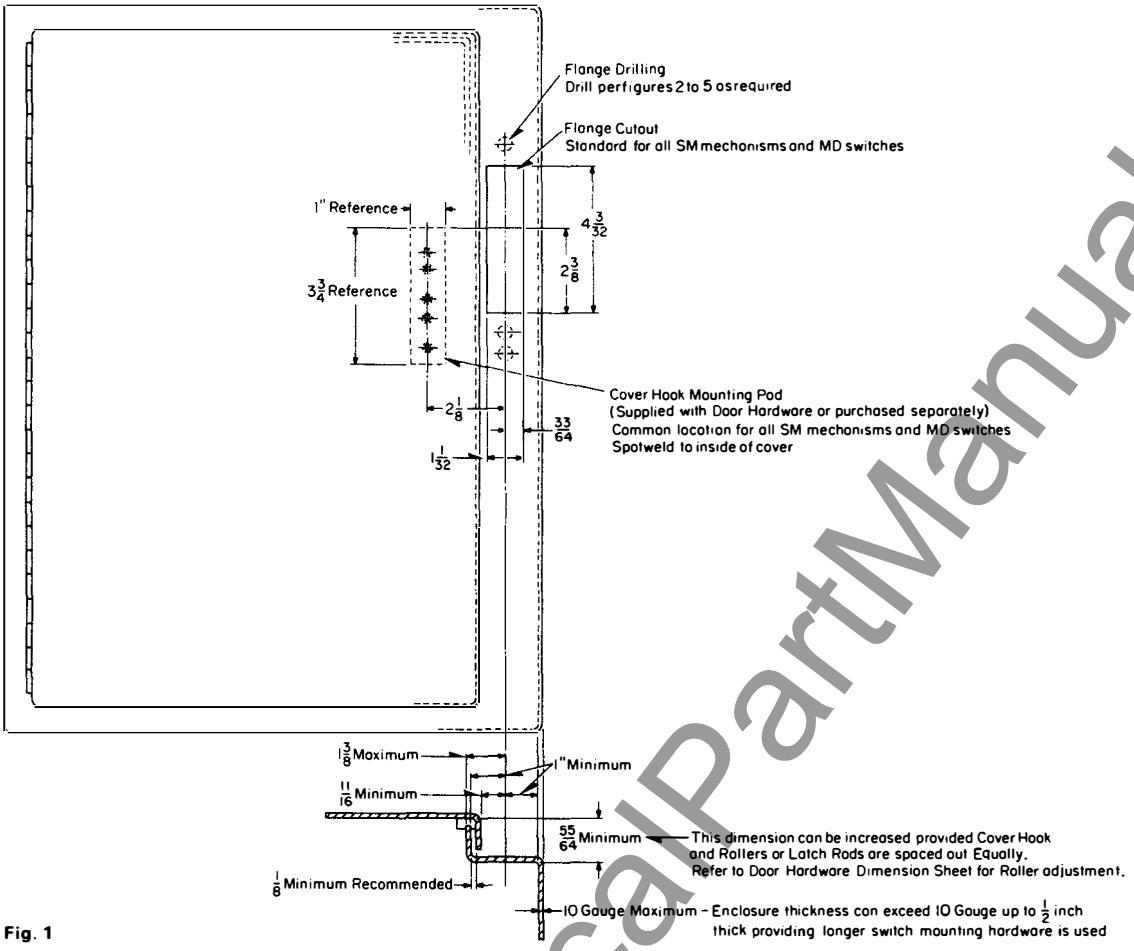


Fig. 1

Flange Cutouts

For SM 200 and Larger Mechanisms

With Standard Nameplate

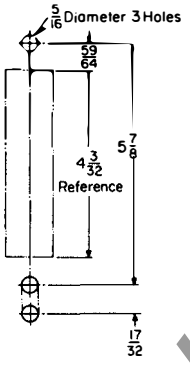


Fig. 2

With Dress Nameplate

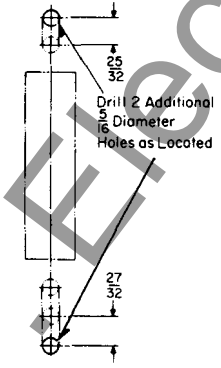


Fig. 3

For SM 100 and SM 150 Mechanisms

With Standard Nameplate

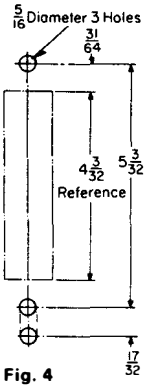


Fig. 4

With Dress Nameplate

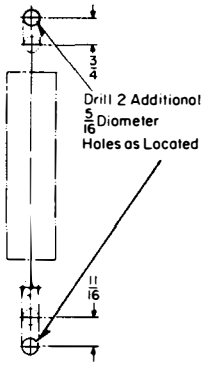


Fig. 5

Note: For Door Hardware drilling plan and welding locations, refer to pages 9-12.

Westinghouse Electric Corporation
Distribution and Control Business Unit
Electrical Components Division
Pittsburgh, Pennsylvania, U.S.A. 15220

April 1991

Printed in U.S.A.

Westinghouse

Handle Mechanisms

Index

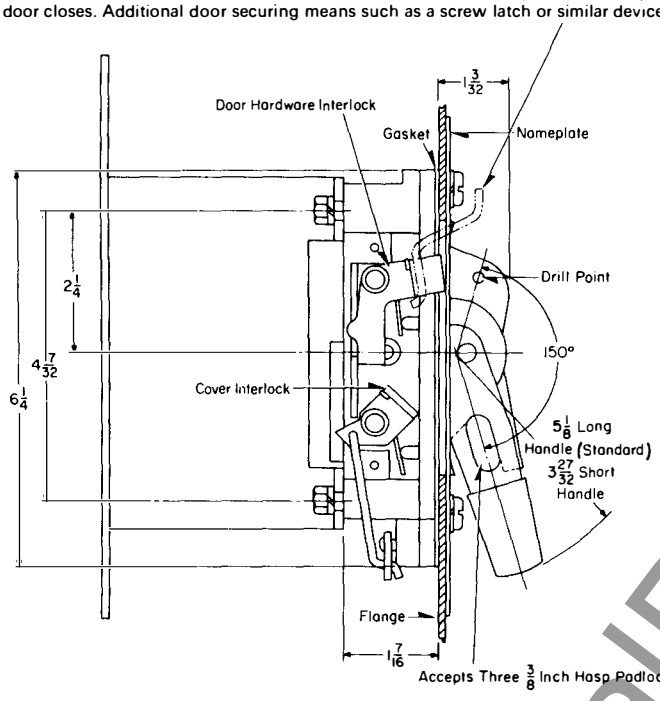
① Changed since previous issue.

June, 1972
Supersedes Dimension Sheet 29-570, pages 1-2, dated April, 1970
E, D, C/1901, 1902/DB, DS

Handle Mechanisms
SM 100

For 30, 60, 100 Ampere De-ion® Switches

Style Number 623B214G02 door operated interlock defeater kit (field mounted)—required when door hardware is not used—operates as door closes. Additional door securing means such as a screw latch or similar device also required; to be supplied by box manufacturer.



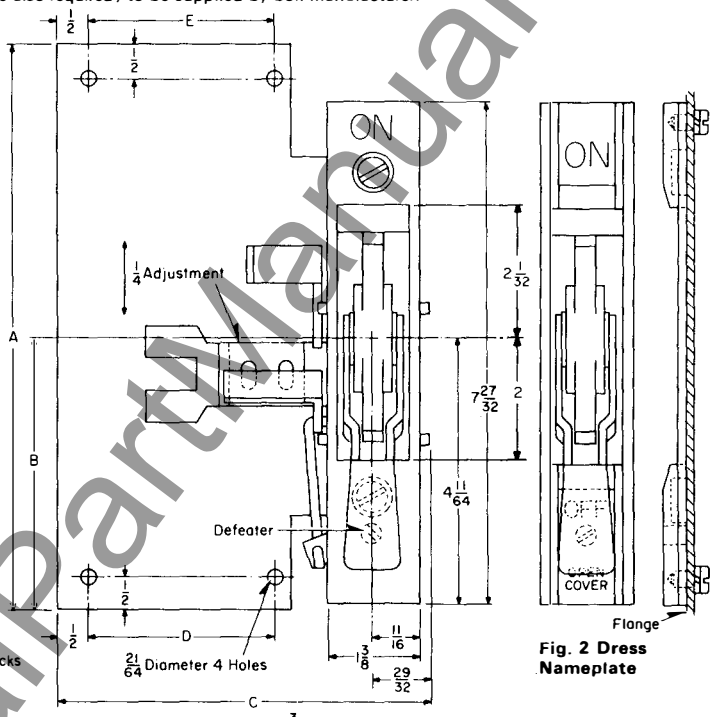
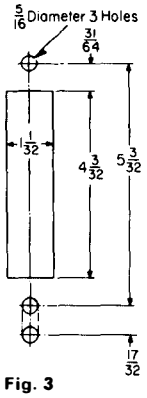


Fig. 2 Dress Nameplate

Flange Cutouts

For Standard Nameplate



For Dress Nameplate

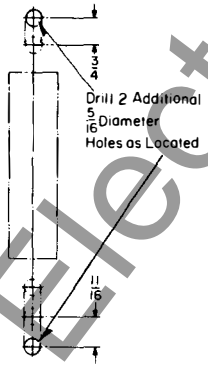


Fig. 3

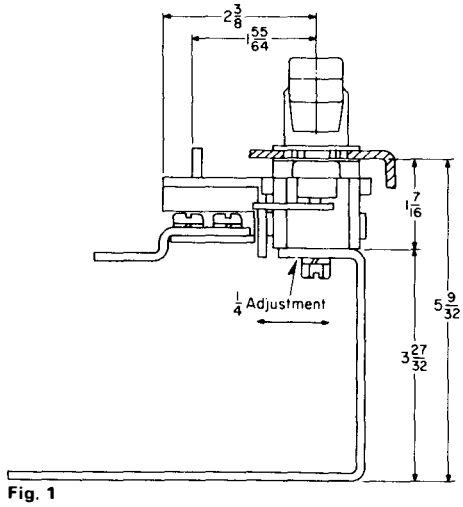


Fig. 1

SM Safety Handle Mechanisms

Catalog Number	Disconnect	Dimensions				
		A	B	C	D	E
SM100R	30, 60, 100 Amp De-ion Switch	8¾	4 1/64	5 15/16	3	3

Note:
For recommended enclosure dimensions, refer to page 7.
For door hardware dimensions, refer to pages 9-12.
Dimensions for Left Hand Mechanism same as shown except opposite view.

Reproduced From Drawing 376D888

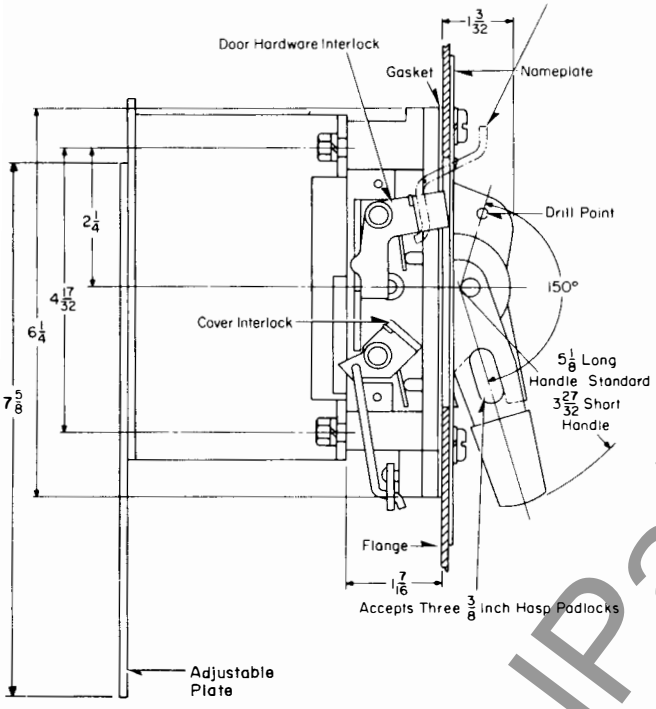
Westinghouse Electric Corporation
Low Voltage Breaker Division, Beaver, Pa. 15009
Printed in USA

Westinghouse

Handle Mechanisms

SM 150 for EB, EHB, FB, HFB Breakers 30, 60, 100 Ampere De-ion Switches
SM 101P for FB TRI-PAC Breaker and FB Breaker with Current Limiter

Style Number 623B214G02 door operated interlock defeater kit (field mounted)—required when door hardware is not used—operates as door closes. Additional door securing means such as a screw latch or similar device also required; to be supplied by box manufacturer.



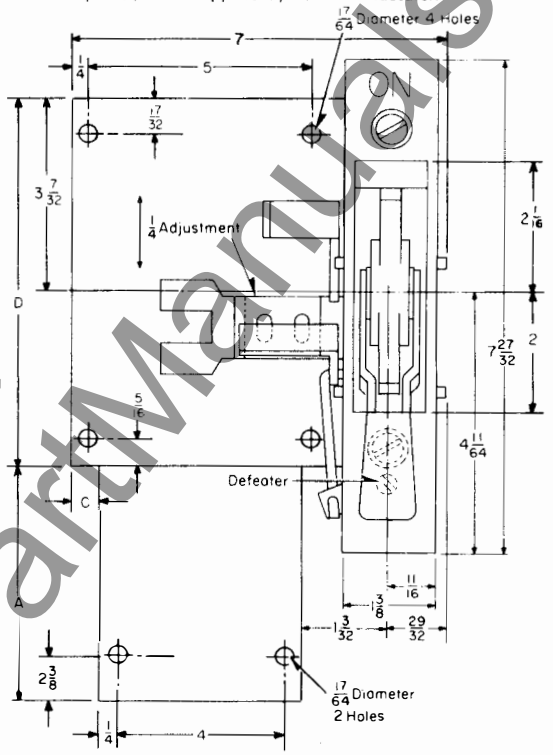
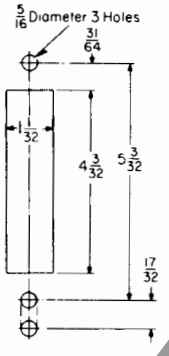


Fig. 2 Dress Nameplate

Flange Cutouts

For Standard Nameplate



For Dress Nameplate

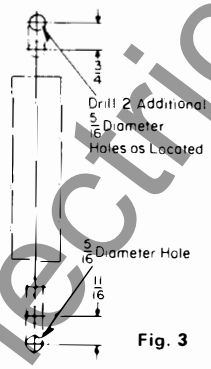


Fig. 3

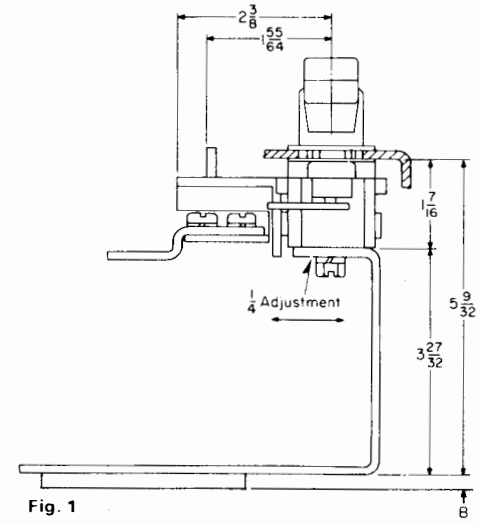


Fig. 1

SM Safety Handle Mechanisms

Catalog Number	Disconnect	Dimension A	B	C	D	Fuse
SM150R	EB, EHB, FB, HFB Breakers DS 16U, DS 26U, DS 36U Switches	..	..	..	5 27/32	..
SM100SFR	DS 121	1 13/16	⅛	½	5 27/32	Class H
SM100SFR	DS 122, DS 222	2 1/16	⅛	½	5 27/32	Class H
SM100SFR	DS 161	4 13/16	⅛	½	5 27/32	Class H
SM100SFR	DS 161, DS 262	2 1/16	⅛	½	5 27/32	Class J
SM100SFR	DS 162, DS 262	5 3/16	⅛	½	5 27/32	Class H
SM100SFR	DS 363	4 15/16	⅛	½	5 27/32	Class H, 250V.
SM100SFR	DS 363, DS 263	6 15/16	⅛	½	5 27/32	Class H, 600V.
SM100SFR	DS 363	3 11/16	⅛	½	5 27/32	Class J
SM101PR	FB Tri-Pac, FB Breaker with Current Limiter	..	..	..	8⅝	..

Reproduced From Drawing 377D721

Note:
For recommended enclosure dimensions, refer to page 8.
For door hardware dimensions, refer to pages 9-12.
Dimensions for Left Hand Mechanism same as shown except opposite view.

June, 1972
Supersedes Dimension Sheet 29-570, pages 3-4, dated November, 1969
E, D, C/1901, 1902/DB, DS

Handle Mechanisms

SM225, SM400, SM800 for KA, LA, MA,
LA TRI-PAC Breakers

Style Number 623B214G02 door operated interlock defeater kit (field mounted)—required when door hardware is not used—operates as door closes. Additional door securing means such as a screw latch or similar device also required; to be supplied by box manufacturer.

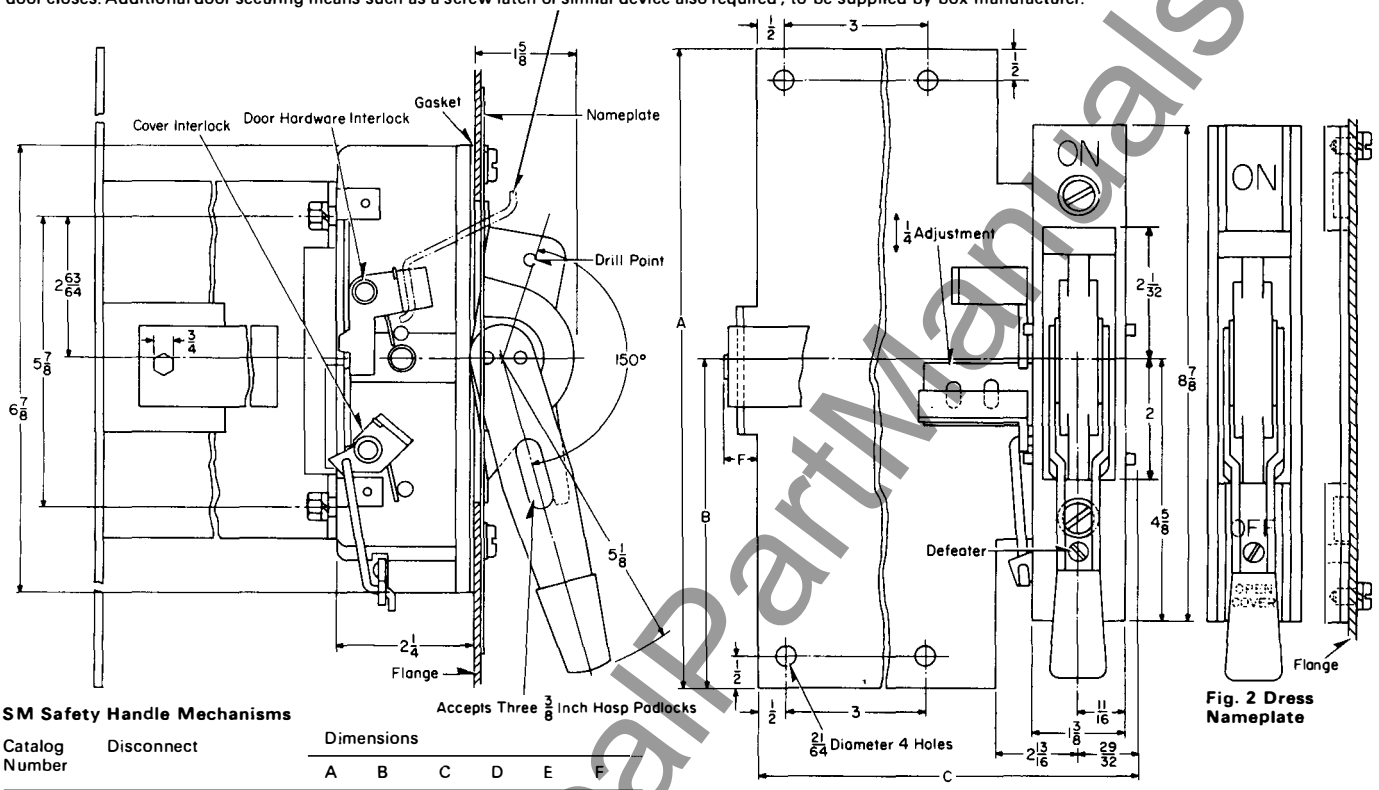


Fig. 2 Dress Nameplate

SM Safety Handle Mechanisms

Catalog Number	Disconnect	Dimensions A	B	C	D	E	F
SM225R	JA-KA Breaker	12 1/8	6 5/16	7 7/8	5 5/16	7 5/16	3/64
SM400R	LA Breaker	12 3/4	6 1/8	9 31/64	5 5/16	7 5/16	2
SM800R	MA Breaker	18	7 49/64	9 31/64	5 27/32	7 27/32	2
SM400PR	LA Tri-Pac Breaker	18	11 3/8	9 31/64	5 5/16	7 5/16	2
SM800PR	NB Tri-Pac Breaker	24	13 45/64	9 31/64	6 53/64	8 53/64	2
SM1200R	NB 1200 Amp. Breaker	18	7 49/64	9 31/64	6 53/64	8 53/64	2
SM200 SFR	DS 200 Fusible	17 31/32	12 1/4	7 15/16	6 5/64	8 5/64	3/64
SM200SR	DS 200 Non-Fusible	9 15/16	4 7/32	7 15/16	6 5/64	8 5/64	3/64

Note:
For recommended enclosure dimensions, refer to page 8.
For door hardware dimensions, refer to pages 9-12.
Dimensions for Left Hand Mechanism same as shown except opposite view.

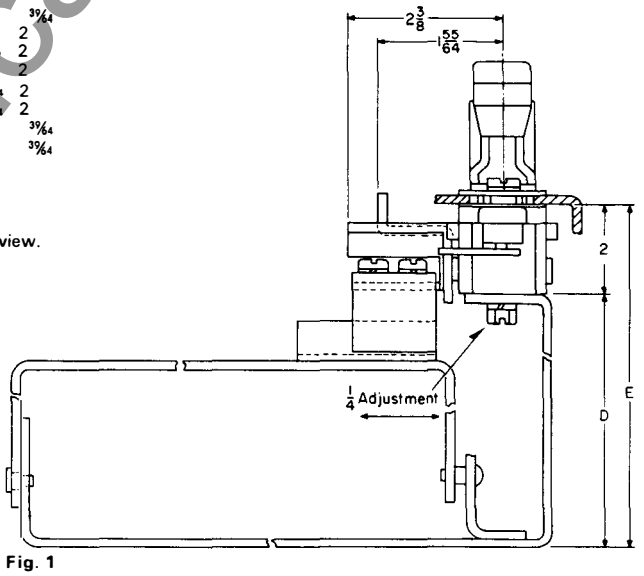
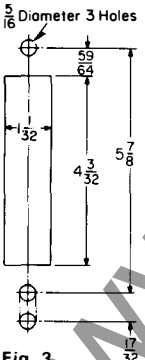


Fig. 1

Flange Cutouts

For Standard Nameplate



For Dress Nameplate

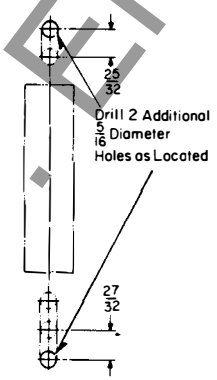


Fig. 3

Reproduced From Drawing 376D887

Westinghouse Electric Corporation
Low Voltage Breaker Division, Beaver, Pa. 15009
Printed in USA

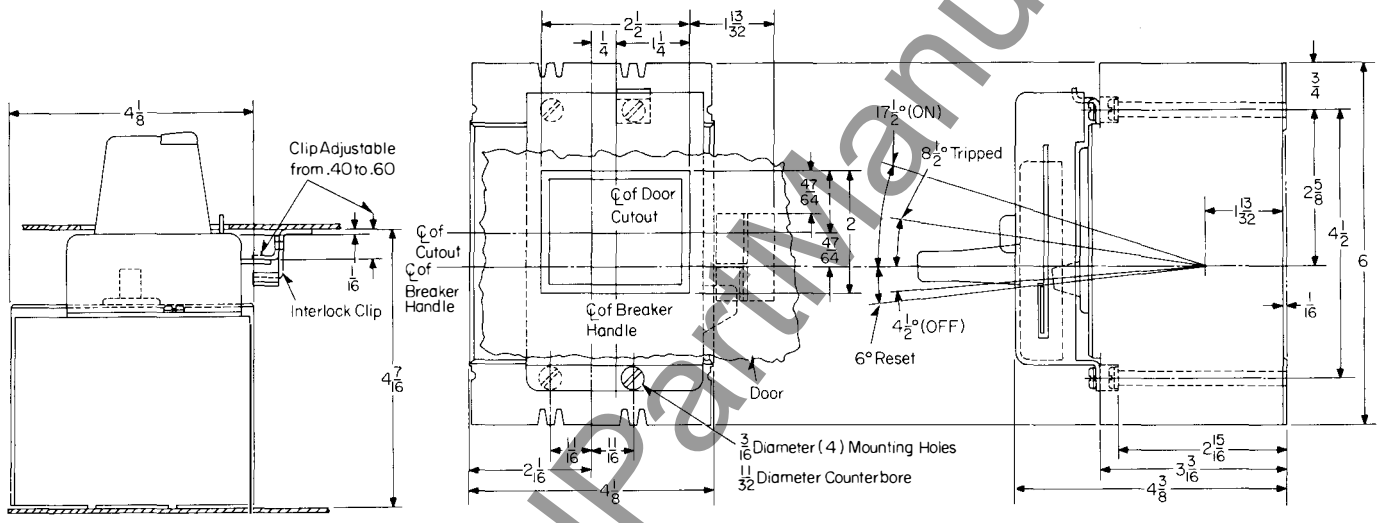
August, 1989
Supersedes Dimension Sheet 29-570, pages 5-6, dated June, 1972
Mailed to: E, D, C/29-500A

Type MC for Series C "F" Frame, EB, EHB, FB, HFB, FB TRI-PAC® Breakers, HMCP and MCP Motor Circuit Protector

Type MC for 30, 60, 100 and 200 Ampere DS Switches

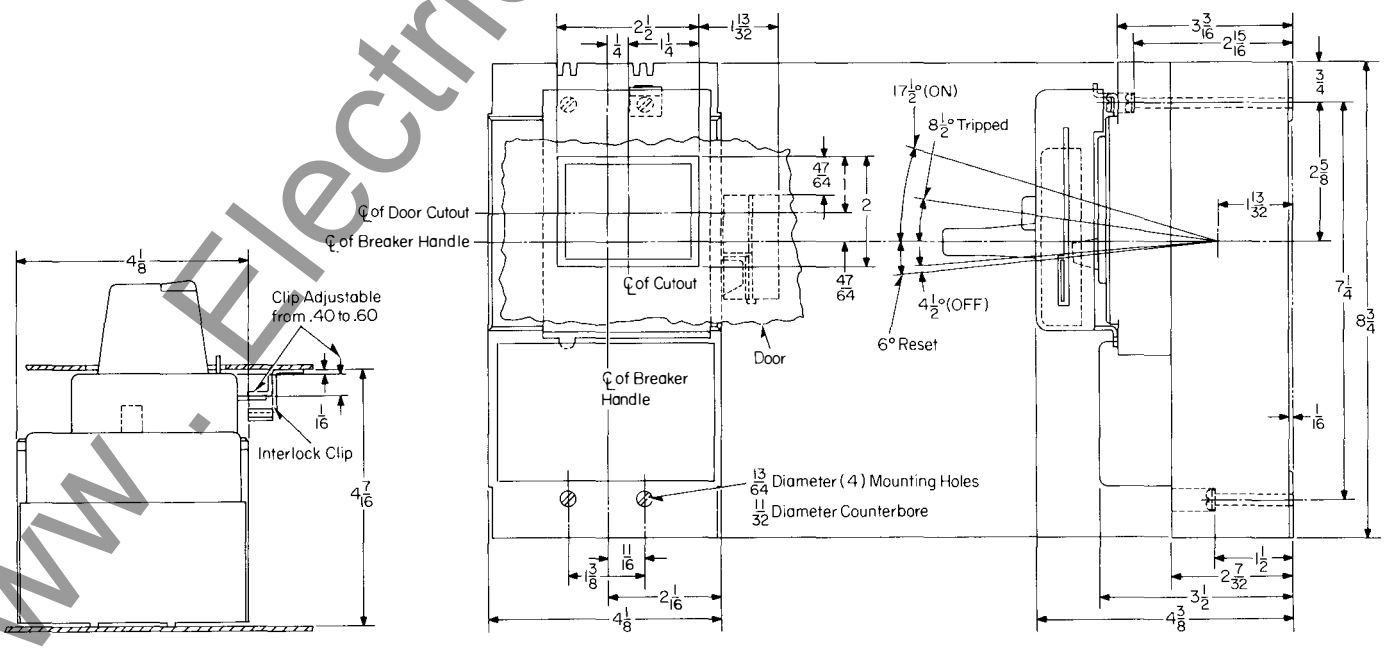
Handle Mechanisms

For Series C "F" Frame, EB, EHB, FB, HFB Breakers, HMCP, and MCP Motor Circuit Protectors (150 Amp Max.)



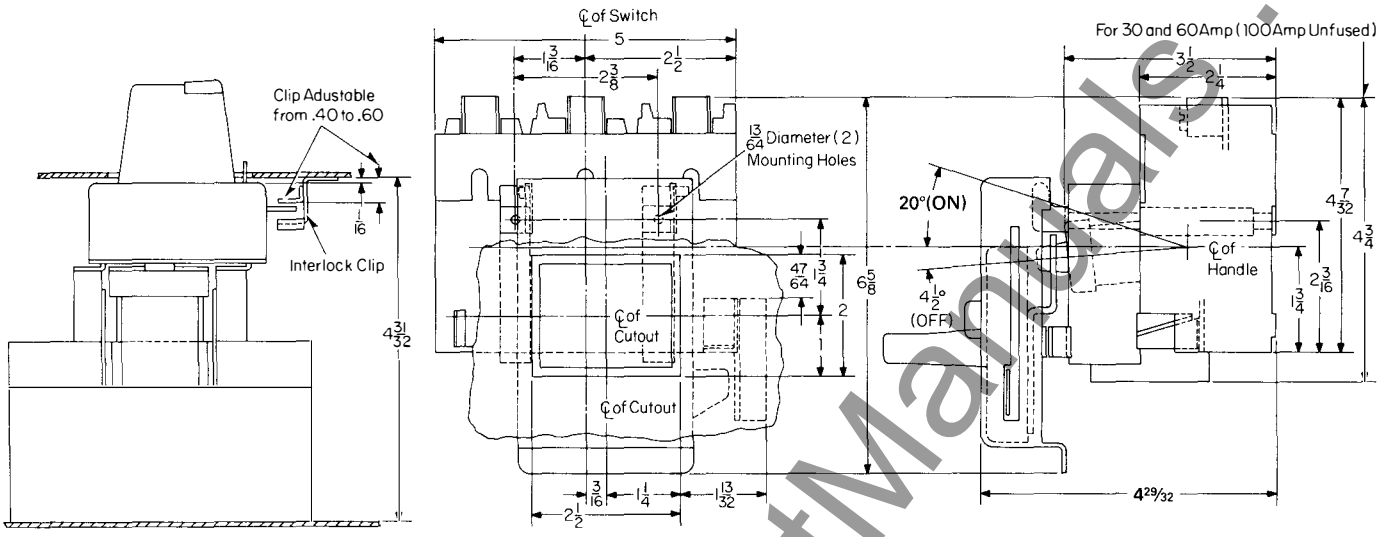
Reproduced from Drawing 180C178

For FB TRI-PAC Breakers



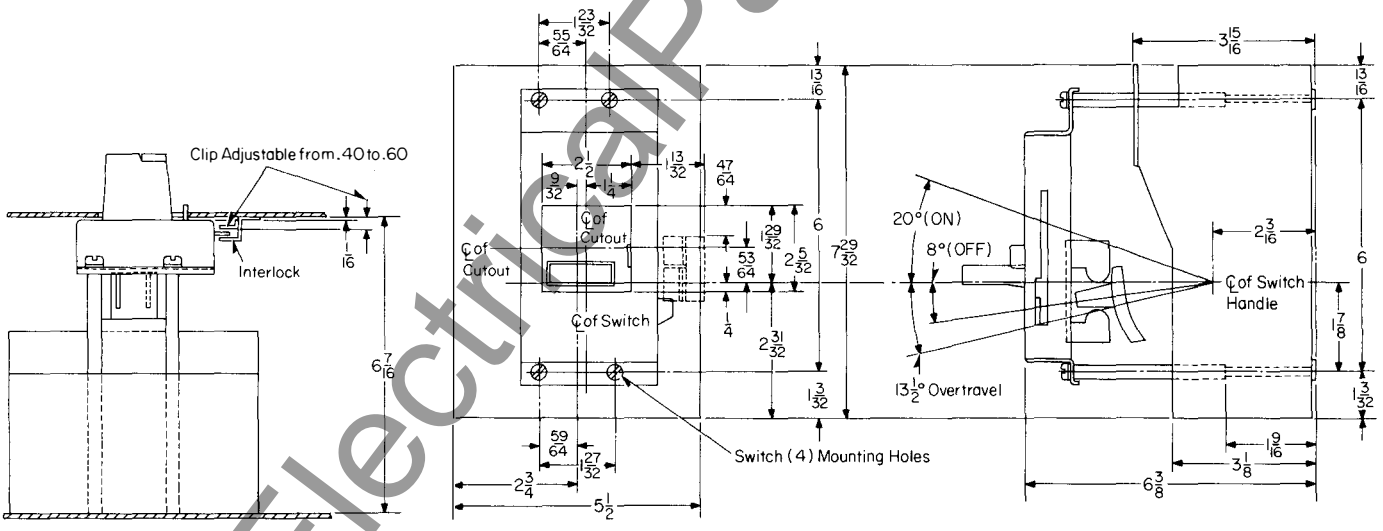
Reproduced from Drawing 180C179

For 30, 60 and 100 Ampere DS Switches



Reproduced from Drawing 180C177

For 200 Ampere DS Switches



Reproduced from Drawing 180C193

Westinghouse Electric Corporation
Distribution and Control Business Unit
Electrical Components Division
Pittsburgh, Pennsylvania, U.S.A. 15220

Printed in U.S.A.

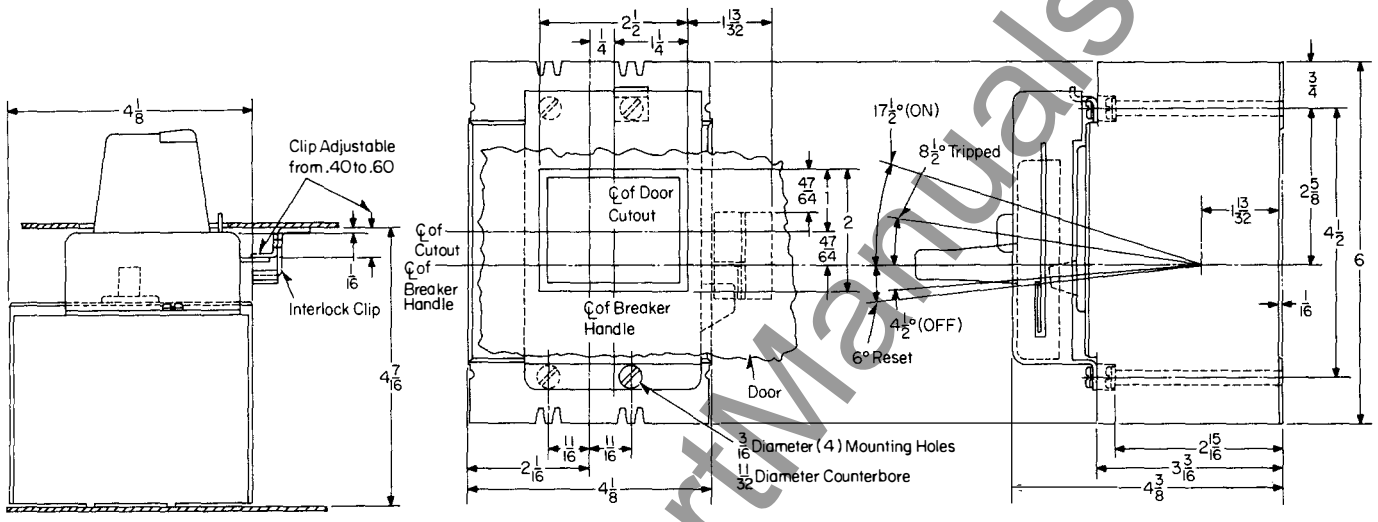
August, 1989

Westinghouse

Handle Mechanisms

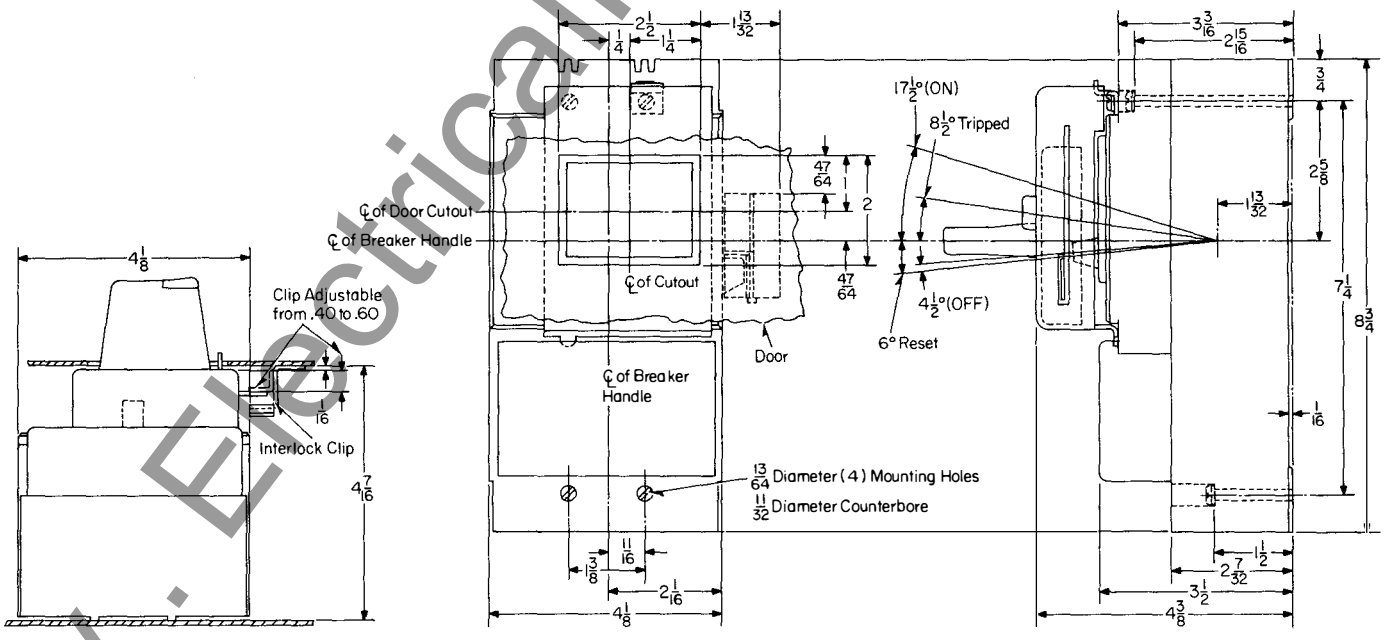
Type MC for EB, EHB, FB, HFB, FB TRI-PAC® Breakers and MCP Motor Circuit Protector

For EB, EHB, FB, HFB Breakers and MCP Motor Circuit Protector



Reproduced from Drawing 180C178

For FB TRI-PAC Breakers



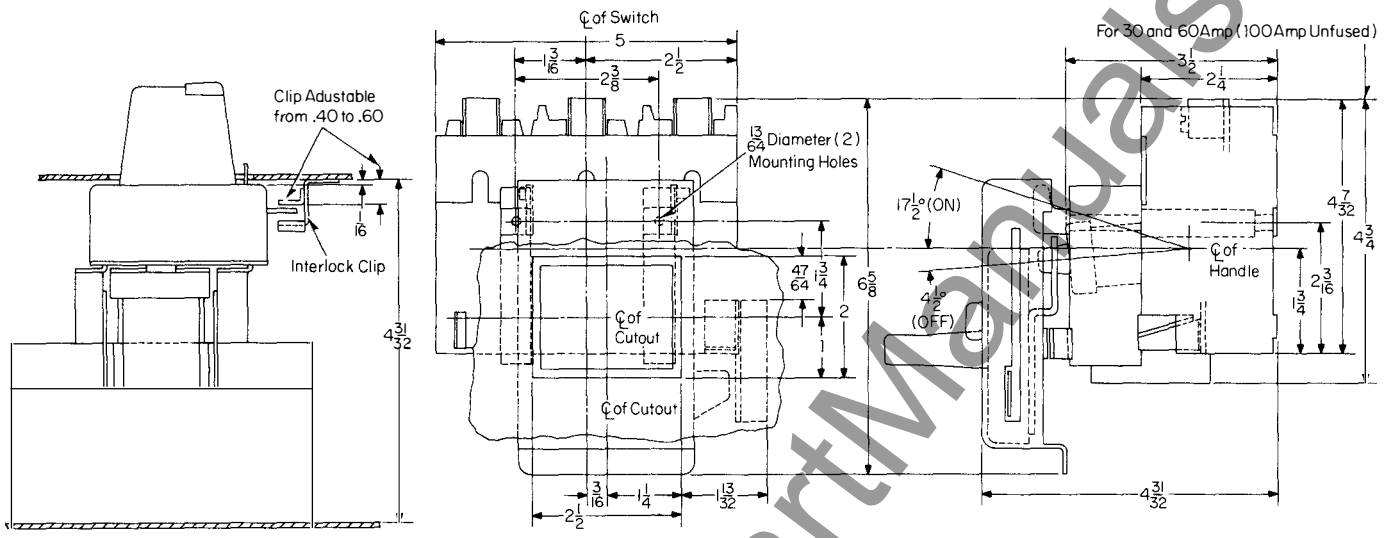
Reproduced from Drawing 180C179

June, 1972
Supersedes Dimension Sheet 29-570, pages 5-6, dated November, 1969
E, D, C/1901, 1902/DB, DS

Handle Mechanisms

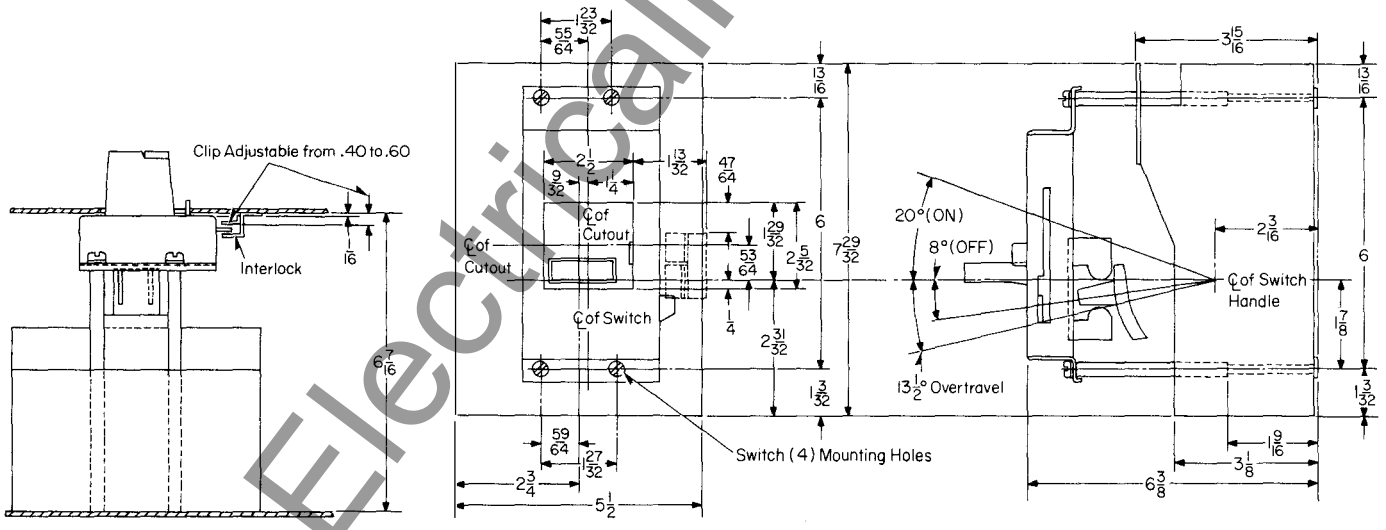
Type MC for 30, 60, 100 and 200
Ampere DS Switches

For 30, 60 and 100 Ampere DS Switches



Reproduced from Drawing 180C177

For 200 Ampere DS Switches



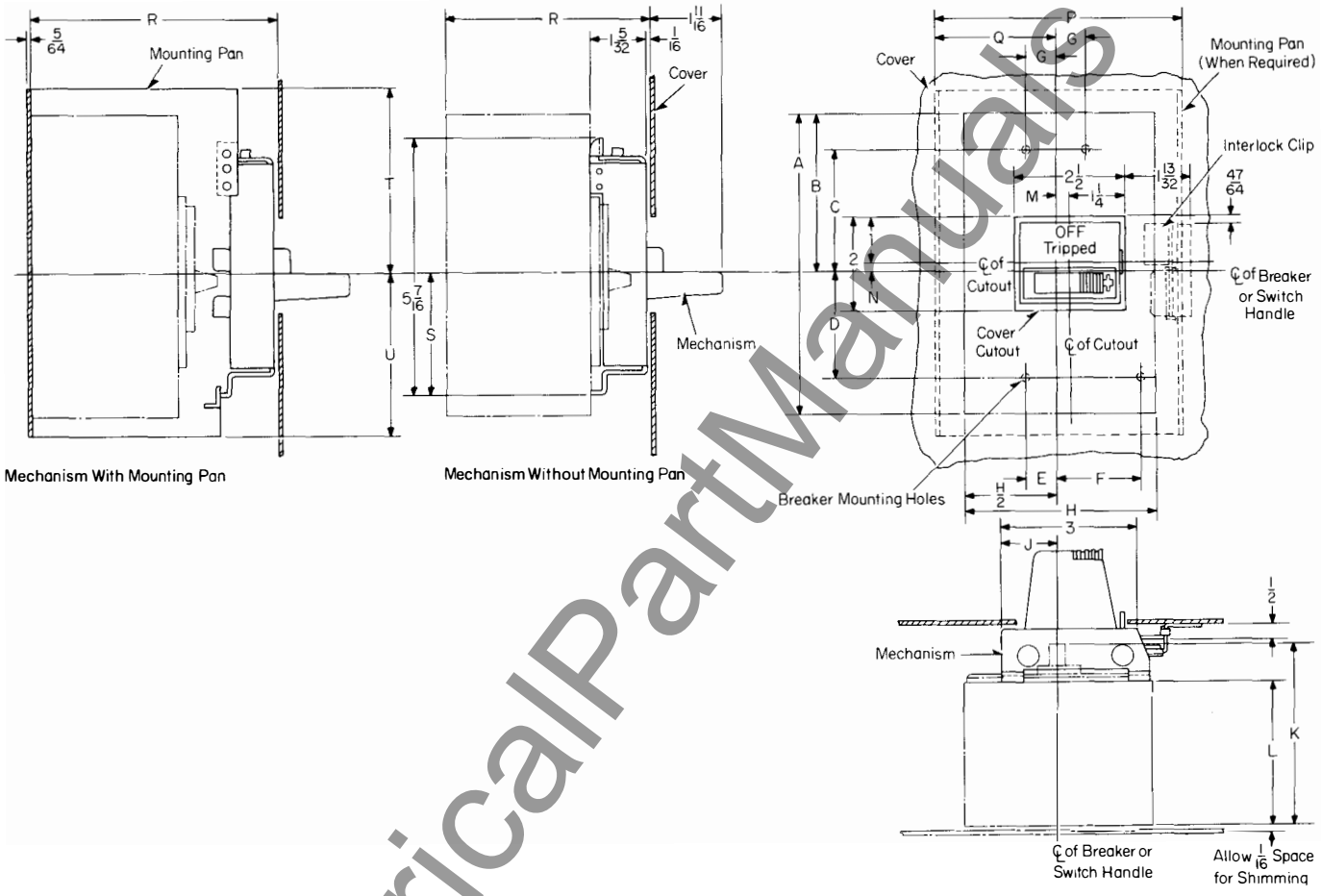
Reproduced from Drawing 180C193

Westinghouse Electric Corporation
Low Voltage Breaker Division, Beaver, Pa. 15009
Printed in USA

Westinghouse

Handle Mechanisms

Type MC for 30, 60, 100 Ampere De-ion® Switches



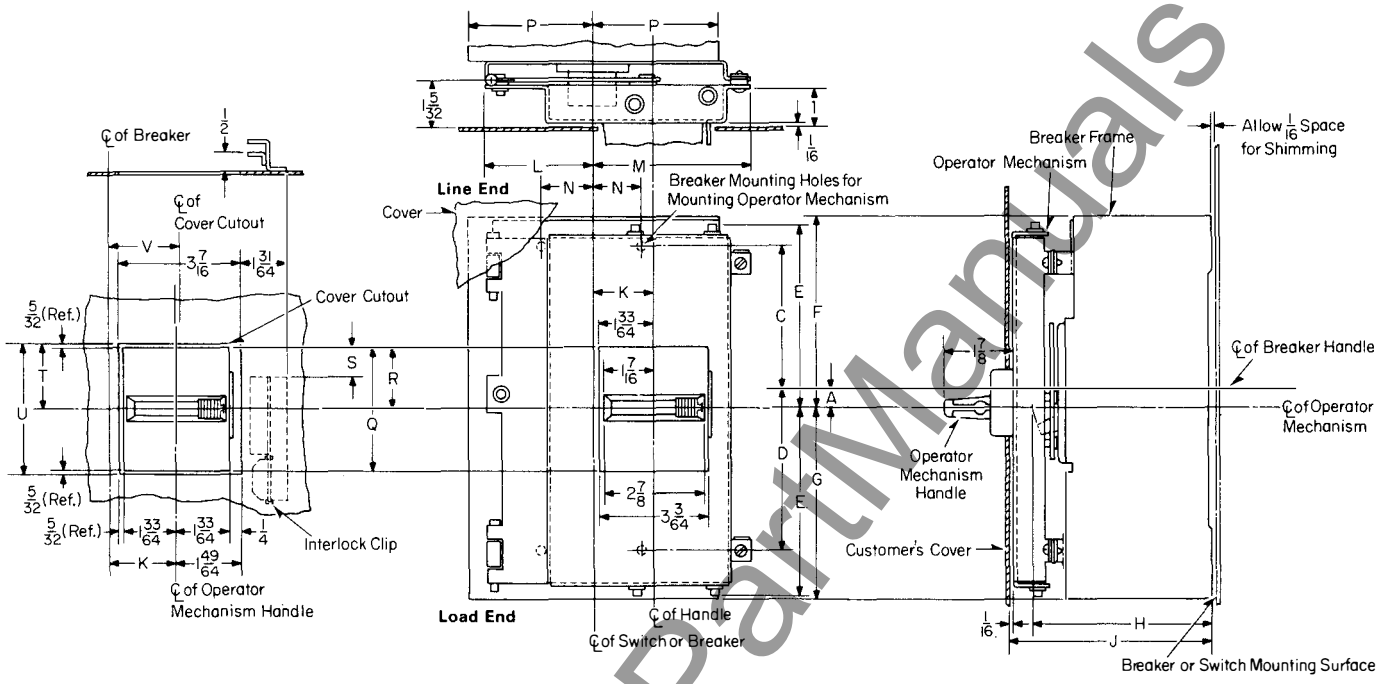
Catalog Number NEMA 1	NEMA 12	Breaker or Switch	Dimension A	B	C	D	E	F	G	H	J	K
SMC060D	CMC060D	30-60 Amp De-ion Switch	4	2 5/8	2 1/32	1 3/32	. . .	3/4	1 1/16	4 1/16	1 3/32	4 13/16
SMC100D	CMC100D	100 Amp De-ion Switch	6 1/16	4 3/32	3 19/32	1 11/32	13/16	13/16	13/16	4 15/16	1 3/32	4 13/16

Catalog Number NEMA 1	NEMA 12	Breaker or Switch	Dimension L	M	N	P	Q	R	S	T	U
SMC060D	CMC060D	30-60 Amp De-ion Switch	2 15/16	1/4	21/32	4 23/64	2 3/16	5 9/32	2 9/64	2 29/32	1 3/32
SMC100D	CMC100D	100 Amp De-ion Switch	3 1/8	1/4	21/32	5 7/32	2 39/64	5 9/32	2 9/64	3 27/32	1 49/64

June, 1972
New Information
E, D, C/1901, 1902/DB, DS

Handle Mechanisms

Type MC for JA, KA, DA, LB, LBB, HKA and HLB Breakers



Front Cover Cutout

Reproduced from Drawing 176C232

Catalog Number NEMA 1	Catalog Number NEMA 12	Breaker or Switch	Dimension A	B	C	D	E	F	G	H	J	K
SMC225KA	CMC225KA	JA, KA, DA, LB, LBB, HKA, HLB	7/16	..	3 31/32	4 19/32	5 7/64	5 1/4	4 7/8	4 13/16	5 5/8	1 19/32

Catalog Number NEMA 1	Catalog Number NEMA 12	Breaker or Switch	Dimension L	M	N	P	Q	R	S	T	U	V
SMC225KA	CMC225KA	JA, KA, DA, LB, LBB, HKA, HLB	3 9/64	4 1/4	55/64	2 3/4	3 1/2	1 3/4	1 1/32	1 29/32	3 51/64	1 41/64

Westinghouse

Handle Mechanisms

DH1R, DH1L Door Hardware

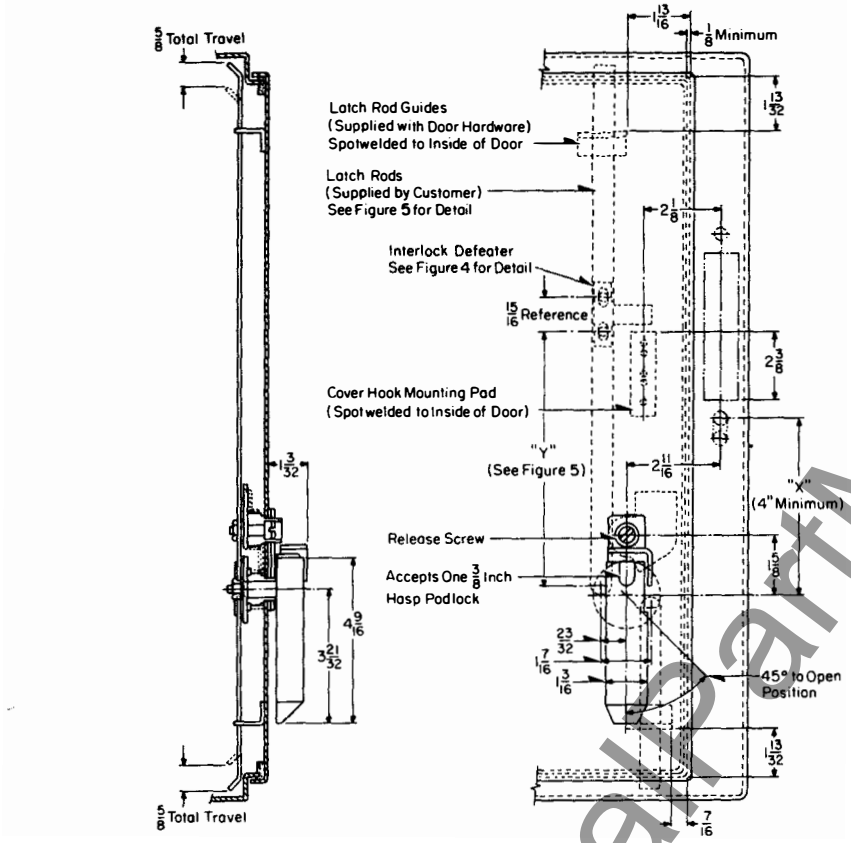


Fig. 1 Cat. No. DH1R

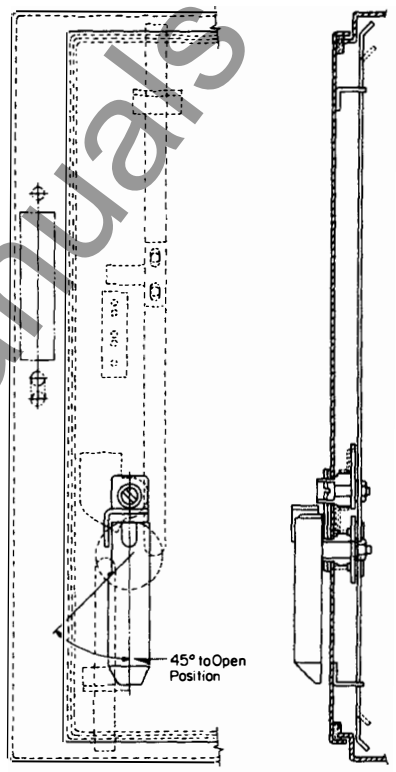


Fig. 2 Cat. No. DH1L

Door Drilling

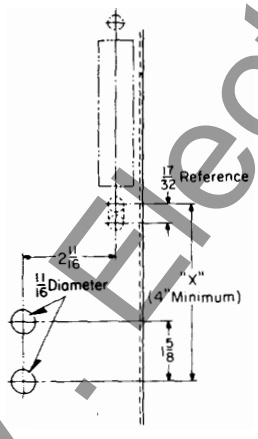
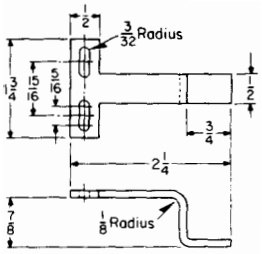


Fig. 3

Interlock Defeaters
(one each supplied with door hardware.)
For SM200 and Larger Mechanisms



For SM100 Mechanisms and MD Switches

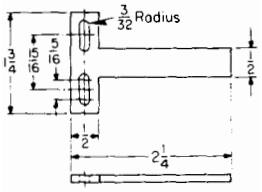


Fig. 4

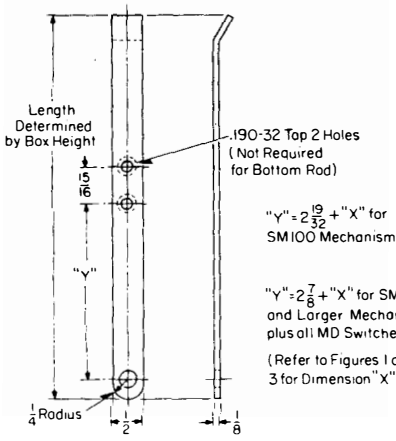


Fig. 5

January, 1969
New Information
E, D, C/1901, 1902/DB, DS

Handle Mechanisms

DH2R, DH2L Door Hardware

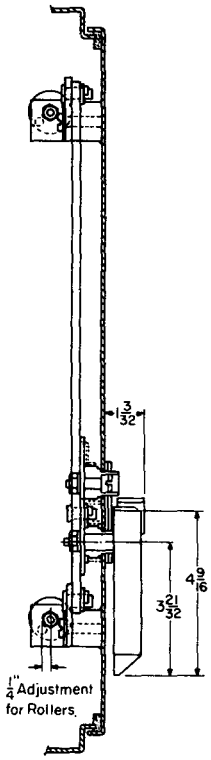
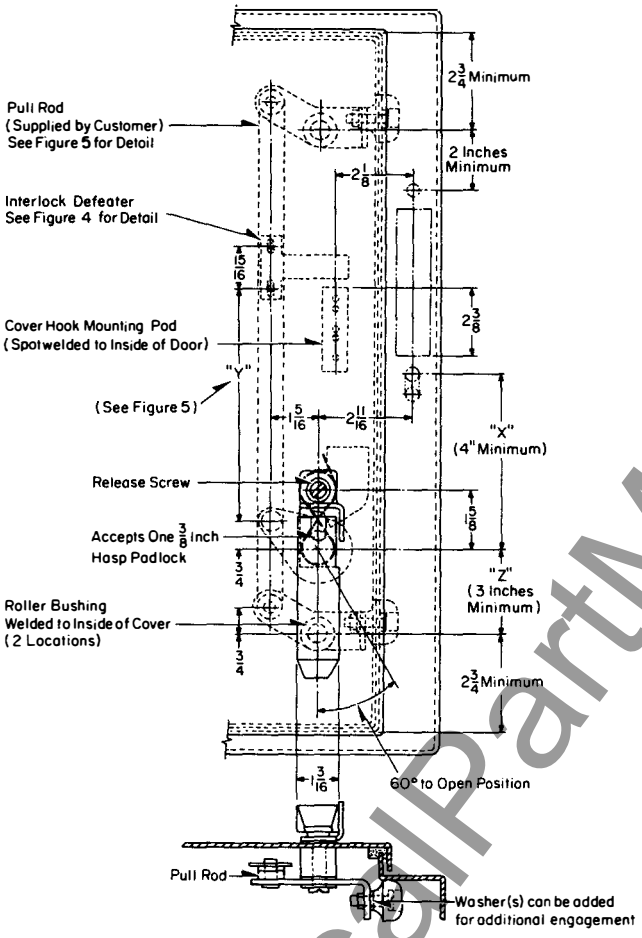


Fig. 1 Cat. No. DH2R



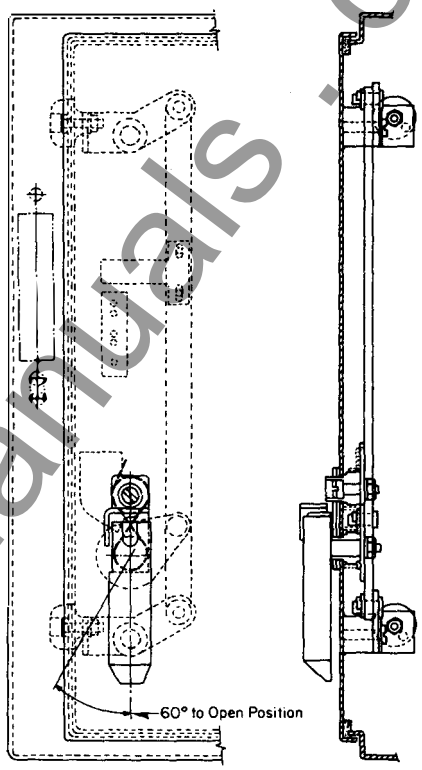


Fig. 2 Cat. No. DH2L

Door Drilling

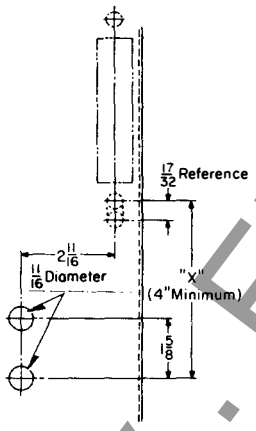
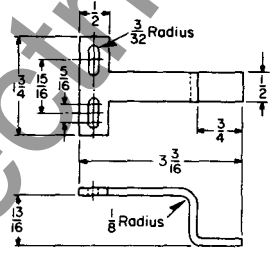


Fig. 3

Interlock Defeaters
(one each supplied with door hardware.)
For SM200 and Larger Mechanisms



For SM100 Mechanisms and MD Switches

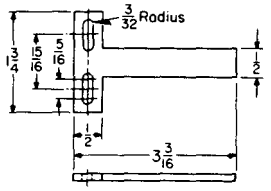


Fig. 4

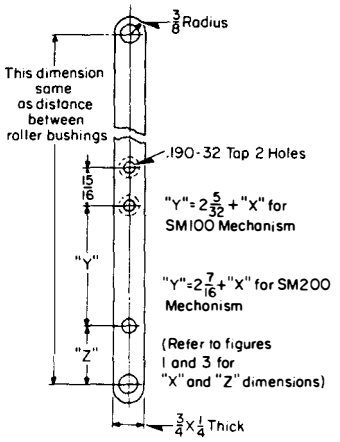


Fig. 5

Westinghouse

Handle Mechanisms

DH3R, DH3L Door Hardware

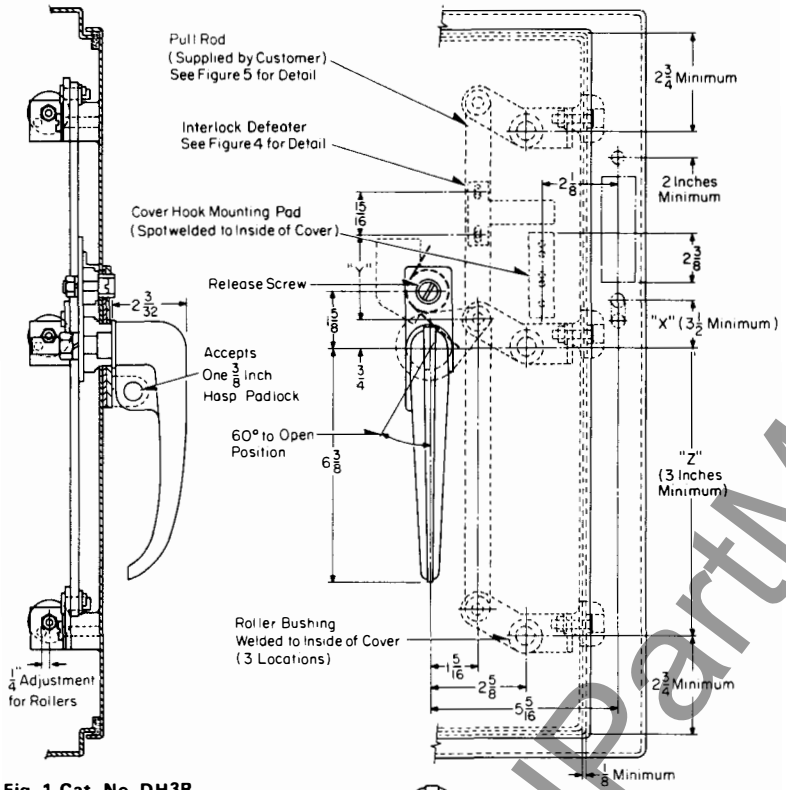
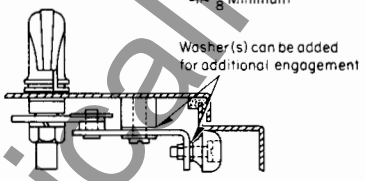


Fig. 1 Cat. No. DH3R



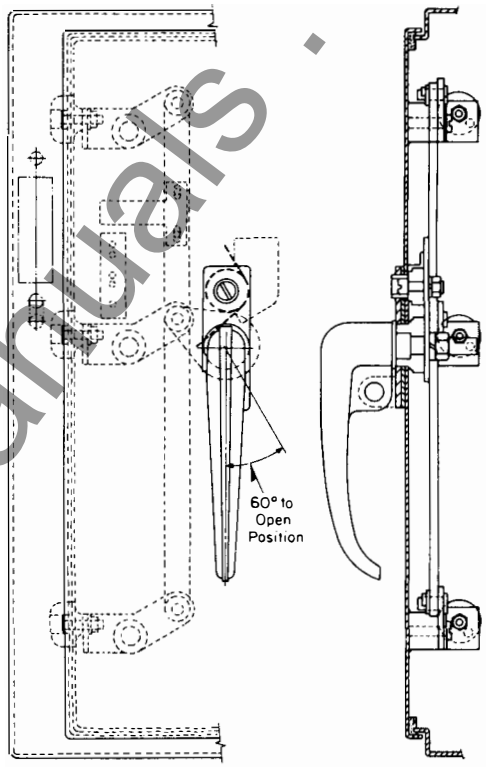


Fig. 2 Cat. No. DH3L

Door Drilling

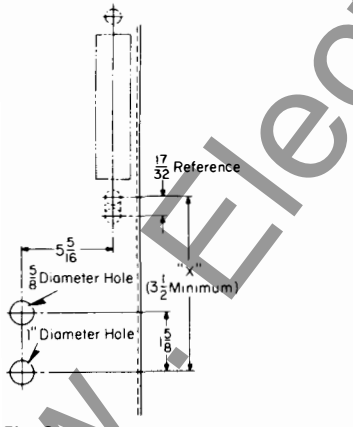
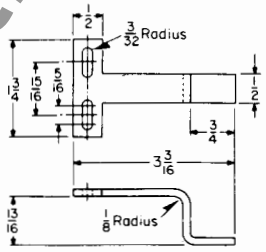


Fig. 3

Interlock Defeaters

(one each supplied with door hardware.)
For SM200 and Larger Mechanisms



For SM100 Mechanisms and MD Switches

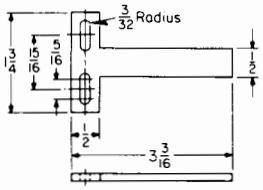


Fig. 4

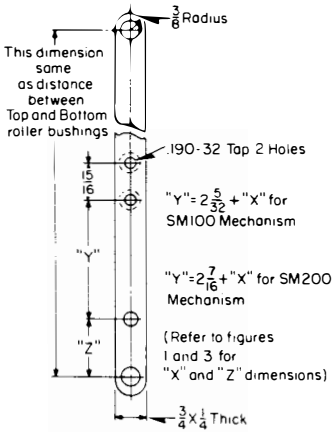


Fig. 5

January, 1969
New Information
E, D, C/1901, 1902/DB, DS

Handle Mechanisms

DH4R, DH4L Door Hardware

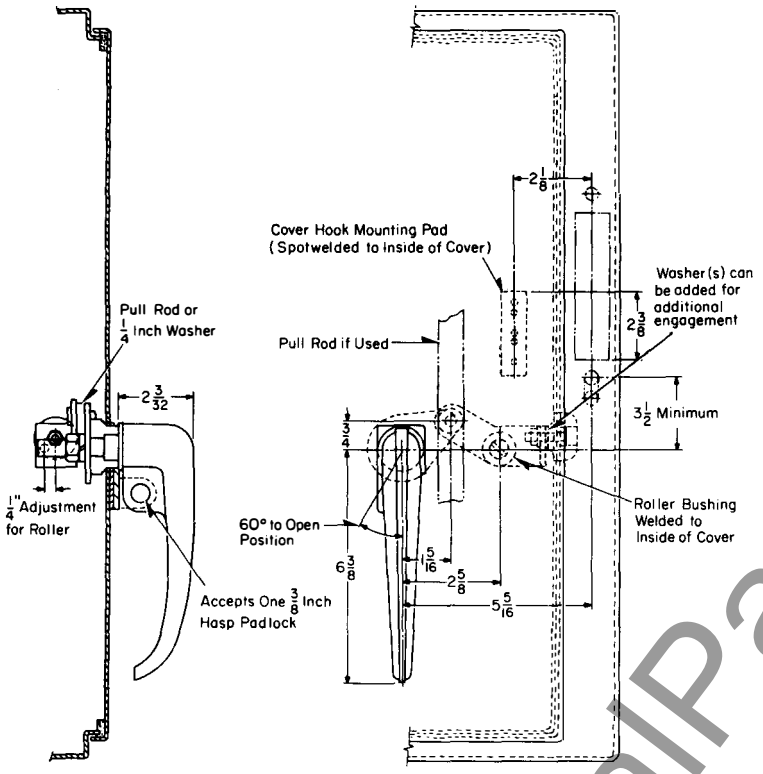


Fig. 1 Cat. No. DH4R

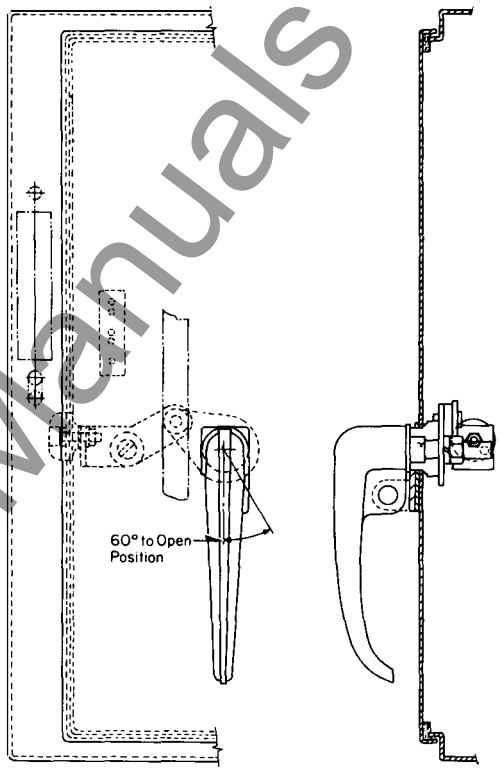


Fig. 2 Cat. No. DH4L

Door Drilling

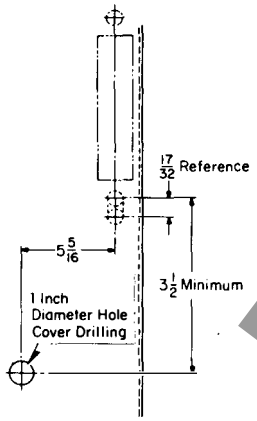


Fig. 3