

Masterpact™ NT/NW

Universal Power Circuit Breakers

Pricing Guide

0613PL0001 R07/13

2013

Class 613



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Introduction

This document is intended to provide pricing for a complete circuit breaker with cradle and required accessories, as well as field-installable accessory kits. Refer to the Masterpact NT/NW Universal Power Circuit Breaker Catalog (0613CT0001) for product descriptions.

For assistance in creating a complete breaker and cradle catalog number, please contact your nearest Square D/Schneider Electric sales office.

To price a complete circuit breaker, first determine the rating required:

ANSI C37/UL 1066 (page 3)

UL 489 (page 8)

IEC 60947-2 (page 13)

Then include:

1. Basic Block
2. Cradle (for drawout circuit breaker)
3. Circuit Breaker/Cradle Connectors
4. Trip Unit and Options (page 17)

Optional:

1. Circuit Breaker Accessories (page 19)
2. Cradle Accessories (page 20)
3. Miscellaneous Accessories (page 22)

Please see Appendix A (pages 25–27) for a request for quotation form.

ANSI C37/UL 1066 Rated

Basic Block

Please contact your nearest Square D/Schneider Electric sales office for assistance in building a complete circuit breaker or switch catalog number.

Table 1: T-, W-, and Y-Frame Drawout Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Sensor Plug (A)	\$ Price		
		254 V	508 V	635 V		3-Pole	4-Pole	
T-Frame								
800	NT08N1	42	42	—	100,250,400,600,800	11726.00	17588.00	
W-Frame								
800	NW08N1	42	42	42	100, 250, 400, 600, 800	13028.00	19542.00	
	NW08H1	65	65	65	100, 250, 400, 600, 800	14942.00	22412.00	
	NW08H2	85	85	85	100, 250, 400, 600, 800	18026.00	27040.00	
	NW08H3	100	100	85	100, 250, 400, 600, 800	19626.00	29440.00	
	NW08L1	200	200	130	100, 250, 400, 600, 800	21226.00	N/A	
1600	NW08L1F	200	200	130	100, 250, 400, 600, 800	22276.00	N/A	
	NW16N1	42	42	42	800, 1000, 1200, 1600	20256.00	30384.00	
	NW16H1	65	65	65	800, 1000, 1200, 1600	24152.00	36230.00	
	NW16H2	85	85	85	800, 1000, 1200, 1600	27980.00	41970.00	
	NW16H3	100	100	85	800, 1000, 1200, 1600	33470.00	50204.00	
2000	NW16L1	200	200	130	800, 1000, 1200, 1600	38960.00	N/A	
	NW16L1F	200	200	130	800, 1000, 1200, 1600	40010.00	N/A	
	NW20H1	65	65	65	1000, 1200, 1600, 2000	28486.00	42728.00	
	NW20H2	85	85	85	1000, 1200, 1600, 2000	38556.00	57834.00	
	NW20H3	100	100	85	1000, 1200, 1600, 2000	41812.00	62714.00	
3200	NW20L1	200	200	130	1000, 1200, 1600, 2000	45064.00	N/A	
	NW20L1F	200	200	130	1000, 1200, 1600, 2000	46114.00	N/A	
	NW32H1	65	65	65	1600, 2000, 2500, 3000, 3200	48124.00	72184.00	
	NW32H2	85	85	85	1600, 2000, 2500, 3000, 3200	61336.00	92002.00	
Y-Frame	NW32H3	100	100	85	1600, 2000, 2500, 3000, 3200	68696.00	103040.00	
	3200	NW32L1	200	200	130	1600, 2000, 2500, 3000, 3200	76056.00	N/A
	4000	NW40H2	85	85	85	2000, 2500, 3000, 3200, 4000	81252.00	121874.00
NW40H3		100	100	85	2000, 2500, 3000, 3200, 4000	91002.00	136498.00	
NW40L1		200	200	130	2000, 2500, 3000, 3200, 4000	122853.00	N/A	
5000	NW50H2	85	85	85	2500, 3000, 3200, 4000, 5000	95242.00	143132.00	
	NW50H3	100	100	85	2500, 3000, 3200, 4000, 5000	106876.00	160308.00	
	NW50L1	200	200	130	2500, 3000, 3200, 4000, 5000	144283.00	N/A	
6000	NW60H2	85	85	85	3000, 3200, 4000, 5000, 6000	112068.00	168098.00	
	NW60H3	100	100	85	3000, 3200, 4000, 5000, 6000	129415.00	188272.00	
	NW60L1	200	200	130	3000, 3200, 4000, 5000, 6000	174711.00	N/A	

- ▲ Includes sensor plug.
- Tested to show the arc flash hazard risk category as referenced in NFPA70E.

Table 2: T-, W-, and Y-Frame Drawout Non-Automatic Switch

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Short-Time Rating (kA RMS)	\$ Price	
		254 V	508 V	635 V		3-Pole	4-Pole
T-Frame							
800	NT08NA	42	42	—	42	12588.00	18880.00
W-Frame							
800	NW08HA	65	65	65	65	14942.00	22412.00
1600	NW16HA	65	65	65	65	24152.00	36230.00
2000	NW20HA	65	65	65	65	28486.00	42728.00
3200	NW32HA	65	65	65	65	48124.00	72184.00
Y-Frame							
4000	NW40HA	85	85	85	85	81252.00	121874.00
5000	NW50HA	85	85	85	85	95424.00	143132.00
6000	NW60HA	85	85	85	85	112068.00	168098.00

- ▲ When used in conjunction with an overcurrent relay, circuit breaker, or fuse.
- Includes sensor plug.

ANSI C37/UL 1066 Rated

Table 3: W- and Y-Frame Drawout Automatic Switch

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Short-Time Rating (kA RMS)	\$ Price	
		254 V	508 V	635 V		3-Pole	4-Pole
W-Frame							
800	NW08HF	100	100	85	85	19626.00	29440.00
	NW08HC	200	200	130	30	21226.00	N/A
1600	NW16HF	100	100	85	85	33470.00	50204.00
	NW16HC	200	200	130	30	38960.00	N/A
2000	NW20HF	100	100	85	85	41812.00	62714.00
	NW20HC	200	200	130	30	45064.00	N/A
3200	NW32HF	100	100	85	85	68696.00	103040.00
Y-Frame							
3200	NW32HC	200	200	130	100	76056.00	N/A
4000	NW40HF	100	100	85	85	91002.00	136498.00
	NW40HC	200	200	130	100	100752.00	N/A
5000	NW50HF	100	100	85	85	106876.00	160308.00
	NW50HC	200	200	130	100	118326.00	N/A
6000	NW60HF	100	100	85	85	112068.00	168098.00
	NW60HC	200	200	130	100	138959.00	N/A

When used in conjunction with an overcurrent relay, circuit breaker, or fuse. Includes sensor plug.

Table 4: T-, W-, and Y-Frame Fixed Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Sensor Plug (A)	\$ Price	
		254 V	508 V	635 V		3-Pole	4-Pole
T-Frame							
800	NT08N1	42	42	—	100,250,400,600,800	9960.00	14938.00
W-Frame							
800	NW08N1	42	42	42	100, 250, 400, 600, 800	11856.00	17782.00
	NW08H1	65	65	65	100, 250, 400, 600, 800	13598.00	20396.00
	NW08H2	85	85	85	100, 250, 400, 600, 800	16406.00	24606.00
	NW08H3	100	100	85	100, 250, 400, 600, 800	17860.00	26790.00
1600	NW16N1	42	42	42	800, 1000, 1200, 1600	14382.00	21574.00
	NW16H1	65	65	65	800, 1000, 1200, 1600	17148.00	25722.00
	NW16H2	85	85	85	800, 1000, 1200, 1600	19866.00	29800.00
	NW16H3	100	100	85	800, 1000, 1200, 1600	23764.00	35646.00
2000	NW20H1	65	65	65	1000, 1200, 1600, 2000	19656.00	29482.00
	NW20H2	85	85	85	1000, 1200, 1600, 2000	26604.00	39906.00
	NW20H3	100	100	85	1000, 1200, 1600, 2000	28850.00	43272.00
3200	NW32H1	65	65	65	1600, 2000, 2500, 3000, 3200	42348.00	63520.00
	NW32H2	85	85	85	1600, 2000, 2500, 3000, 3200	53976.00	80962.00
	NW32H3	100	100	85	1600, 2000, 2500, 3000, 3200	60452.00	90676.00
4000	NW40BH1	65	65	65	2000, 2500, 3000, 3200, 4000	62566.00	N/A
	NW40BH2	85	85	85	2000, 2500, 3000, 3200, 4000	64680.00	N/A
	NW40BH3	100	100	85	2000, 2500, 3000, 3200, 4000	72442.00	N/A
Y-Frame							
4000	NW40H2	85	85	85	2000, 2500, 3000, 3200, 4000	68250.00	114562.00
	NW40H3	100	100	85	2000, 2500, 3000, 3200, 4000	76440.00	128308.00
5000	NW50H2	85	85	85	2500, 3000, 3200, 4000, 5000	93516.00	134544.00
	NW50H3	100	100	85	2500, 3000, 3200, 4000, 5000	104738.00	150690.00
6000	NW60H2	85	85	85	3000, 3200, 4000, 5000, 6000	110117.00	164075.00
	NW60H3	100	100	85	3000, 3200, 4000, 5000, 6000	127491.00	189962.00

Includes sensor plug.

ANSI C37/UL 1066 Rated**Table 5: T-, W-, and Y-Frame Fixed Non-Automatic Switch**

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Short-Time Rating (kA RMS)	\$ Price	
		254 V	508 V	635 V		3-Pole	4-Pole
T-Frame							
800	NT08NA	42	42	—	42	10150.00	15162.00
W-Frame							
800	NW08HA	65	65	65	65	13858.00	20702.00
1600	NW16HA	65	65	65	65	18116.00	27174.00
2000	NW20HA	65	65	65	65	19736.00	29602.00
3200	NW32HA	65	65	65	65	42430.00	63642.00
4000	NW40BHA	65	65	65	65	57034.00	N/A
Y-Frame							
4000	NW40HA	85	85	85	85	71638.00	107454.00
5000	NW50HA	85	85	85	85	84134.00	126198.00
6000	NW60HA	85	85	85	85	98810.00	148214.00

When used in conjunction with an overcurrent relay, circuit breaker, or fuse.
Includes sensor plug.

Table 6: W- and Y-Frame Fixed Automatic Switch

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Short-Time Rating (kA RMS)	\$ Price	
		254 V	508 V	635 V		3-Pole	4-Pole
W-Frame							
800	NW08HF	100	100	85	85	17860.00	26790.00
1600	NW16HF	100	100	85	85	23764.00	35646.00
2000	NW20HF	100	100	85	85	28850.00	43272.00
3200	NW32HF	100	100	85	85	60452.00	90676.00
4000	NW40BHF	100	100	85	85	72442.00	N/A
Y-Frame							
4000	NW40HF	100	100	85	85	76440.00	128308.00
5000	NW50HF	100	100	85	85	104738.00	150690.00
6000	NW60HF	100	100	85	85	110491.00	164632.00

When used in conjunction with an overcurrent relay, circuit breaker, or fuse.
Includes sensor plug.

ANSI C37/UL 1066 Rated

Cradle

Please contact your nearest Square D/Schneider Electric sales office for assistance in building a complete circuit breaker or switch catalog number.

Table 7: Circuit Breaker/Switch

Frame Rating (A)	Model Number		Interrupting Rating / Withstand Rating (kA)			\$ Price	
	Circuit Breaker	Switch	254 V	508 V	635 V	3-Pole	4-Pole
T-Frame							
800	NT08N1	NT08NA	42	42	—	3440.00	5166.00
	NT08H1	NT08HA	42	42	—	3440.00	5166.00
W-Frame							
800	NW08N1	—	42	42	42	3822.00	5740.00
	NW08H1	NW08HA	65	65	65	3822.00	5740.00
	NW08H2	—	85	85	85	3822.00	5740.00
	NW08H3	NW08HF	100	100	85	3822.00	5740.00
	NW08L1	NW08HC	200	200	130	4544.00	N/A
	NW08L1F	—	200	200	130	4544.00	N/A
1600	NW16N1	—	42	42	42	3822.00	5740.00
	NW16H1	NW16HA	65	65	65	3822.00	5740.00
	NW16H2	—	85	85	85	3822.00	5740.00
	NW16H3	NW16HF	100	100	85	3822.00	5740.00
	NW16L1	NW16HC	200	200	130	4544.00	N/A
	NW16L1F	—	200	200	130	4544.00	N/A
2000	NW20H1	NW20HA	65	65	65	4250.00	6378.00
	NW20H2	—	85	85	85	4250.00	6378.00
	NW20H3	NW20HF	100	100	85	4250.00	6378.00
	NW20L1	NW20HC	200	200	130	4592.00	N/A
	NW20L1F	—	200	200	130	4592.00	N/A
3200	NW32H1	NW32HA	65	65	65	9754.00	14638.00
	NW32H2	—	85	85	85	9754.00	14638.00
	NW32H3	NW32HF	100	100	85	9754.00	14638.00
Y-Frame							
3200	NW32L1	NW32HC	200	200	130	12096.00	N/A
	NW40H2	NW40HA	85	85	85	16206.00	24318.00
4000	NW40H3	NW40HF	100	100	85	16206.00	24318.00
	NW40L1	NW40HC	200	200	130	20094.00	N/A
5000	NW50H2	NW50HA	85	85	85	28856.00	43284.00
	NW50H3	NW50HF	100	100	85	28856.00	43284.00
	NW50L1	NW50HC	200	200	130	29580.00	N/A
6000	NW60H2	NW60HA	85	85	85	37068.00	55602.00
	NW60H3	NW60HF	100	100	85	37068.00	55602.00
	NW60L1	NW60HC	200	200	130	43480.00	N/A

Circuit Breaker/Cradle Connectors

For a complete connector set, order both the "Top" and "Bottom" connector kits. Kits for use on both fixed and drawout circuit breakers unless noted.

Table 8: Connectors

Connector	Frame Rating	Location	Kit Catalog Number■	Kit \$ Price / Circuit Breaker Price Adder	
				3-Pole	4-Pole
T-Frame					
Front Connected Flat (FCF)	800–1200 A	Top	SFCF12	716.00	954.00
		Bottom	SFCF12	716.00	954.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–1200 A	Top	SRCTV12	408.00	544.00
		Bottom	SRCTV12	408.00	544.00
W- and Y- Frame					
Front Connected Flat (FCF)	800–2000 A	Top	SFCF20♦	926.00	1386.00
		Bottom	SFCF20B♦	868.00	1304.00
		Top	SFCF20FT★	1030.00	1534.00
		Bottom	SFCF20FB★	956.00	1434.00
	3200 A▲ 4000 A	Top	SFCF40	6252.00	9378.00
		Bottom	SFCF40	6252.00	9378.00
Front Connected T (FCT)	800–2000 A	Top	SFCT30♦	1466.00	2198.00
		Bottom	SFCT30♦	1466.00	2198.00
		Top	SFCT30★	1466.00	2198.00
		Bottom	SFCR30B★	1488.00	2234.00
	3200 A▲ 4000 A 5000 A	Top	SFCT50	7196.00	10796.00
		Bottom	SFCT50	7196.00	10796.00
Rear Connected Offset Vertical (RCOV)	2000 A▲ 3200 A	Top	SRCOV32T	3402.00	5104.00
		Bottom	SRCOV32B	2004.00	3006.00
	4000 A▼	Top	SRCOV40	4138.00	7078.00
		Bottom	SRCOV40	4138.00	5514.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–2000 A	Top	SRCTV20	796.00	1194.00
		Bottom	SRCTV20	796.00	1194.00
	3200 A▲ 4000 A 5000 A	Top	SRCTV50	5410.00	8114.00
		Bottom	SRCTV50	5410.00	8114.00
	6000 A	Top	SRCTVA60	14988.00	22480.00
		Bottom	SRCTVA60	14988.00	22480.00

L1/L1F only.
For a 4-pole connector kit, add the suffix (4) to the kit number (e.g. SFCF124).

- ♦ For drawout circuit breaker only.
- ★ For fixed circuit breaker only.
- ▼ For 4000 A W-frame fixed circuit breakers only.

ANSI C37/UL 1066 Rated

ArcBlok™ Circuit Breakers Basic Block

Please contact your nearest Square D/Schneider Electric sales office for assistance in building a complete circuit breaker or switch catalog number.

Table 9: ArcBlok W- and Y-Frame Drawout Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)▲			Sensor Plug (A)	\$ Price ■ 3-Pole
		254 V	508 V	635 V		
W-Frame						
800	NW08N1	42	42	42	100, 250, 400, 600, 800	14982.00
	NW08H1	65	65	65	100, 250, 400, 600, 800	17183.00
	NW08H2	85	85	85	100, 250, 400, 600, 800	20730.00
	NW08H3	100	100	85	100, 250, 400, 600, 800	22570.00
1600	NW16N1	42	42	42	800, 1000, 1200, 1600	23294.00
	NW16H1	65	65	65	800, 1000, 1200, 1600	27775.00
	NW16H2	85	85	85	800, 1000, 1200, 1600	32177.00
	NW16H3	100	100	85	800, 1000, 1200, 1600	38491.00
2000	NW20H1	65	65	65	1000, 1200, 1600, 2000	32759.00
	NW20H2	85	85	85	1000, 1200, 1600, 2000	44339.00
	NW20H3	100	100	85	1000, 1200, 1600, 2000	48084.00
3200	NW32H1	65	65	65	1600, 2000, 2500, 3000, 3200	55343.00
	NW32H2	85	85	85	1600, 2000, 2500, 3000, 3200	70536.00
	NW32H3	100	100	85	1600, 2000, 2500, 3000, 3200	79000.00
Y-Frame						
4000	NW40H2	85	85	85	2000, 2500, 3000, 3200, 4000	93440.00
	NW40H3	100	100	85	2000, 2500, 3000, 3200, 4000	104652.00
5000	NW50H2	85	85	85	2500, 3000, 3200, 4000, 5000	109528.00
	NW50H3	100	100	85	2500, 3000, 3200, 4000, 5000	122907.00

△ Includes sensor plug.

Table 10: ArcBlok W- and Y-Frame Drawout Non-Automatic Switch

Frame Rating (A)	Model Number	Interrupting Rating (kA)▲			Short-Time Rating (kA RMS)	\$ Price ■ 3-Pole
		254 V	508 V	635 V		
W-Frame						
800	NW08HA	65	65	65	65	17183.00
1600	NW16HA	65	65	65	65	27775.00
2000	NW20HA	65	65	65	65	32759.00
3200	NW32HA	65	65	65	65	55343.00
Y-Frame						
4000	NW40HA	85	85	85	85	93440.00
5000	NW50HA	85	85	85	85	109738.00

□ When used in conjunction with an overcurrent relay, circuit breaker, or fuse.

◇ Includes sensor plug.

Table 11: Arc-Blok W- and Y-Frame Drawout Automatic Switch

Frame Rating (A)	Model Number	Interrupting Rating (kA)▲			Short-time Rating (kA RMS)	\$ Price ■ 3-Pole
		254 V	508 V	635 V		
W-Frame						
800	NW08HF	100	100	85	85	22570.00
1600	NW16HF	100	100	85	85	38491.00
2000	NW20HF	100	100	85	85	48084.00
3200	NW32HF	100	100	85	85	79000.00
Y-Frame						
4000	NW40HF	100	100	85	85	104652.00
5000	NW50HF	100	100	85	85	122907.00

★ When used in conjunction with an overcurrent relay, circuit breaker, or fuse.

▽ Includes sensor plug.

ArcBlok Cradle

Please contact your nearest Square D/Schneider Electric sales office for assistance in building a complete circuit breaker or switch catalog number.

Table 12: Circuit Breaker/Switch

Frame Rating (A)	Model Number		Interrupting Rating / Withstand Rating (kA)			\$ Price 3-Pole
	Circuit Breaker	Switch	254 V	508 V	635 V	
W-Frame						
800	NW08N1	—	42	42	42	4395.00
	NW08H1	NW08HA	65	65	65	4395.00
	NW08H2	—	85	85	85	4395.00
	NW08H3	NW08HF	100	100	85	4395.00
1600	NW16N1	—	42	42	42	4395.00
	NW16H1	NW16HA	65	65	65	4395.00
	NW16H2	—	85	85	85	4395.00
	NW16H3	NW16HF	100	100	85	4395.00
2000	NW20H1	NW20HA	65	65	65	4888.00
	NW20H2	—	85	85	85	4888.00
	NW20H3	NW20HF	100	100	85	4888.00
3200	NW32H1	NW32HA	65	65	65	11217.00
	NW32H2	—	85	85	85	11217.00
	NW32H3	NW32HF	100	100	85	11217.00
Y-Frame						
4000	NW40H2	NW40HA	85	85	85	18637.00
	NW40H3	NW40HF	100	100	85	18637.00
5000	NW50H2	NW50HA	85	85	85	33184.00
	NW50H3	NW50HF	100	100	85	33184.00

UL 489 Rated

Basic Block

Table 13: T-, W-, and Y-Frame Fixed Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Sensor Plug (A)	\$ Price▲	
		240 V	480 V	600 V		3-Pole	4-Pole
T-Frame							
800	NT08N	50	50	35	100, 250, 400, 600, 800	8784.00	13172.00
	NT08H	65	50	50		9566.00	14350.00
	NT08L1	100	65	—		10418.00	N/A
	NT08L	200	100	—		11346.00	N/A
1200	NT12N	50	50	35	600, 800, 1000, 1200	10216.00	15326.00
	NT12H	65	50	50		10786.00	16178.00
	NT12L1	100	65	—		11384.00	N/A
	NT12L	200	100	—		12018.00	N/A
1600	NT16N	50	50	35	800, 1000, 1200, 1600	11608.00	17412.00
	NT16H	65	50	50		12178.00	18266.00
	NT16L1	100	65	—		12776.00	N/A
	NT16L	200	100	—		13648.00	N/A
W-Frame							
800	NW08N	65	65	50	100, 250, 400, 600, 800	11388.00	17082.00
	NW08H	100	100	85		12402.00	18608.00
1200	NW12N	65	65	50	600, 800, 1000, 1200	12840.00	19260.00
	NW12H	100	100	85		13554.00	20330.00
1600	NW16N	65	65	50	800, 1000, 1200, 1600	14312.00	21466.00
	NW16H	100	100	85		15104.00	22656.00
2000	NW20N	65	65	50	1000, 1200, 1600, 2000	17116.00	25674.00
	NW20H	100	100	85		18064.00	27096.00
2500	NW25H	100	100	85	1200, 1600, 2000, 2500	33068.00	49606.00
3000	NW30H	100	100	85	1600, 2000, 2500, 3000	42172.00	63258.00
Y-Frame							
4000	NW40H	100	100	85	2000, 2500, 3000, 4000	68568.00	114868.00
5000	NW50H	100	100	85	2500, 3000, 4000, 5000	90426.00	130838.00
6000	NW60H	100	100	85	3000, 4000, 5000, 6000	123832.00	179178.00

▲ Includes sensor plug.

Table 14: T-, W-, and Y-Frame Fixed Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)▲			Instantaneous Override (kA RMS)	\$ Price■	
		240 V	480 V	600 V		3-Pole	4-Pole
T-Frame							
800	NT08HF	65	50	50	40	11548.00	16330.00
	NT08HB	200	100	NA	10	13328.00	N/A
1200	NT12HF	65	50	50	40	12828.00	18222.00
	NT12HB	200	100	NA	10	14060.00	N/A
1600	NT16HF	65	50	50	40	14160.00	20246.00
	NT16HB	200	100	NA	10	15628.00	N/A
W-Frame							
800	NW08HF	100	100	85	40	14970.00	21176.00
1200	NW12HF	100	100	85	40	16122.00	22898.00
1600	NW16HF	100	100	85	40	17672.00	25226.00
2000	NW20HF	100	100	85	40	20632.00	29664.00
2500	NW25HF	100	100	85	65	35638.00	52174.00
3000	NW30HF	100	100	85	65	44740.00	65826.00
Y-Frame							
4000	NW40HF	100	100	85	75	74060.00	110836.00
5000	NW50HF	100	100	85	75	87022.00	130232.00
6000	NW60HF	100	100	85	75	142294.00	213436.00

▲ The withstand rating is the fault current (at rated voltage) that the switch will withstand without damage when protected by a circuit breaker with an equal continuous current rating.

■ Includes sensor plug.

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Table 15: T-, W-, and Y-Frame Drawout Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Sensor Plug (A)	\$ Price	
		240 V	480 V	600 V		3-Pole	4-Pole
T-Frame							
800	NT08N	50	50	35	100, 250, 400, 600, 800	10460.00	15692.00
	NT08H	65	50	50		11304.00	16956.00
	NT08L1	100	65	—		12216.00	N/A
	NT08L	200	100	—		17368.00	N/A
	NT08LF	200	100	—		18418.00	N/A
1200	NT12N	50	50	35	600, 800, 1000, 1200	15368.00	23050.00
	NT12H	65	50	50		15992.00	23986.00
	NT12L1	100	65	—		16640.00	N/A
	NT12L	200	100	—		24100.00	N/A
	NT12LF	200	100	—		25150.00	N/A
W-Frame							
800	NW08N	65	65	50	100, 250, 400, 600, 800	12560.00	18840.00
	NW08H	100	100	85		13572.00	20358.00
	NW08L	200	150	100		19296.00	N/A
	NW08LF	200	150	100		20346.00	N/A
1200	NW12N	65	65	50	600, 800, 1000, 1200	17768.00	26652.00
	NW12H	100	100	85		18488.00	27734.00
	NW12L	200	150	100		26778.00	N/A
	NW12LF	200	150	100		27828.00	N/A
1600	NW16N	65	65	50	800, 1000, 1200, 1600	20190.00	30284.00
	NW16H	100	100	85		20992.00	31488.00
	NW16L	200	150	100		35416.00	N/A
	NW16LF	200	150	100		36466.00	N/A
2000	NW20N	65	65	50	1000, 1200, 1600, 2000	24124.00	36188.00
	NW20H	100	100	85		27214.00	40820.00
	NW20L	200	150	100		40966.00	N/A
	NW20LF	200	150	100		42016.00	N/A
2500	NW25H	100	100	85	1200, 1600, 2000, 2500	36740.00	55110.00
	NW25L	200	150	100	47940.00	N/A	
3000	NW30H	100	100	85	1600, 2000, 2500, 3000	48176.00	72264.00
	NW30L	200	150	100	68892.00	N/A	
Y-Frame							
4000	NW40H	100	100	85	2000, 2500, 3000, 4000	81252.00	121878.00
	NW40L	200	150	100	109690.00	N/A	
5000	NW50H	100	100	85	2500, 3000, 4000, 5000	92550.00	138822.00
	NW50L	200	150	100	124943.00	N/A	
6000	NW60H	100	100	85	3000, 4000, 5000, 6000	126742.00	190108.00
	NW60L	200	150	100	171102.00	N/A	

Includes sensor plug.
Tested to show the arc flash hazard risk category as referenced in NFPA70E.

Table 16: T-, W-, and Y-Frame Drawout Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)			Instantaneous Override (kA RMS)	\$ Price	
		240 V	480 V	600 V		3-Pole	4-Pole
T-Frame							
800	NT08HF	65	50	50	40	13444.00	19096.00
	NT08HB	200	100	NA	10	19508.00	N/A
1200	NT12HF	65	50	50	40	18214.00	29118.00
	NT12HB	200	100	NA	10	26322.00	N/A
W-Frame							
800	NW08HF	100	100	85	40	16140.00	22926.00
	NW08HB	200	150	100	35	21864.00	N/A
1200	NW12HF	100	100	85	40	21056.00	30304.00
	NW12HB	200	150	100	35	29346.00	N/A
1600	NW16HF	100	100	85	40	23560.00	34056.00
	NW16HB	200	150	100	35	37984.00	N/A
2000	NW20HF	100	100	85	40	29782.00	43388.00
	NW20HB	200	150	100	35	43534.00	N/A
2500	NW25HF	100	100	85	65	39308.00	57678.00
	NW25HB	200	150	100	65	50508.00	N/A
3000	NW30HF	100	100	85	65	50744.00	74832.00
	NW30HB	200	150	100	65	71460.00	N/A
Y-Frame							
4000	NW40HF	100	100	85	75	84000.00	125996.00
	NW40HB	200	150	100	75	118936.00	N/A
5000	NW50HF	100	100	85	75	98700.00	148046.00
	NW50HB	200	150	100	75	138496.00	N/A
6000	NW60HF	100	100	85	75	161390.00	242078.00
	NW60HB	200	150	100	75	215888.00	N/A

The withstand rating is the fault current (at rated voltage) that the switch will withstand without damage when protected by a circuit breaker with an equal continuous current rating.
Includes sensor plug.

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Cradle

Table 17: T-, W-, and Y-Frame Circuit Breaker/ Automatic Switch

Frame Rating (A)	Model Number		Interrupting Rating / Withstand Rating (kA)			\$ Price	
	Circuit Breaker	Switch	240 V	480 V	600 V	3-Pole	4-Pole
T-Frame							
800	NT08N	—	50	50	35	3440.00	5166.00
	NT08H	NT08HF	65	50	50		
	NT08L1	—	100	65	—	3718.00	N/A
	NT08L	NT08HB	200	100	—		
	NT08LF	—	200	100	—	3718.00	N/A
1200	NT12N	—	50	50	35	3440.00	5166.00
	NT12H	NT12HF	65	50	50		
	NT12L1	—	100	65	—	3718.00	N/A
	NT12L	NT12HB	200	100	—		
	NT12LF	—	200	100	—	3718.00	N/A
W-Frame							
800	NW08N	—	65	65	50	3822.00	5734.00
	NW08H	NW08HF	100	100	85		
	NW08L	NW08HB	200	150	100	4130.00	N/A
	NW08LF	—	200	150	100		
1200	NW12N	—	65	65	50	3822.00	5734.00
	NW12H	NW12HF	100	100	85		
	NW12L	NW12HB	200	150	100	4130.00	N/A
	NW12LF	—	200	150	100		
1600	NW16N	—	65	65	50	3822.00	5734.00
	NW16H	NW16HF	100	100	85		
	NW16L	NW16HB	200	150	100	4130.00	N/A
	NW16LF	—	200	150	100		
2000	NW20N	—	65	65	50	4248.00	6372.00
	NW20H	NW20HF	100	100	85		
	NW20L	NW20HB	200	150	100	4590.00	N/A
	NW20LF	—	200	150	100		
2500	NW25H	NW25HF	100	100	85	7892.00	11838.00
	NW25L	NW25HB	200	150	100	8156.00	N/A
3000	NW30H	NW30HF	100	100	85	7892.00	11836.00
	NW30L	NW30HB	200	150	100	8156.00	N/A
Y-Frame							
4000	NW40H	NW40HF	100	100	85	14348.00	21518.00
	NW40L	NW40HB	200	150	100	14826.00	N/A
5000	NW50H	NW50HF	100	100	85	26730.00	40096.00
	NW50L	NW50HB	200	150	100	27626.00	N/A
6000	NW60H	NW60HF	100	100	85	35990.00	53982.00
	NW60L	NW60HB	200	150	100	37194.00	N/A

Circuit Breaker/Cradle Connectors

For a complete connector set, order both the “Top” and “Bottom” connector kits.

Table 18: T-, W-, and Y-Frame Fixed and Drawout

Connector	Frame Rating	Location	Kit Catalog Number	Kit \$ Price / Circuit Breaker Price Adder	
				3-Pole	4-Pole
T-Frame Fixed and Drawout					
Front Connected Flat (FCF)	800–1200 A	Top	SFCF12	716.00	954.00
		Bottom	SFCF12	716.00	954.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–1200 A	Top	SRCTV12	408.00	544.00
		Bottom	SRCTV12	408.00	544.00
Rear Connected T Vertical (RCTV) + Heat Sink	1600 A	Top	SRCTV16U	1336.00	1780.00
		Bottom	SRCTV16U	1336.00	1780.00
W- and Y- Frame Fixed					
Front Connected Flat (FCF)	800–2000 A	Top	SFCF20FT	1030.00	1534.00
		Bottom	SFCF20FB	956.00	1434.00
Front Connected T (FCT)	800–3000 A	Top	SFCT30	1466.00	2198.00
		Bottom	SFCT30B	1488.00	2234.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–2000 A	Top	SRCTV20	796.00	1194.00
		Bottom	SRCTV20	796.00	1194.00
	2500–3000 A	Top	SRCTV30	2124.00	3186.00
		Bottom	SRCTV30	2124.00	3186.00
	4000–5000 A	Top	SRCTV50	5410.00	8114.00
		Bottom	SRCTV50	5410.00	8114.00
6000 A	Top	SRCTV60	14988.00	22480.00	
Bottom	SRCTV60	14988.00	22480.00		
W- and Y- Frame Drawout					
Front Connected Flat (FCF)	800–2000 A	Top	SFCF20T	926.00	1386.00
		Bottom	SFCF20B	868.00	1304.00
	4000 A	Top	SFCF40	6252.00	9378.00
Bottom	SFCF40	6252.00	9378.00		
Front Connected T (FCT)	800–3000 A	Top	SFCT30	1466.00	2198.00
		Bottom	SFCT30	1466.00	2198.00
	4000 A 5000 A	Top	SFCT50	7196.00	10796.00
		Bottom	SFCT50	7196.00	10796.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–2000 A	Top	SRCTV20	796.00	1194.00
		Bottom	SRCTV20	796.00	1194.00
	2500–3000 A	Top	SRCTV30	2124.00	3186.00
		Bottom	SRCTV30	2124.00	3186.00
	4000 A 5000 A	Top	SRCTV50	5410.00	8114.00
		Bottom	SRCTV50	5410.00	8114.00
6000 A	Top	SRCTV60	14988.00	22480.00	
Bottom	SRCTV60	14988.00	22480.00		

For a 4-pole connector kit, add the suffix (4) to the kit number (e.g. SFCF20T4).
Not available for drawout circuit breakers.

UL 489 Rated

ArcBlok™ Circuit Breakers Basic Block

Table 19: W- and Y-Frame ArcBlok Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Sensor Plug (A)	\$ Price
		240 V	480 V	600 V		
W-Frame						
800	NW08N	65	65	50	100, 250, 400, 600, 800	14444.00
	NW08H	100	100	85		15608.00
1200	NW12N	65	65	50	600, 800, 1000, 1200	20433.00
	NW12H	100	100	85		21261.00
1600	NW16N	65	65	50	800, 1000, 1200, 1600	23219.00
	NW16H	100	100	85		24141.00
2000	NW20N	65	65	50	1000, 1200, 1600, 2000	27743.00
	NW20H	100	100	85		31296.00
2500	NW25H	100	100	85	1200, 1600, 2000, 2500	42251.00
3000	NW30H	100	100	85	1600, 2000, 2500, 3000	55402.00
Y-Frame						
4000	NW40H	100	100	85	2000, 2500, 3000, 4000	93440.00
5000	NW50H	100	100	85	2500, 3000, 4000, 5000	106433.00

Includes sensor plug.

Table 20: W- and Y-Frame ArcBlok Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)			Instantaneous Override (kA RMS)	\$ Price
		240 V	480 V	600 V		
W-Frame						
800	NW08HF	100	100	85	40	18561.00
1200	NW12HF	100	100	85	40	24214.00
1600	NW16HF	100	100	85	40	27094.00
2000	NW20HF	100	100	85	40	34249.00
2500	NW25HF	100	100	85	65	45204.00
3000	NW30HF	100	100	85	65	58356.00
Y-Frame						
4000	NW40HF	100	100	85	75	96600.00
5000	NW50HF	100	100	85	75	113505.00

The withstand rating is the fault current (at rated voltage) that the switch will withstand without damage when protected by a circuit breaker with an equal continuous current rating.

Includes sensor plug.

ArcBlok Cradle

Table 21: Cradle for W- and Y-Frame ArcBlok Circuit Breaker / Automatic Switch

Frame Rating (A)	Model Number		Interrupting Rating/ Withstand Rating (kA)			\$ Price
	Circuit Breaker	Switch	240 V	480 V	600 V	
W-Frame						
800	NW08N	—	65	65	50	4395.00
	NW08H	NW08HF	100	100	85	4395.00
1200	NW12N	—	65	65	50	4395.00
	NW12H	NW12HF	100	100	85	4395.00
1600	NW16N	—	65	65	50	4395.00
	NW16H	NW16HF	100	100	85	4395.00
2000	NW20N	—	65	65	50	4885.00
	NW20H	NW20HF	100	100	85	4885.00
2500	NW25H	NW25HF	100	100	85	9076.00
3000	NW30H	NW30HF	100	100	85	9076.00
Y-Frame						
4000	NW40H	NW40HF	100	100	85	16500.00
5000	NW50H	NW50HF	100	100	85	30740.00

UL 489 Rated**DC Circuit Breakers**

Tested to UL489 Supplement SC

Table 22: Fixed and Drawout Circuit Breakers

Frame Rating (A)	Model Number	Interrupting Rating (kA) 500 Vdc (max 600 Vdc unloaded)	\$ Price Fixed		\$ Price Drawout	
			Version C	Version C1	Version C	Version C1
W-Frame, Type N						
800	NW08NDC	35	42214.00	42746.00	39824.00	40888.00
1200	NW12NDC	35	42214.00	42746.00	39824.00	40888.00
1600	NW16NDC	35	42214.00	42746.00	39824.00	40888.00
2000	NW20NDC	35	42214.00	42746.00	39824.00	40888.00
2500	NW25NDC	35	56158.00	56690.00	56662.00	57726.00
3000	NW30NDC	35	70100.00	70632.00	73500.00	74564.00
4000	NW40NDC	35	84044.00	84576.00	90338.00	91402.00
W-Frame, Type H						
800	NW08HDC	85	46435.00	47021.00	43806.00	44977.00
1200	NW12HDC	85	46435.00	47021.00	43806.00	44977.00
1600	NW16HDC	85	46435.00	47021.00	43806.00	44977.00
2000	NW20HDC	85	46435.00	47021.00	43806.00	44977.00
2500	NW25HDC	85	61774.00	62359.00	62328.00	63499.00
3000	NW30HDC	85	77110.00	77695.00	80850.00	82020.00
4000	NW40HDC	85	92448.00	93034.00	99372.00	100543.00

NOTE: All UL rated DC Masterpact circuit breakers are Version C, 2-pole and Version C1, 3-pole circuit breakers. See catalog 0613CT0501.

NOTE: Fixed breaker is provided with connectors for Version C and C1 and there are no optional connectors. Connectors can be rotated from vertical to horizontal.

NOTE: Trip Units and Connectors are included in Basic Block Price.

NOTE: Most electrical and mechanical accessories are the same as the AC circuit breaker.

Table 23: Cradle for DC Drawout Circuit Breakers

Frame Rating (A)	Model Number	Interrupting Rating (kA) 500 Vdc (max 600 Vdc unloaded)	\$ Price	
			Version C	Version C1
W-Frame, Type N				
800	NW08NDC	35	11778.00	12842.00
1200	NW12NDC	35	11778.00	12842.00
1600	NW16NDC	35	11778.00	12842.00
2000	NW20NDC	35	11778.00	12842.00
2500	NW25NDC	35	11778.00	12842.00
3000	NW30NDC	35	11778.00	12842.00
4000	NW40NDC	35	11778.00	12842.00
W-Frame, Type H				
800	NW08HDC	85	11778.00	12842.00
1200	NW12HDC	85	11778.00	12842.00
1600	NW16HDC	85	11778.00	12842.00
2000	NW20HDC	85	11778.00	12842.00
2500	NW25HDC	85	11778.00	12842.00
3000	NW30HDC	85	11778.00	12842.00
4000	NW40HDC	85	11778.00	12842.00

NOTE: All UL rated DC Masterpact circuit breakers are Version C, 2-pole and Version C1, 3-pole circuit breakers. See catalog 0613CT0501.

NOTE: Cradle is provided with connectors for Version C and C1 and there are no optional connectors. Connectors can be rotated from vertical to horizontal.

NOTE: Connectors are included in Cradle Price.

NOTE: Most electrical and mechanical accessories are the same as the AC cradle.

IEC 60947-2 Rated

Basic Block

Table 24: T-, W-, and Y-Frame Fixed Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)			Sensor Plug (A)	\$ Price	
		240 V	440 V	690 V		3-Pole	4-Pole
T-Frame							
800	NT08H1	42	42	42	250, 400, 630, 800	8516.00	11880.00
	NT08H2	50	50	42		9468.00	13118.00
	NT08L1	150	130	25		10420.00	14356.00
1000	NT10H1	42	42	42	400, 630, 800, 1000	9068.00	12600.00
	NT10H2	50	50	42		9986.00	13792.00
	NT10L1	150	130	25		10904.00	14984.00
1250	NT12H1	42	42	42	630, 800, 1000, 1250	9624.00	13322.00
	NT12H2	50	50	42		10186.00	14052.00
1600	NT16H1	42	42	42	800, 1000, 1250, 1600	10748.00	14782.00
	NT16H2	50	50	42		11310.00	15512.00
W-Frame							
800	NW08N1	42	42	42	400, 630, 800	10136.00	14142.00
	NW08H1	65	65	65		11388.00	15768.00
	NW08H2	100	100	85		12404.00	17090.00
1000	NW10N1	42	42	42	400, 630, 800, 1000	10796.00	15000.00
	NW10H1	65	65	65		12114.00	16712.00
	NW10H2	100	100	85		12980.00	17838.00
1250	NW12N1	42	42	42	630, 800, 1000, 1250	11458.00	15860.00
	NW12H1	65	65	65		12840.00	17654.00
	NW12H2	100	100	85		13554.00	18586.00
1600	NW16N1	42	42	42	800, 1000, 1250, 1600	12796.00	17598.00
	NW16H1	65	65	65		14310.00	19568.00
	NW16H2	100	100	85		15106.00	20598.00
2000	NW20H1	65	65	65	1000, 1250, 1600, 2000	17116.00	23214.00
	NW20H2	100	100	85		18064.00	24448.00
2500	NW25H1	65	65	65	1250, 1600, 2000, 2500	29488.00	39298.00
	NW25H2	100	100	85		33070.00	43956.00
3200	NW32H1	65	65	65	1600, 2000, 2500, 3200	36670.00	48634.00
	NW32H2	100	100	85		42172.00	55788.00
4000	NW40H1	65	65	65	2000, 2500, 3200, 4000	60184.00	79202.00
	NW40H2	100	100	85		68988.00	90648.00
Y-Frame							
4000	NW40bH1	100	100	100	2000, 2500, 3200, 4000	72565.00	80547.00
	NW40bH2	150	150	100		87078.00	96657.00
5000	NW50H1	100	100	100	2500, 3200, 4000, 5000	90426.00	100328.00
	NW50H2	150	150	100		108628.00	121068.00
6300	NW63H1	100	100	100	3200, 4000, 5000, 6300	121718.00	135536.00
	NW63H2	150	150	100		156020.00	173460.00

Includes sensor plug.

Table 25: W-Frame Fixed Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)			Instantaneous Override (kA RMS)	\$ Price	
		240 V	440 V	690 V		3-Pole	4-Pole
W-Frame							
800	NW08HF	85	85	85	85	14974.00	19658.00
1000	NW10HF	85	85	85	85	15548.00	20406.00
1250	NW12HF	85	85	85	85	16122.00	21154.00
1600	NW16HF	85	85	85	85	17674.00	23168.00
2000	NW20HF	85	85	85	85	20632.00	27016.00
2500	NW25HF	85	85	85	85	35640.00	46524.00
3200	NW32HF	85	85	85	85	44740.00	58356.00
4000	NW40HF	85	85	85	85	71556.00	93216.00

Switches are IEC 60947-3 rated.

The withstand rating is the fault current (at rated voltage) that the switch will withstand without damage when protected by a circuit breaker with an equal continuous current rating.

Includes sensor plug.

Table 26: T-, W-, and Y-Frame Fixed Non-Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)			Short-Time (1s) Rating (kA RMS)	\$ Price	
		240 V	440 V	690 V		3-Pole	4-Pole
T-Frame							
800	NT08HA	42	42	42	42	9370.00	12990.00
1000	NT10HA	42	42	42	42	9994.00	13804.00
1250	NT12HA	42	42	42	42	10622.00	14616.00
1600	NT16HA	42	42	42	42	11042.00	15164.00
W-Frame							
800	NW08NA	42	42	42	42	11156.00	15464.00
	NW08HA	50	50	50	50	12492.00	18284.00
1000	NW10NA	42	42	42	42	11898.00	16432.00
	NW10HA	50	50	50	50	13326.00	19368.00
1250	NW12NA	42	42	42	42	12644.00	17400.00
	NW12HA	50	50	50	50	14162.00	20452.00
1600	NW16NA	42	42	42	42	13144.00	18052.00
	NW16HA	50	50	50	50	14722.00	21182.00
2000	NW20HA	50	50	50	50	18516.00	25032.00
2500	NW25HA	50	50	50	50	25758.00	34450.00
3200	NW32HA	50	50	50	50	32368.00	43042.00
4000	NW40HA	50	50	50	50	51790.00	68290.00
Y-Frame							
4000	NW40bHA	85	85	85	85	65956.00	86707.00
5000	NW50HA	85	85	85	85	80122.00	105124.00
6300	NW63HA	85	85	85	85	117038.00	153112.00

Switches are IEC 60947-3 rated.

Includes sensor plug.

When used in conjunction with an overcurrent relay, circuit breaker, or fuse. 0.5s for T-frame.

IEC 60947-2 Rated

Table 27: T-, W-, and Y-Frame Drawout Circuit Breaker

Frame Rating (A)	Model Number	Interrupting Rating (kA)				Sensor Plug (A)	\$ Price	
		240 V	440 V	690 V	1150 V		3-Pole	4-Pole
T-Frame								
800	NT08H1	42	42	42	—	250, 400, 630, 800	9928.00	13772.00
	NT08H2	50	50	42	—		10626.00	15608.00
	NT08L1	150	130	25	—		15790.00	21390.00
1000	NT10H1	42	42	42	—	400, 630, 800, 1000	11322.00	17444.00
	NT10H2	50	50	42	—		12756.00	19596.00
	NT10L1	150	130	25	—		17718.00	24026.00
1250	NT12H1	42	42	42	—	630, 800, 1000, 1250	14192.00	21750.00
	NT12H2	50	50	42	—		15184.00	22026.00
1600	NT16H1	42	42	42	—	800, 1000, 1250, 1600	16176.00	22302.00
	NT16H2	50	50	42	—		17168.00	22578.00
W-Frame								
800	NW08N1	42	42	42	—	400, 630, 800	11032.00	15302.00
	NW08H1	65	65	65	—		12732.00	17060.00
	NW08H2	100	100	85	—		13742.00	18438.00
	NW08L1	150	150	100	—		17544.00	23768.00
	NW08H10	—	—	—	50		14916.00	19972.00
1000	NW10N1	42	42	42	—	400, 630, 800, 1000	12580.00	17418.00
	NW10H1	65	65	65	—		14434.00	19384.00
	NW10H2	100	100	85	—		15534.00	20884.00
	NW10L1	150	150	100	—		19686.00	26696.00
	NW10H10	—	—	—	50		16618.00	22294.00
1250	NW12N1	42	42	42	—	630, 800, 1000, 1250	15768.00	21770.00
	NW12H1	65	65	65	—		17938.00	24166.00
	NW12H2	100	100	85	—		18716.00	25144.00
	NW12L1	150	150	100	—		24344.00	33052.00
	NW12H10	—	—	—	50		20122.00	27078.00
1600	NW16N1	42	42	42	—	800, 1000, 1250, 1600	17974.00	24780.00
	NW16H1	65	65	65	—		20362.00	27474.00
	NW16H2	100	100	85	—		21164.00	28568.00
	NW16L1	150	150	100	—		32198.00	43772.00
	NW16H10	—	—	—	50		22546.00	30384.00
2000	NW20H1	65	65	65	—	1000, 1250, 1600, 2000	24684.00	32594.00
	NW20H2	100	100	85	—		27770.00	36806.00
	NW20H3	150	150	100	—		29802.00	39498.00
	NW20L1	150	150	100	—		37242.00	49884.00
	NW20H10	—	—	—	50		26868.00	35504.00
2500	NW25H1	65	65	65	—	1250, 1600, 2000, 2500	33318.00	44276.00
	NW25H2	100	100	85	—		36746.00	48956.00
	NW25H3	150	150	100	—		39902.00	52836.00
	NW25H10	—	—	—	50		35502.00	47188.00
3200	NW32H1	65	65	65	—	1600, 2000, 2500, 3200	44752.00	59882.00
	NW32H2	100	100	85	—		48180.00	64564.00
	NW32H3	150	150	100	—		52878.00	69710.00
	NW32H10	—	—	—	50		46936.00	62792.00
4000	NW40H1	65	65	65	—	2000, 2500, 3200, 4000	74102.00	97300.00
	NW40H2	100	100	85	—		79592.00	104792.00
	NW40H3	150	150	100	—		86214.00	113046.00
	NW40H10	—	—	—	50		76286.00	100210.00
Y-Frame								
4000	NW40bH1	100	100	100	—	2000, 2500, 3200, 4000	82832.00	108509.00
	NW40bH2	150	150	100	—		93626.00	122650.00
5000	NW50H1	100	100	100	—	2500, 3200, 4000, 5000	91562.00	119996.00
	NW50H2	150	150	100	—		109760.00	144840.00
6300	NW63H1	100	100	100	—	3200, 4000, 5000, 6300	124008.00	162172.00
	NW63H2	150	150	100	—		157290.00	207604.00

Includes sensor plug.
1000 V for T-frame.

Table 28: W-Frame Drawout Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)				Instantaneous Override (kA RMS)	\$ Price	
		240 V	440 V	690 V	1150 V		3-Pole	4-Pole
W-Frame								
800	NW08HF	85	85	85	—	85	16010.00	21006.00
1000	NW10HF	85	85	85	—	85	17892.00	23452.00
1250	NW12HF	85	85	85	—	85	21170.00	27712.00
1600	NW16HF	85	85	85	—	85	23804.00	31136.00
2000	NW20HF	85	85	85	—	85	30142.00	39376.00
2500	NW25HF	85	85	85	—	85	39486.00	51524.00
3200	NW32HF	85	85	85	—	85	51492.00	67132.00
4000	NW40HF	85	85	85	—	85	82436.00	107360.00

Switches are IEC 60947-3 rated.

The withstand rating is the fault current (at rated voltage) that the switch will withstand without damage when protected by a circuit breaker with an equal continuous current rating.

Includes sensor plug.

Table 29: T-, W-, and Y-Frame Drawout Non-Automatic Switch

Frame Rating (A)	Model Number	Withstand Rating (kA RMS)				Short-Time (1s) Rating (kA RMS)∇	\$ Price	
		240 V	440 V	690 V	1150 V		3-Pole	4-Pole
T-Frame								
800	NT08HA	42	42	42	—	42	10054.00	13940.00
1000	NT10HA	42	42	42	—	42	12466.00	17069.00
1250	NT12HA	42	42	42	—	42	14872.00	20200.00
1600	NT16HA	42	42	42	—	42	15352.00	20822.00
W-Frame								
800	NW08NA	42	42	42	—	42	11172.00	15488.00
	NW08HA	50	50	50	—	50	12512.00	18310.00
	NW08HA10	—	—	—	50	50	14696.00	22184.00
1000	NW10NA	42	42	42	—	42	13850.00	18966.00
	NW10HA	50	50	50	—	50	15510.00	22206.00
1250	NW10HA10	—	—	—	50	50	17694.00	26080.00
	NW12NA	42	42	42	—	42	16524.00	22444.00
1600	NW12HA	50	50	50	—	50	18508.00	26104.00
	NW12HA10	—	—	—	50	50	20692.00	29978.00
2000	NW16NA	42	42	42	—	42	17056.00	23136.00
	NW16HA	50	50	50	—	50	19104.00	26876.00
2500	NW16HA10	—	—	—	50	50	21288.00	30750.00
	NW20HA	50	50	50	—	50	23186.00	31106.00
3200	NW20HA10	—	—	—	50	50	20700.00	28906.00
	NW25HA	50	50	50	—	50	27402.00	36586.00
4000	NW25HA10	—	—	—	50	50	29586.00	40460.00
	NW32HA	50	50	50	—	50	42530.00	56250.00
4000	NW32HA10	—	—	—	50	50	44714.00	60126.00
	NW40HA	50	50	50	—	50	68046.00	89426.00
4000	NW40HA10	—	—	—	50	50	70230.00	93300.00

Y-Frame

4000	NW40bHA	85	85	85	—	85	75484.00	99613.00
5000	NW50HA	85	85	85	—	85	80738.00	105926.00
6300	NW63HA	85	85	85	—	85	117938.00	154282.00

Switches are IEC 60947-3 rated.

Includes sensor plug.

When used in conjunction with an overcurrent relay, circuit breaker, or fuse.
1000 V for T-frame.

IEC 60947-2 Rated

Cradle

Table 30: T-, W-, and Y-Frame Circuit Breaker/Switch

Frame Rating (A)	Model Number		\$ Price	
	Circuit Breaker	Switch	3-Pole	4-Pole
T-Frame				
800	NT08H1	NT08HA	3284.00	4274.00
	NT08H10	NT08HA10		
1000	NT10H1	NT10HA	3284.00	4274.00
	NT10H10	NT10HA10		
	NT10L1	—		
1250	NT12H1	NT12HA	3284.00	4274.00
1600	NT16H1	NT16HA	3284.00	4274.00
W-Frame				
800	NW08N1	NW08NA	3650.00	4748.00
	NW08H1	NW08HA		
	NW08H2	NW08HF		
	NW08H10	NW08HA10		
	NW08L1	—		
1000	NW10N1	NW08NA	3650.00	4748.00
	NW10H1	NW08HA		
	NW10H2	NW08HF		
	NW10H10	NW08HA10		
	NW10L1	—		
1250	NW12N1	NW08NA	3650.00	4748.00
	NW12H1	NW08HA		
	NW12H2	NW08HF		
	NW12H10	NW08HA10		
	NW12L1	—		
1600	NW16N1	NW08NA	3650.00	4748.00
	NW16H1	NW08HA		
	NW16H2	NW08HF		
	NW16H10	NW08HA10		
	NW16L1	—		
2000	NW20H1	NW20HA	3690.00	4796.00
	NW20H2	NW20HF		
	NW20H10	NW20HA10		
	NW20H3	—		
	NW20L1	—		
2500	NW25H1	NW25HA	7886.00	10126.00
	NW25H2	NW25HF		
	NW25H10	NW25HA10		
	NW25H3	—		
	NW25L1	—		
3200	NW32H1	NW32HA	7886.00	10252.00
	NW32H2	NW32HF		
	NW32H10	NW32HA10		
	NW32H3	—		
	NW32L1	—		
4000	NW40H1	NW40HA	11626.00	15112.00
	NW40H2	NW40HF		
	NW40H10	NW40HA10		
	NW40H3	—		
	NW40L1	—		
Y-Frame				
4000	NW40bH1	NW40bHA	19839.00	25786.00
	NW40bH2	—		
5000	NW50H1	NW50HA	27718.00	36032.00
	NW50H2	—		
6300	NW63H1	NW63HA	38724.00	50342.00
	NW63H2	—		

Circuit Breaker/Cradle Connectors

For a complete connector set, order both the “Top” and “Bottom” connector kits.

Table 31: T-Frame

Connector	Frame Rating	Location	Kit Catalog Number*	Kit \$ Price/ Circuit Breaker Price Adder	
				3-Pole	4-Pole
Fixed Circuit Breaker Connectors					
Front Connected Flat (FCF)	800–1600A Fixed Only	Top	SFCF16F	1316.00	1756.00
		Bottom	SFCF16F	1316.00	1756.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–1600A Fixed Only	Top	SRCTV16	744.00	992.00
		Bottom	SRCTV16	744.00	992.00
Drawout Circuit Breaker Cradle Connectors					
Front Connected Flat (FCF)	800–1600A Drawout Only	Top	SFCF16T	1202.00	1602.00
		Bottom	SFCF16B	886.00	1182.00
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–1600A Drawout Only	Top	SRCTV16	744.00	992.00
		Bottom	SRCTV16	744.00	992.00
Drawout and Fixed Circuit Breaker Connectors					
Rea Spreader Adapter	800–1600A	Top	SRSA16	1336.00	1776.00
		Bottom	SRSA16	1336.00	1776.00
Rear T Adapter	800–1600A	Top	SRTA16	2338.00	3110.00
		Bottom	SRTA16	2338.00	3110.00
Rear Flat Adapter	800–1600A	Top	SRFA16	1336.00	1776.00
		Bottom	SRFA16	1336.00	1776.00

Table 32: W/Y-Frame

Connector	Frame Rating	Location	Kit Catalog Number	Kit \$ Price/ Circuit Breaker Price Adder	
				3-Pole	4-Pole
Fixed Circuit Breaker Connectors					
Front Connected Flat (FCF)	800–3200 A Fixed Only	Top	SFCF32T	2386.00	3174.00
		Bottom	SFCF32B	2236.00	2974.00
Drawout Circuit Breaker Cradle Connectors					
Front Connected Flat (FCF)	800–3200 A Drawout Only	Top	SFCF32	2236.00	2976.00
		Bottom	SFCF32	2236.00	2976.00
Drawout and Fixed Circuit Breaker Connectors					
Rear Connected T Horizontal/Vertical (RCTH/RCTV)	800–3200 A	Top	SRCTV32	762.00	1014.00
		Bottom	SRCTV32	762.00	1014.00
	5000 A	Top	SRCTV50E	2864.00	3810.00
		Bottom	SRCTV50E	2864.00	3810.00
Rear Connected T Horizontal (RCTH)	4000 A	Top	SRCTH40	1414.00	1880.00
		Bottom	SRCTH40	1414.00	1880.00
Rear Connected T Vertical (RCTV)	4000 A	Top	SRCTV40	2178.00	2896.00
		Bottom	SRCTV40	2178.00	2896.00
	6300 A	Top	SRCTV63	4462.00	5936.00
		Bottom	SRCTV63	4462.00	5936.00

For a 4-pole connector kit, add (4) to the end of the catalog number (e.g. SFCF32T4).
NW40b circuit breakers use 5000 A connectors.

IEC 60947-2 Rated

DC Circuit Breakers and Non-Automatic Switches

Tested to IEC 60947 Standards

IEC 60947-2 Rated (DC Circuit Breakers)

Table 33: Fixed and Drawout Circuit Breakers

Frame Rating (A)	Model Number	Connection Version	Icu KA for U = 500 Vdc - L/R ≤ 15 ms	\$ Price Fixed	\$ Price Drawout
W- Frame					
Type N					
1000	NW10NDC	C	35	38376.00	36204.00
2000	NW20NDC	C	35	38376.00	36204.00
4000	NW40NDC	C	35	76404.00	82126.00
Type H					
1000	NW10HDC	C	85	41260.00	38920.00
1000	NW10HDC	D	85	44132.00	41634.00
1000	NW10HDC	E	85	49890.00	47064.00
2000	NW20HDC	C	85	41260.00	38920.00
2000	NW20HDC	D	85	44132.00	41634.00
2000	NW20HDC	E	85	49890.00	47064.00
4000	NW40HDC	C	85	82134.00	88300.00
4000	NW40HDC	D	85	87864.00	94450.00
4000	NW40HDC	E	85	99324.00	106764.00

NOTE: IEC rated DC Masterpact (H rated) can have connectors version C, D or E, 3-pole circuit breakers. See catalog 0613CT0501.

NOTE: Trip units and connectors are included in the circuit breaker price

NOTE: Most electrical and mechanical accessories are the same as the AC circuit breaker.

IEC 60947-3 Rated (DC Non-Automatic Switch)

Table 34: Fixed and Drawout Non-Automatic Switch

Frame Rating (A)	Model Number	Connection Version	Icw KA for U = 500 Vdc	\$ Price Fixed	\$ Price Drawout
W- Frame					
Type HA					
1000	NW10HADC	C	85	33008.00	31136.00
1000	NW10HADC	D	85	35306.00	33308.00
1000	NW10HADC	E	85	39912.00	37652.00
2000	NW20HADC	C	85	33008.00	31136.00
2000	NW20HADC	D	85	35306.00	33308.00
2000	NW20HADC	E	85	39912.00	37652.00
4000	NW40HADC	C	85	65708.00	70640.00
4000	NW40HADC	D	85	70292.00	75560.00
4000	NW40HADC	E	85	79460.00	85412.00

NOTE: IEC rated DC Masterpact non-automatic switches (HA rated) can have connectors version C, D or E, 3-pole non-automatic switch. See catalog 0613CT0501.

NOTE: Connectors are included in breaker or switch price.

NOTE: Most electrical and mechanical accessories are the same as the AC circuit breakers.

IEC 60947-2 Rated (DC Circuit Breakers)

Table 35: Cradle (DC Products)

Frame Rating (A)	Model Number	Connection Version	Icu KA for U = 500 Vdc - L/R ≤ 15 ms	\$ Price
W-Frame				
Type N				
1000	NW10NDC	C	35	11508.00
2000	NW20NDC	C	35	11508.00
4000	NW40NDC	C	35	11508.00
Type H				
1000	NW10HDC	C	85	11508.00
1000	NW10HDC	D	85	12314.00
1000	NW10HDC	E	85	13920.00
2000	NW20HDC	C	85	11508.00
2000	NW20HDC	D	85	12314.00
2000	NW20HDC	E	85	13920.00
4000	NW40HDC	C	85	11508.00
4000	NW40HDC	D	85	12314.00
4000	NW40HDC	E	85	13920.00

NOTE: IEC rated DC Masterpact (H rated) can have connectors version C, D or E, 3-pole circuit breakers. See catalog 0613CT0501.

NOTE: Connectors are included in cradle price

NOTE: Most electrical and mechanical accessories are the same as the AC cradle.

IEC 60947-3 Rated (DC Non-Automatic Switch)

Table 36: Cradle (DC Products)

Frame Rating (A)	Model Number	Connection Version	Icw KA for U = 500 Vdc	\$ Price
W- Frame				
Type HA				
1000	NW10HADC	C	85	11508.00
1000	NW10HADC	D	85	12314.00
1000	NW10HADC	E	85	13920.00
2000	NW20HADC	C	85	11508.00
2000	NW20HADC	D	85	12314.00
2000	NW20HADC	E	85	13920.00
4000	NW40HADC	C	85	11508.00
4000	NW40HADC	D	85	12314.00
4000	NW40HADC	E	85	13920.00

NOTE: IEC rated DC Masterpact (HA rated) can have connectors version C, D or E, 3-pole non-automatic switch. See catalog 0613CT0501.

NOTE: Connectors are included in cradle price.

NOTE: Most electrical and mechanical accessories are the same as the AC cradle.

Trip Unit and Options

Table 37: Trip Unit

Model	Protection	Additional Features	Field-Installable Catalog Number	\$ Kit Price/ Circuit Breaker Price Adder
2.0 (IEC only)	LS0	None	S132R	2920.00
3.0 (UL/ANSI only)	LI		S131A	2920.00
5.0	LSI		S133A	4176.00
2.0A (IEC only)	LS0	Ammeter	S142R	4554.00
3.0A (UL/ANSI only)	LI		S141A	4554.00
5.0A	LSI		S143A	5812.00
6.0A	LSIG		S144A	7418.00
5.0P	LSI		Metering, Advanced Protection	S163A
6.0P	LSIG		S164A	10324.00
5.0H	LSI	Metering, Advanced Protection & Harmonic Analysis	S173A	14770.00
6.0H	LSIG		S174A	16374.00

The standard rating plug supplied with a trip unit will be the "A" rating plug. To specify an alternative adjustable rating plug, please add the letter designation to the end of the catalog number. Please refer to following table for a complete listing of adjustable settings available with each plug. (Example: S143B would specify a "B" rating plug instead of the standard "A" plug.) Use suffix "N" if no rating plug is required, deduct **\$200.** from the complete trip unit kit price.

Requires circuit breaker Communications Module.

When replacing a basic trip unit with type A (Ammeter), P (Power metering) or H (Harmonic analysis) trip unit, order the 12-pin connector kit S33101, price **\$228.**

Table 38: Trip Unit Adjustable Rating Plug

Standard	Options	Settings (Tolerance:1.05-1.2)	Field-Installable Kit		
			Trip Unit Character 5	Catalog Number	\$ Price
UL/ANSI	Plug "A"	.4 - .45 - .50 - .60 - .63 - .7 - .8 - .9 - 1	A	S48818	200.00
	Plug "B"	.4 - .44 - .50 - .56 - .63 - .75 - .88 - .95 - 1	B	S48819	
	Plug "C"	.42 - .50 - .53 - .58 - .67 - .75 - .83 - .95 - 1	C	S48820	
	Plug "D"	.4 - .48 - .64 - .7 - .8 - .9 - .93 - .95 - 1	D	S48836	
	Plug "E"	.60 - .70 - .75 - .80 - .85 - .90 - .93 - .95 - 1	E	S48837	
	Plug "F"	.84 - .86 - .88 - .9 - .92 - .94 - .96 - .98 - 1	F	S48838	
	Plug "G"	.66 - .68 - .7 - .72 - .74 - .76 - .78 - .8 - .82	G	S48839	
	Plug "H"	.48 - .5 - .52 - .54 - .56 - .58 - .6 - .62 - .64	H	S48840	
IEC	Standard	.4 - .5 - .6 - .7 - .8 - .9 - .95 - .98 - 1	R	S33542	200.00
	Lower Range	.4 - .45 - .5 - .55 - .6 - .65 - .7 - .75 - .8	S	S33543	
	Upper Range	.8 - .82 - .85 - .88 - .9 - .92 - .95 - .98 - 1	T	S33544	
	OFF	No long time protection	P	S33545	

Standard offer.

For replacement only; rating plug included in price of trip unit.

A Zone-Selective Interlocking (ZSI) system with/without MDGF/SGR may require a Restraint Interface Module (RIM), catalog number S48890 (120 Vac/24 Vdc) or S48895 (240 Vac/24 Vdc). Price: **\$2480.** See the Masterpact NT/NW Universal Power Circuit Breaker catalog (0613CT0001) for details.

Table 39: Trip Unit Options

Description	Circuit Breaker \$ Price Adder
CT Characterization	4410.00
Automatic Reset	658.00

Available as factory-installed circuit breaker option only.

See the Class 0613 catalog, *Masterpact Low-Voltage Power Circuit Breakers* for details.

Table 40: Circuit Breaker Communications Module

Communications Type	Catalog Number		Kit \$ Price / Circuit Breaker Price Adder
	Fixed	Drawout	
NW MODBUS®	S47405	S48384	2470.00
NT MODBUS	S48188	S47485	2470.00

NOTE: Standard for "P" trip unit; optional for "A" trip unit.

Trip Unit and Options

Neutral Sensor

Table 41: T-Frame Circuit Breakers

External neutral sensor for 3-phase, 4-wire residual ground fault system (or for neutral current monitoring).

NT Circuit Breaker Sensor Plug	External Neutral Sensor for general use	External Neutral Sensor for use in Square D™ Panelboards	External Neutral Sensor for use in Square D Switchboards	\$ Price
External neutral sensor for circuit breakers with standard neutral protection				
100–250 A	S33575	S33924	S33926	1914.00
400–1600 A	S33576	S33925	S33927	
External neutral sensor for circuit breakers with oversized neutral protection				
100 A	S33575	S33924	S33926	1914.00
250 A	N/A	N/A	N/A	
400–1000 A	S33576	S33925	S33927	2044.00
1200/1250 A	S48896	N/A	NA	
1600 A	S48182	N/A	NA	
2208.00				

Oversized neutral protection = 1.6 I_r where I_r = long time pick-up.

Table 42: W/Y-Frame Circuit Breakers

External neutral sensor for 3-phase, 4-wire residual ground fault system (or for neutral current monitoring) and external sensor for Modified Differential Ground Fault (MDGF) or Source Ground Return (SGR) system.

Frame	Sensor Plug (A)	External Neutral Sensor				PZ4 External Neutral Sensor (For use in PZ4 Switchgear)				MDGF/SGR Sensor	\$ Price																		
		For Residual Ground Fault	\$ Price	For 3-Pole Circuit Breaker with Oversize Neutral Protection	\$ Price	For Residual Ground Fault	\$ Price	For 3-Pole Circuit Breaker with Oversize Neutral Protection	\$ Price																				
W	100	S48916	2014.00	S48916	2014.00	S48902	3168.00	S48902	3168.00	S33579	570.00																		
	250			N/A	—			N/A	—																				
	400	S34036		S34036	2014.00	S48903		S48903	3168.00																				
	600/630			S48896	S48896			2044.00	S48182			N/A	—																
	800				S48182			S48182						2208.00															
	1000							N/A						—	S48182	N/A	—												
	1200/1250																	S48897	4426.00	S48897	4584.00	S48898	4584.00						
	1600	S48897				4426.00																		S48897	4584.00	S48898	4584.00		
	2000			S48182					2208.00			N/A	—															S48898	4584.00
	2500				S48182																								
	3000							S48182						2208.00	N/A	—	S48898												
3200	S48182		2208.00				N/A			—	S48898							4584.00											
4000		S48182				2208.00													N/A	—	S48898	4584.00							
2000				S48897					4426.00			S48897	4584.00										S48898	4584.00					
2500					S48897																				4426.00	S48897	4584.00	S48898	4584.00
3000								S48897						4426.00	S48897	4584.00	S48898												
3200	S48897		4426.00				S48897			4584.00	S48898							4584.00											
4000		S48897				4426.00													S48897	4584.00	S48898	4584.00							
5000				S48897					4426.00			S48897	4584.00										S48898	4584.00					
6000					S48897																				4426.00	S48897	4584.00	S48898	4584.00
6300								S48897						4426.00	S48897	4584.00	S48898												
2000	S48897		4426.00				N/A			—	S48897							—											
2500		S48897				4426.00													N/A	—	S48897	—							
3000				S48897					4426.00			N/A	—										S48897	—					
3200					S48897																				4426.00	N/A	—	S48897	—
4000								S48897						4426.00	N/A	—	S48897												
5000	S48897		4426.00				N/A			—	S48897							—											
6000		S48897				4426.00													N/A	—	S48897	—							
6300				S48897					4426.00			N/A	—										S48897	—					
2000					S48897																				4426.00	N/A	—	S48897	—
2500								S48897						4426.00	N/A	—	S48897												
3000	S48897		4426.00				N/A			—	S48897							—											
3200		S48897				4426.00													N/A	—	S48897	—							
4000				S48897					4426.00			N/A	—										S48897	—					
5000					S48897																				4426.00	N/A	—	S48897	—
6000								S48897						4426.00	N/A	—	S48897												
6300	S48897		4426.00				N/A			—	S48897							—											

Kit includes qty. (2) neutral sensors.

Four MDGF sensors (phase + 1 neutral) are required for W-frame; eight MDGF sensors are required for Y-frame.

For SGR system only one sensor (neutral) is required for W-frame; two sensors for Y-Frame.

A MDGF/SGR ground-fault interface module (Cat. no. S48891) is also required for each circuit breaker. Price: **\$2688**.

Oversized neutral protection = 1.6 I_r where I_r = long time pick-up.

These neutral sensors include their wiring harness. To order this harness as a spare part (cat. no. NCTWIRING) the Price is **\$204**.

Accessories

Each electrical accessory kit includes the necessary push-in secondary disconnects for a drawout circuit breaker.

Table 43: Sensor Plug

Lowest possible sensor plug is 50% of frame rating except for the 100 A and 250 A plug

Rating (A)	Catalog Number	\$ Price	Rating (A)	Catalog Number	\$ Price	Rating (A)	Catalog Number	\$ Price
100	S47051	1040.00	1000	S33093	1040.00	3000	S48825	1040.00
250	S47052		1200	S48824		3200	S33984	
—	—		—	—		4000	S47820	
400	S47053		1250	S33094		—	—	
600	S48823		1600	S33095		—	—	
630	S33091		2000	S33982		—	—	
800	S33092		2500	S33983		—	—	

Included in basic block price.

Cannot be installed into a circuit breaker with original sensor plug higher than 250 A. Likewise a circuit breaker with original sensor plug of 100 A or 250 A cannot be replaced with a sensor plug higher than 250 A. IEC and ANSI W-frame.

Table 44: Special Y-Frame Sensor Plug

Rating (A)	Catalog Number	\$ Price★
2000	S47821	1040.00
2500	S47822	
3000	S48826	
3200	S47823	
4000	S47824	
5000	S47825	
6000	S48827	
6300	S47826	

Table 45: Auxiliary and Alarm Contacts, Programmable Contact Module, Electrical Close Pushbutton

Description	T-Frame			W- & Y-Frame		
	Fixed	Drawout	\$ Price	Fixed	Drawout	\$ Price
1a/1b Form C Auxiliary Contact	S47042	S47043	136.00	—	—	—
Low Level 1a/1b Form C Auxiliary Contact	S47339	S33806	170.00	—	—	—
4a/4b Form C Auxiliary Contact (OF)	—	—	—	S48198	S48468	546.00
4a/4b Form C Auxiliary Contact (OF) with Actuator	—	—	—	S48859	S48860	630.00
1a/1b Form C Second Trip Alarm Contact (SDE2)	S47340	S47430	136.00	S48200	S48475	136.00
Low Level 1a/1b Form C Second Trip Alarm Contact	S47341	S47431	170.00	S48201	S48476	170.00
1a/1b Form C Ready-to-Close Contact (PF)	S47342	S47432	470.00	S47342	S48469	470.00
Low Level 1a/1b Form C Ready-to-Close Contact	S47343	S47433	504.00	S47343	S48470	504.00
2 Programmable Contact Module (M2C)	S47403	S47483	966.00	S47403	S48382	966.00
6 Programmable Contact Module (M6C)	S47404	S47484	1470.00	S47404	S48383	1470.00
Electrical Close Pushbutton (BPF6)	S47512	S47512	1208.00	S48534		1208.00

Standard on circuit breaker, information for replacement purposes only.

4a/4b standard on circuit breaker, information for replacement purpose only.

Incompatible with remote reset switch (RES).

Type P or H trip unit required.

Table 46: Shunt Trip, Second Shunt Trip, and Shunt Close

Voltage 50/60 Hz	T-, W-, & Y-Frame Fixed	T-Frame Drawout	W- & Y-Frame Drawout	\$ Price
12 dc	S47359	S33809	S48490	666.00
24–30 ac/dc	S47360	S33810	S48491	
48–60 ac/dc	S47361	S33811	S48492	
100–130 ac/dc	S47362	S33812	S48493	
200–240 ac/dc	S47363	S33813	S48494	
277 ac	S47364	S33814	S48495	
380–480 ac	S47365	S33815	S48496	

Incompatible with undervoltage coil.

Table 47: Shunt Trip and Shunt Close for Circuit Breaker with Communication

Voltage 50/60 Hz	T-, W-, & Y-Frame Fixed	T-Frame Drawout	W- & Y-Frame Drawout	\$ Price
12 dc	S47320	S33791	S48457	666.00
24–30 ac/dc	S47321	S33792	S48458	
48–60 ac/dc	S47322	S33793	S48459	
100–130 ac/dc	S47323	S33794	S48460	
200–240 ac/dc	S47324	S33795	S48461	
277 ac	S47325	S33796	S48462	
380–480 ac	S47326	S33797	S48463	

Table 48: Undervoltage Trip

Voltage	T-, W-, & Y-Frame Fixed	T-Frame Drawout	W- & Y-Frame Drawout	\$ Price
Instantaneous UV Trip (MN)				
24–30 ac/dc	S47380	S33819	S48501	1054.00
48–60 ac/dc	S47381	S33820	S48502	
100–130 ac/dc	S47382	S33821	S48503	
200–240 ac/dc	S47383	S33822	S48504	
380–480 ac	S47385	S33824	S48506	
Adjustable Time Delay Module				

Accessories

Table 49: Spring Charging Motor (MCH)

Voltage	T-Frame		\$ Price	W- & Y-Frame		\$ Price
	Fixed	Drawout		Fixed	Drawout	
AC						
48	S47391	S47461	3580.00	S48207	S48522	3734.00
100-130	S47395	S47465		S48211	S48526	
200-240	S47396	S47466		S48212	S48527	
277	S47398	S47468		S48213	S48528	
380-415	S47398	S47468		S48214	S48529	
440-480	S47400	S47470		S48215	S48530	
DC						
24-30	S47390	S47460	3580.00	S48206	S48521	3734.00
48-60	S47391	S47461		S48207	S48522	
100-130	S47392	S47462		S48208	S48523	
200-250	S47393	S47463		S48209	S48524	

Table 50: Remote Reset (RES)

Voltage	T-Frame		\$ Price	W- & Y-Frame		\$ Price
	Fixed	Drawout		Fixed	Drawout	
110-130	S47344	S47434	844.00	S48202	S48472	844.00
200-240	S47345	S47435		S48203	S48473	

Incompatible with extra trip alarm switch (SDE2).

Table 51: Circuit Breaker Locking Options

Description	One Lock		\$ Price	Two Locks (W/Y-Frame only)		\$ Price
	T-Frame	W/Y-Frame		Identical	Different	
Schneider Electric Lock + Provision	S48942	S48948	2314.00	S48949	S48950	3722.00
Provision for Kirk / Schneider Electric Lock	S47517	S48542	908.00	—	—	—
Ronis Key Lock + Provision	S47521	S48549	3310.00	S48550	S48551	5322.00
Profalux Key Lock + Provision	S47519	S48545	3310.00	S48546	S48547	5322.00
Provision for Ronis Lock	S47516	S48541	908.00	—	—	—
Provision for Profalux Lock	S47515	S48541	908.00	—	—	—
Provision for Castell Lock	S47518	S48543	908.00	—	—	—
Padlock Attachment	S47514	S48539	256.00	—	—	—
Padlockable Open/Close Push Button Cover	S33897	S48536	186.00	—	—	—

Can fit up to two locks.
To order Kirk Key or Schneider Electric locks, please fill out the keylock order form from page 26.

Table 52: Miscellaneous Circuit Breaker Accessories

Description	T-Frame	\$ Price	W- & Y-Frame	\$ Price
Mechanical Operation Counter	S33895	920.00	S48535	920.00
Door Escutcheon for Fixed Circuit Breaker	S33718	176.00	S48601	176.00

For replacement only, door escutcheon included with circuit breaker.

Cradle Accessories

Table 53: Cradle Communications Module

Communications Type	Catalog Number	\$ Price
MODBUS	S48377	202.00

Table 54: ANSI C37/UL 1066/UL 489 Cradle Safety Shutter, Secondary Disconnects Terminal Shield

Description	3-Pole	\$ Price	4-Pole	\$ Price
T-Frame				
Safety Shutter	S48933	342.00	S48934	444.00
Secondary Disconnects Terminal Shield	S33763	220.00	S33764	274.00
W-Frame				
Safety Shutter	S65346	680.00	S65347	908.00
Shutter Padlock Provision	S65350	201.00	S65350	201.00
Secondary Disconnects Terminal Shield	S48595	296.00	S48596	394.00
Y-Frame				
Safety Shutter	S65348	1162.00	S65349	1548.00
Shutter Padlock Provision	S65350	201.00	S65350	201.00
Secondary Disconnects Terminal Shield	S48597	376.00	S48598	502.00

Table 55: IEC 60947-2 Cradle Safety Shutter, Secondary Disconnects Terminal Shield

Description	3-Pole	\$ Price	4-Pole	\$ Price
T-Frame				
Safety Shutter	S33765	342.00	S33766	444.00
Secondary Disconnects Terminal Shield	S33763	220.00	S33764	274.00
W-Frame				
Safety Shutter	S48587	680.00	S48589	908.00
Shutter Padlock Provision	S48591	100.00	S48591	100.00
Secondary Disconnects Terminal Shield	S48595	296.00	S48596	394.00
Y-Frame				
Safety Shutter	S48588	1162.00	S48590	1548.00
Shutter Padlock Provision	S48591	100.00	S48591	100.00
Secondary Disconnects Terminal Shield	S48597	376.00	S48598	502.00

Includes padlock provision.
2 required.

Table 56: Cradle Position Switches (Cell Switches)

Description	Catalog Number	\$ Price
T-, W-, and Y-Frame		
1a/1b Form C Connected/Test/Disconnected Switch	S33170	148.00
Low Level 1a/1b Form C Connected/Test/Disconnected Switch	S33171	216.00
W- and Y-Frame		
1a Connected/Test/Disconnected Switch (Ring Tongue)	S48929	84.00
1b Connected/Test/Disconnected Switch (Ring Tongue)	S48930	84.00
Set of 3 Cell Switch Actuating Arms	S48560	48.00

A set of 3 actuating arms is standard on the cradle. One actuating arm can operate up to 3 switches.

Accessories

Table 57: Cradle Cell Keying and Cradle Position Locking

Description	T-Frame	W/Y-Frame	\$ Price
Cell Keying Kit (all pins the same length)	S33767	S48562	96.00
Cell Keying Kit for W/Y-frame (pins of varying lengths) All production after December 2012	—	NWCELLKEY	176.00
Key Locks—Kirk/Schneider Electric			
1 Kirk Lock	S48917	S48923	2154.00
2 Identical Kirk Locks	S48918	S48924	3312.00
2 Different Kirk Locks	S48919	S48925	3312.00
1 Schneider Electric Lock	S48920	S48926	1960.00
2 Identical Schneider Electric Locks	S48921	S48927	3012.00
2 Different Schneider Electric Locks	S48922	S48928	3012.00
Provision for 2 Kirk/Schneider Electric Locks	S33936	S48565	908.00
Provision for 1 Kirk/Schneider Electric Lock	S33772	—	908.00
Key Locks—Ronis/Profalux			
1 Ronis Lock	S33776	S48572	2802.00
2 Identical Ronis Locks	S33777	S48573	4306.00
2 Different Ronis Locks	S33778	S48574	4306.00
1 Profalux Lock	S33773	S48568	2802.00
2 Identical Profalux Locks	S33774	S48569	4306.00
2 Different Profalux Locks	S33775	S48570	4306.00
Provision for 2 Ronis Locks	S33770	S48564	908.00
Provision for 2 Profalux Locks	S33769	S48564	908.00
Provision for 2 Castell Locks	S33771	S48566	908.00

Includes mounting provision.
To order Kirk Key or Schneider Electric locks, please fill out the keylock order form from page 26.

Table 58: Masterpact NW/NT Circuit Breaker Remote Racking

Description	Cat. No.	\$ Price
Masterpact NW/NT Remote Racking Device	NWNTMPRRT	32,000.00
Masterpact NW Remote Racking Device	NWMPRRT	21,500.00
Masterpact NT Remote Racking Device	NTMPRRT	21,500.00
Mounting Bracket Kit for NW Remote Racking (contains 10 mounting brackets)	S47100	215.00
Mounting Bracket Kit for NT Remote Racking (contains 10 mounting brackets)	S47104	215.00
Control Unit for NW Remote Racking	S47101	3650.00
30 ft Control Cable for NW Remote Racking	S47102	620.00
Drive Shaft for NW Remote Racking	S47103	290.00
Drive Shaft for NT Remote Racking	S47103	290.00

Unit comes with 10 mounting brackets included.
For replacement only.

Table 59: Cradle Metering CT Kit (set of 3)
For use with UL and ANSI rated circuit breakers only.

Sensor Plug (A)	Catalog Number	\$ Price
W-Frame		
250	SMCT250	1372.00
400	SMCT400	1372.00
600	SMCT600	1380.00
800	SMCT800	1410.00
1200	SMCT1200	1476.00
1600	SMCT1600	1548.00
2000	SMCT2000	2412.00
2000	SMCT2000R	2020.00
2500	SMCT2500R	2110.00
3000	SMCT3000R	2258.00
3200	SMCT3200R	2452.00
Y-Frame		
2000	SMCT2000Y	2552.00
2500	SMCT2500Y	2712.00
3000	SMCT3000Y	2868.00
3200	SMCT3200Y	2940.00
4000	SMCT4000Y	3326.00
5000	SMCT5000Y	3656.00
6000	SMCT6000Y	4080.00

For NW20L1/NW20L circuit breaker.

Table 60: Cradle Miscellaneous Accessories

Description	T-Frame	\$ Price	W/Y-Frame	\$ Price
Door Interlock Kit (VPEC)	S33786	330.00	S48579	330.00
Racking Interlock Kit (IBPO)	S33788	238.00	S48582	238.00
Door Escutcheon	S33857	370.00	685980	370.00
Transparent Cover	S33859	1290.00	685981	1290.00
Combined "Connected" and "Closed" Switch (1a/1b EF Switch)	N/A	—	S48477	264.00
Low Level EF Switch	N/A	—	S48478	542.00
Cable Door Interlock for Drawout Circuit Breakers	S33921	2584.00	S48614	2584.00
Cable Door Interlock for Fixed Circuit Breakers	S33920	2584.00	S48614	2584.00

For replacement only, door escutcheon included with circuit breaker.
For Automatic Spring Discharge (DAE) for IEC drawout circuit breakers, add \$586.00.
For Off-Button-Crank Interface (IBPO) function for IEC drawout circuit breakers, add \$586.00.

Table 61: Spare Parts for ArcBlok™ UL/ANSI Masterpact NW Circuit Breakers, Switches, and Cradles

Description	Cat. No.	\$ Price
ArcBlok Shields	65251	92.00
UL/ANSI ArcBlok 2 Cluster Support	65253	577.00
UL/ANSI ArcBlok 3 Cluster Support	65254	577.00
UL/ANSI ArcBlok 4 Cluster Support	65255	577.00
UL/ANSI ArcBlok 6 Cluster Support	65256	577.00
UL/ANSI ArcBlok 10 Cluster Support	65257	577.00
ArcBlok Prepared Space Cassette (W-Frame)	65252	17183.00
ArcBlok Prepared Space Cassette (Y-Frame)	65263	34367.00

Accessories

Table 62: Secondary Disconnects Wiring Kit

Type	Fixed		Drawout			
	T-, W-, & Y-Frame	\$ Price	T-Frame	\$ Price	W- & Y-Frame	\$ Price
Push-in Terminal Kit (3 Wires)	S47074	80.00	S33098	120.00	S47849	120.00
Push-in Terminal Kit (6 Wires)	S47075	240.00	S33099	240.00	S47850	240.00
Ring Tongue Kit 1a	N/A	N/A	N/A	N/A	S48912	64.00
Ring Tongue Kit 1b					S48913	64.00
Ring Tongue Kit 1a & 1b					S48914	126.00
Trip Unit 12-Pin Connectors	S33101	228.00	S33101	228.00	S33101	228.00
External Voltage Sensing Wiring Kit	S47506	266.00	S47507	266.00	S48533	266.00

Table 63: Finger Cluster and Cluster Tools

Description	Catalog Number	\$ Price
Finger Cluster (Each)	S33166	164.00
Cluster Grease (12 oz. Tube)	S48899	132.00
Cluster Positioning Tool	S47542	1504.00
Cluster Reset Tool	CLUSRETOOL	250.00
Cluster Service Kit	CLUSTOOLSK	1886.00

Includes positioning tool, reset tool and a grease tube.

Table 64: Test Kit and External Power Supply Module

Description	Catalog Number	\$ Price
Hand-Held Test Kit	S33594	5386.00
Full-Function Test Kit	S33595	33792.00
FFTK Report Generator Software	FFTKRPTV10	800.00
Seven-Pin Test Cable (for connection between test kit and trip unit)	S48907	1488.00
Two-Pin Test Cable (for connection between test kit and trip unit)	S48908	784.00
230 Vac Filtered Power Cord	S48856	166.00
120 Vac Filtered Power Cord	S48855	60.00
Primary Injection Test Adapter	S33937	252.00
NW Phenix Primary Injection Kit	ULW10025	4000.00
NW Multi Amp Primary Injection Kit	ULW10026	4000.00
NT Primary Injection Kit	ULW10027	4000.00
Trip Unit Seal (6 pieces)	MICROTUSEAL	60.00

Used for testing Micrologic trip units. Included in the price of the hand-held / full-function test kits. Kit for replacement only.
 Used for testing STR trip units. Included in the price of the hand-held / full-function test kits. Kit for replacement only.
 Included in the price of the full-function test kit. Kit for replacement only.
 Included in the price of the hand-held test kit. Kit for replacement only.
 For compliance with NEC 240.6(c).

Table 65: 24 Vdc Power Supply and Battery Backup Modules (Not UL Listed)

Description	Catalog Number	\$ Price
Power Supply with 24-30 Vdc Input	685823	1130.00
Power Supply with 48/60 Vdc Input	685824	
Power Supply with 125 Vdc Input	685825	
Power Supply with 110-130 Vac Input	685826	
Power Supply with 200-240 Vac Input	685827	
Power Supply with 380-415 Vac Input	685829	
Battery Backup (12 Hours)	685831	3260.00
Trip Unit Battery for Trip Indicator Lights	S33593	438.00

Table 66: Lifting Device Kits

Description	Catalog Number	\$ Price
Crossbar for W-Frame Circuit Breaker or Cradle	S48900	7738.00
Crossbar for Y-Frame Circuit Breaker or Cradle	S48901	8912.00
Set of Two Lifting Hooks	S48906	3722.00

Table 67: Fixed Circuit Breaker Mounting Brackets (Set of 2)

Description	Catalog Number	\$ Price
W- and Y-Frame Only		
Mounting Brackets for horizontal mount	S47828	458.00
Mounting Brackets for vertical mount	S47829	

Table 68: Certified Test Reports

Test Report	Catalog Number	\$ Price
Circuit Breaker	4804930501B	252.00
Cradle	4804930501C	132.00

Circuit breaker/cradle serial number also required if report is ordered after circuit breaker/cradle is shipped.
 Certified test reports are standard for ANSI circuit breakers and cradles. Order certified test reports for UL and IEC products as desired.

Table 69: Source Changeover Interlocks

Type of Interlock Kit	T-Frame Fixed	\$ Price	T-Frame Drawout	\$ Price	W- & Y-Frame	\$ Price
Rod Interlock Kit for two circuit breakers	S33912	2304.00	S33913	2304.00	S48612	2304.00
Cable Interlock Kit for two circuit breakers*						
Cable Interlock	S33209	248.00	S33209	248.00	S33209	248.00
Cable Mounting Plate	S33200	1234.00	S33201	1234.00	S47926	1234.00
Cable Interlock Kit for three circuit breakers						
Three main circuit breakers					S48610	3686.00
Two main circuit breakers and one tie circuit breaker					S48609	3686.00
Two main circuit breakers and one generator circuit breaker					S48608	3686.00

Complete kit.
 Complete kit requires: (2) S47926 + (1) S33209 or
 (2) S33200 + (1) S33209 or
 (2) S33201 + (1) S33209.

Table 70: Miscellaneous Spare Parts for Masterpact™ NW Circuit Breakers

Catalog Number	Description	\$ Price	
S47935	Type S Arc Chute (each) for: UL: NW08—NW30 NH/HF ANSI: NW08—NW32 N1/H1/H2/H3/HA IEC: NW08—NW40 N1/H1/H2/NA/HA/HF	412.00	
S47936	Type G Arc Chute (each) for: UL: NW40—NW60 H/HF, NW20—NW60 L ANSI: NW40—NW50 H2/H3/HA, NW32—NW50 L1 IEC: NW50—NW63 H1/H2/HA, NW20—NW40 H3	588.00	
S47937	Type B Arc Chute (each) for: UL: NW08—NW16 L ANSI: NW08—NW20 L1 IEC: NW08—NW20 L1	412.00	
S47939	Faceplate cover	430.00	
S47939U	IEC fixed & drawout, UL/ANSI fixed		
S47939L	UL/ANSI drawout non limiter		
S47940	UL/ANSI drawout limiter (L/L1 AIR)	172.00	
S47940	Spring charging handle		
S47944	Masterpact NW racking handle	344.00	
S47092	Masterpact NT racking handle	344.00	
64274	Cradle interlock defeat tool	60.00	
S47034	UL/ANSI 3 cluster support	214.00	
S47035	UL/ANSI 2 cluster support		
S47036	UL/ANSI 4 cluster support limiter		
S47037	UL/ANSI 6 cluster support limiter		
S47038	UL/ANSI 6 cluster support		
S47039	UL/ANSI 4 cluster support		
S47040	UL/ANSI 10 cluster support		
S47041	UL/ANSI 10 cluster support limiter		
S48857	Cluster support mounting tool		3200.00

Required for mounting cluster support on standard Masterpact NW drawout circuit breaker. Tool is not required for ArcBlok™ circuit breakers.

Accessories

Masterpact MP/MC Retrofit Kits

These bus adapter kits will allow direct mechanical replacement of the old Masterpact MP/MC (UL/ANSI) with the Masterpact NW circuit breaker. Order the corresponding Masterpact NW circuit breaker without connectors and the retrofit kit for a complete replacement. Some electrical accessories characteristics and wiring connections may not be identical between Masterpact MP/MC and Masterpact NW. Evaluation with regards to products compatibility must be completed before commissioning the replacement circuit breaker.

Kit is shown as a set of 3 (3-pole) or 4 (4-pole) for Top and Bottom connection.

Masterpact MP: UL 489 circuit breaker
 Masterpact MC: UL1066 (ANSI C37) circuit breaker

Table 71: Retrofit Kits

Old Circuit Breaker Being Replaced	New Circuit Breaker Without Connectors	Retrofit Kit 3-Pole Top	\$ Price	Retrofit Kit 3-Pole Bottom	\$ Price	Retrofit Kit 4-Pole Top	\$ Price	Retrofit Kit 4-Pole Bottom	\$ Price
Masterpact MP/MC UL/ANSI Drawout Circuit Breakers									
MP/MC 08-16 Vertical	NW08-16	S64120T	3758.00	S64120B	3758.00	S64131T	5138.00	S64131B	5138.00
MP/MC 08-16 Horizontal	NW08-16	S64121	3946.00	S64122	3946.00	S64132	5394.00	S64133	5394.00
MP/MC 20 Vertical	NW20	S64123	3946.00	S64124	3946.00	S64134	5394.00	S64135	5394.00
MP 25-30 Vertical	NW25-30	S64125	7374.00	S64125	7374.00	S64136	10536.00	S64137	10536.00
MC 32 Vertical	NW32	S64126	9002.00	S64126	9002.00	N/A	N/A	N/A	N/A
MP/MC 40 Vertical	NW40	S64127	11710.00	S64128	11710.00	S64138	15464.00	S64139	15464.00
MP/MC 50 Vertical	NW50	S64129	11710.00	S64169	11710.00	S64140	15464.00	S64170	15464.00
MP 63 Vertical	NW60	S64130	22338.00	S64130	22338.00	N/A	N/A	N/A	N/A
Masterpact MP UL Fixed Circuit Breakers									
MP 08-16 Vertical	NW08-16	S64141	3946.00	S64142	3946.00	S64153	5394.00	S64154	5394.00
MP 08-16 Horizontal	NW08-16	S64143	3946.00	S64144	3946.00	S64155	5394.00	S64156	5394.00
MP 20 Vertical	NW20	S64145	3946.00	S64146	3946.00	S64157	5394.00	S64158	5394.00
MP 25-30 Vertical	NW25-30	S64147	7374.00	S64148	7374.00	S64159	10536.00	S64160	10536.00
MP 40 Vertical	NW40	S64149	11710.00	S64150	11710.00	N/A	N/A	N/A	N/A
MP 50 Vertical	NW50	S64151	11710.00	S64152	11710.00	N/A	N/A	N/A	N/A

Masterpact M Retrofit Kits

These bus adapter kits will allow direct mechanical replacement of the old Masterpact M (IEC) with the Masterpact NW circuit breaker.

Order the corresponding Masterpact NW circuit breaker without connectors and the retrofit kit for a complete replacement.

Some electrical accessories characteristics and wiring connections may not be identical between Masterpact M and Masterpact NW. Evaluation with regards to products compatibility must be completed before commissioning the replacement circuit breaker.

Kit is shown as a set of 3 (3-pole) or 4 (4-pole) for Top and Bottom connection.

Masterpact M: IEC 60947-2 circuit breaker

Table 72: Retrofit Kits

Old Circuit Breaker Being Replaced	New Circuit Breaker Without Connectors	Retrofit Kit 3-Pole Top	\$ Price	Retrofit Kit 3-Pole Bottom	\$ Price	Retrofit Kit 4-Pole Top	\$ Price	Retrofit Kit 4-Pole Bottom	\$ Price
Masterpact M IEC Drawout Circuit Breakers									
M 08-12 N1/N1 Vertical	NW08-12	S48966	3912.00	S48966	3912.00	S48966Q	5214.00	S48966Q	5214.00
M 08-12 N1/N1 Horizontal	NW08-12	S48951	3912.00	S48964	3912.00	S48951Q	5214.00	S48964Q	5214.00
M 08-12 H1/H2/H1/HF Vertical	NW08-12	S48969	3912.00	S48969	3912.00	S48969Q	5214.00	S48969Q	5214.00
M 08-12 H1/H2/H1/HF Horizontal	NW08-12	S48954	3912.00	S48965	3912.00	S48954Q	5214.00	S48965Q	5214.00
M 16 N1/H1/H2/N1/H1/HF Vertical	NW16	S48969	3912.00	S48969	3912.00	S48969Q	5214.00	S48969Q	5214.00
M 16 N1/H1/H2/N1/H1/HF Horizontal	NW16	S48954	3912.00	S48965	3912.00	S48954Q	5214.00	S48965Q	5214.00
M 20-25 N1/H1/H2/N1/H1/HF Vertical	NW20-25	S48970	6012.00	S48970	6012.00	S48970Q	7314.00	S48970Q	7314.00
M 20-25 N1/H1/H2/N1/H1/HF Horizontal	NW20-25	S48957	6012.00	S48958	6012.00	S48957Q	7314.00	S48958Q	7314.00
M 32 H1/H2/H1/HF Vertical	NW32	S48974	7062.00	S48974	7062.00	S48978Q	8364.00	S48978Q	8364.00
M 32 H1/H2/H1/HF for neutral left	NW32	S48973	7062.00	S48973	7062.00	S48976Q	8364.00	S48977Q	8364.00
M 32 H1/H2/H1/HF for neutral right	NW32	S48973	7062.00	S48973	7062.00	S48977Q	8364.00	S48976Q	8364.00
Masterpact M IEC Fixed Circuit Breakers									
M 08-12 N1/N1 Horizontal	NW08-12	S48951	3912.00	S48964	3912.00	S48951Q	5214.00	S48964Q	5214.00
M 08-12 H1/H2/H1/HF Horizontal	NW08-12	S48954	3912.00	S48965	3912.00	S48954Q	5214.00	S48965Q	5214.00
M 16 N1/H1/H2/N1/H1/HF Horizontal	NW16	S48954	3912.00	S48965	3912.00	S48954Q	5214.00	S48965Q	5214.00
M 20-25 N1/H1/H2/N1/H1/HF Horizontal	NW20-25	S48957	6012.00	S48958	6012.00	S48957Q	7314.00	S48958Q	7314.00
M 32 H1/H2/H1/HF Horizontal	NW32	S48962	7062.00	S48961	7062.00	S48960Q	8364.00	S48960Q	8364.00

Accessories**Masterpact MP/MC/M Neutral CT Retrofit Kits**

If required, select the appropriate neutral CT based on the sensor plug ampere rating, Type (UL/ANSI or IEC) and frame rating of the Masterpact NW circuit breaker

Examples:

For UL Masterpact NW 4000 A Frame (NW 40) with 3000 A Sensor plug, select NCT catalog no. S64164

For IEC Masterpact NW 4000 A Frame (NW 40) with 3000 A Sensor plug, select NCT catalog no. S64163

Kit includes the Masterpact NW neutral sensor with special bus connection that provides exact touch point to the existing bus of the Masterpact MP/MC/M neutral sensor being replaced.

Table 73: Neutral CT Retrofit Kits

Sensor Plug Rating (A)	UL/ANSI Circuit Breaker Frame	IEC Circuit Breaker Frame	NCT Catalog No.	\$ Price
100-250	NW 08	NW 08	S64161	2428.00
400-2000	NW 08-20	NW 08-20	S64162	2428.00
2500-4000	NW 25-32	NW 25-40	S64163	2428.00
2000-6300	NW 40-60	NW 50-63	S64164	4870.00

Request for Quotation Form

For faster quote processing, please use the following request for quotation form. For each section, check the applicable box or enter value corresponding to your choice. **Note:** this request for quotation form does not take into account incompatibilities. Orders to be placed on CSSS.

Square D:	Date	Customer Name:	RFQ No.
From	Location	Account No.	Q2C No.
Phone No.	Fax No.	Contact Name	Phone No.
Messages		Location	Fax No.

Circuit Breakers or Switches Quantity: _____

Brand: Schneider Electric Square D

Standard ANSI UL IEC

Type NT NW

Number of Poles 3 4

Frame rating Amperes: _____

Sensor plug rating Amperes: _____

Interrupting/Withstand rating N, N1, NA, L, LF, L1, L1F, H, H1
H2, H3, H10, HA, HA10, HF, HB, HC _____

Cradle options:

- Circuit breaker with cradle
- Circuit breaker without cradle
- Cradle only
- Fixed circuit breaker
- ArcBlok™ circuit breaker
 - with cradle
 - without cradle
 - ArcBlok cradle only

Optional characterization for CTs

Micrologic Trip Units

Dummy Trip Unit (for switch only)

Basic Trip Unit

Basic protection 2.0 3.0

Selective protection 5.0

Trip Unit with Ammeter

Basic protection 2.0A 3.0A

Selective protection 5.0A

Selective protection + equip. ground fault 6.0A

Trip Unit with Power Metering

Selective protection 5.0P

Selective protection + equip. ground fault 6.0P

Trip Unit with Harmonic Metering

Selective protection 5.0H

Selective protection + equip. ground fault 6.0H

Rating plug type (A=UL/ANSI; R=IEC)
(for non-standard, see page 17) _____

Choose one:

- External neutral sensor (CT)
- Mod. differential ground-fault (MDGF)
- Source ground return (SGR)

Micrologic™ Trip Unit Accessories

Choose one:

- Programmable contact module (M2C)
- Programmable contact module (M6C)
- MODBUS® circuit breaker com. module (BCM)
- MODBUS cradle com. module (CCM)
- Restraint interface module (RIM)
- External power supply (24 Vdc) input voltage _____
- Number of power supplies/circuit breaker: 1 or 2
- Battery backup quantity: 1 or 2
- External voltage sensing
- Automatic reset (RAR)

Cradle Secondary Disconnects

Choose one:

- Push-in terminal (standard)
- Ring terminal

Accessories for Remote Operation

Spring-charging motor (MCH) _____ Vac
_____ Vdc

Shunt close (XF): Standard or Communication _____ Vac
_____ Vdc

Shunt trip (MX1): Standard or Communication _____ Vac
_____ Vdc

Additional shunt trip (MX2)
OR _____ Vac
_____ Vdc

Undervoltage trip (MN)—choose one

- Instantaneous _____ Vac
_____ Vdc
- Fixed-time delayed _____ Vac
_____ Vdc
- Adjustable-time delayed _____ Vac
_____ Vdc

Electrical closing push button (BPFE)

Remote reset after fault trip (RES) 110–130 Vac
(incompatible with SDE2) 200–240 Vac

Wiring for Cradle

Circuit breaker communication module (BCM) wiring

Wiring for zone-selective interlocking (ZSI), modified differential ground fault (MDGF), neutral current transformer (CT) and 24 V power supply

Wiring for programmable contact modules (M2C and M6C)

Wiring for additional overcurrent trip switch (SDE2) or electrical reset (RES)

Wiring for undervoltage trip (MN) or additional shunt trip (MX2)

Wiring for shunt trip (MX), shunt close (XF) and spring-charging motor (MCH)

Wiring for ready-to-close contact (PF)

Wiring for four additional form C auxiliary switches (push-in terminals) or 2a+2b auxiliary switches (ring terminals) (OF)

Wiring for eight additional form C auxiliary switches (push-in terminals) (OF)

Manufacturing Numbers Provided with Quotation

Circuit Breaker: _____

Cradle: _____

See Delivery Schedule on the next page
 Not available on Masterpact NT (T-frame circuit breaker)
 Complete only if ordering cradle without circuit breaker.
 ArcBlok circuit breakers and cradles are available for ANSI and UL489 3-pole circuit breakers and cradles only. ArcBlok devices are not available for interrupting / withstand ratings of L, LF, L1, L1F, HF or HB.

Request for Quotation Form

Auxiliary, Alarm and Cradle Position Switches			
Auxiliary switch (OF) choose one:	<u>Push-in type terminal</u> 4a/4b form C (std.) 4a/4b low level NT 8a/8b form C 12a/12b form C	or <u>Ring terminal</u> 2a + 2b 4a + 4b	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Overcurrent trip switches Standard (1a/1b form C)	(SDE1) standard		
Additional overcurrent trip switches (choose one) (1a/1b form C) (incompatible with RES)	(SDE2) <input type="checkbox"/>		
(1a/1b form C) (incompatible with RES)	(low-level SDE2) <input type="checkbox"/>		
Ready-to-close switch (PF)	Std <input type="checkbox"/>	low level	<input type="checkbox"/>
Push-in type cradle position switches (1a/1b form C)			Qty
Connected position (max. qty.: 3 NW/3 NT)	(CE)		_____
Test position (max. qty.: 3 NW/1 NT)	(CT)		_____
Disconnected position (max. qty.: 3 NW/2 NT)	(CD)		_____
Low-level cradle position switch			_____
Choose one:			Qty
Connected/Closed switch (max. qty.: 8)	(EF)		_____
Connected/Closed switch (max. qty.: 8)	(low-level EF)		_____
Ring terminal type cradle position switches (1a or 1b contact)			Qty
Connected position (max. 3a or 3b)	qty/type		_____
Test position (max. 1a or 1b)	qty/type		_____
Disconnected position (max. 3a or 3b)	qty/type		_____
Locking and Interlocking		Cradle	Brkr
Padlockable push button cover			<input type="checkbox"/>
Padlock provision only			<input type="checkbox"/>
One key lock (select manufacturer below)	<input type="checkbox"/>		<input type="checkbox"/>
Two key locks keyed alike (select manufacturer below)	<input type="checkbox"/>		<input type="checkbox"/>
Two key locks keyed differently (select manufacturer below)	<input type="checkbox"/>		<input type="checkbox"/>
Key lock manufacturer:			
Kirk	<input type="checkbox"/>	Ronis	<input type="checkbox"/>
Schneider Electric	<input type="checkbox"/>	Profalux	<input type="checkbox"/>
		Castell	<input type="checkbox"/>
<small>Not available on Masterpact NT (T-frame circuit breaker) Not available on IEC circuit breaker Not available on IEC Masterpact NT. Standard with IEC offer.</small>			

Cradle Connections			
Front-connected			
800–3200 A	Front-connected flat	(FCF)	<input type="checkbox"/>
	Front-connected “T”	(FCT)	<input type="checkbox"/>
4000 A	Front-connected flat	(FCF)	<input type="checkbox"/>
4000–5000 A	Front-connected “T”	(FCT)	<input type="checkbox"/>
Rear-connected			
800–3200 A	Rear-connected “T” vertical	(RCTV)	<input type="checkbox"/>
	Rear-connected “T” horizontal	(RCTH)	<input type="checkbox"/>
2000 A L1/L	Rear-connected offset vertical	(RCOV)	<input type="checkbox"/>
3200 A (ANSI)	Rear-connected offset vertical	(RCOV)	<input type="checkbox"/>
4000-6300 A	Rear connected “T” vertical	(RCTV)	<input type="checkbox"/>
	Rear-connected “T” horizontal	(RCTH)	<input type="checkbox"/>

Cradle Interlocking and Accessories	
Door interlock (VPEL)	<input type="checkbox"/>
Racking interlock between racking crank and Off position —std. on UL/ANSI (IBPO)	<input type="checkbox"/>
Racking interlock (VPOC)	<input type="checkbox"/>
Automatic spring discharge (DAE)—std. on UL/ANSI	<input type="checkbox"/>
Cradle rejection kit	standard <input type="checkbox"/>
Auxiliary terminal shield	<input type="checkbox"/>
Metering CT (optional for UL/ANSI only)	<input type="checkbox"/>
Lock cradle in all positions—std. on UL/ANSI	<input type="checkbox"/>

Miscellaneous Accessories	
Mechanical operation counter	<input type="checkbox"/>
Shutter (Required option for IEC NW circuit breakers)	<input type="checkbox"/>
Shutter with padlock provision and position indicator	<input type="checkbox"/>
Transparent cover (drawout circuit breaker only)	<input type="checkbox"/>
Lifting device for	lifting hooks (set of 2) <input type="checkbox"/>
T-frame, W-frame, or Y-frame circuit breaker	lifting bar (short) <input type="checkbox"/>
	lifting bar (long) <input type="checkbox"/>
Masterpact NW/NT remote racking device	<input type="checkbox"/>

Test Equipment	
Hand-held test kit	<input type="checkbox"/>
Full-function test kit	<input type="checkbox"/>
Test report for circuit breaker, standard for ANSI, check for UL, IEC	<input type="checkbox"/>
Test report for cradle, standard on ANSI, check for UL, IEC	<input type="checkbox"/>

Manufacturing Number Provided with Quotation	List Price	Delivery (from receipt of order)
Circuit Breaker: _____	\$ _____	
Cradle: _____	\$ _____	
Total	\$ _____	_____

Delivery Schedule	
Circuit breaker and cradle to be shipped together	<input type="checkbox"/>
Cradle to be shipped prior to circuit breaker	<input type="checkbox"/>

Schneider Electric Conditions of Sale Apply

REQUEST FOR QUOTATION FORM

For faster quote processing, please use the following request for quotation form. For each section, check the applicable box or enter values corresponding to your choice. Note: this request for quotation form does not take into account incompatibilities. Order to be placed on CSSS.

Date	Customer Name:	RFQ No.:
From	Account No.:	Q2C No.:
Phone No.	Contact Name:	Phone No.:
Messages	Location:	Fax No.:

UL Listed Circuit Breaker		Qty	
Masterpact Type	NW08		
	NW12		
	NW16		
	NW20		
	NW25		
	NW30		
	NW40		
Circuit Breaker Type	N and H are available		
Type of Sensor	1250 to 2500 A		
	2500 to 5400 A		
	5000 to 11000 A		
Load Connection	Version C	Version C1	
Type of Equipment	Fixed		
	Drawout chassis		
Type of Connection	Vertical	Top	Bottom
	Horizontal	Top	Bottom

IEC Rated Circuit Breaker or Switch Disconnecter		Qty	
Masterpact Type	NW10		
	NW20		
	NW40		
Circuit Breaker Type	N, H		
Switch-disconnector Type	HA		
Type of Sensor	1250 to 2500 A		
	2500 to 5400 A		
	5000 to 11000 A		
Load Connection	C, D, E		
Type of Equipment	Fixed		
	Drawout		
Type of Connection	Vertical	Top	Bottom
	Horizontal	Top	Bottom

Cradle Secondary Disconnects	
Choose One:	
Push-in terminal (standard)	<input type="checkbox"/>
Ring terminal (UL option only)	<input type="checkbox"/>

Accessories for Remote Operation	
Spring-charging Motor (MCH)	_____ V ac
	_____ V dc
Shunt close (XF)	_____ V ac
	_____ V dc
Shunt Trip (MX1)	_____ V ac
	_____ V dc
Additional shunt trip (MX2)	_____ V ac
OR	_____ V dc
Undervoltage Trip (MN)	-choose one
	Instantaneous _____ V ac
	_____ V dc
	Fixed-time delay _____ V ac
	_____ V dc
	Adjustable-time delay _____ V ac
	_____ V dc

Electrical closing push button (BPFE)	
Remote reset after fault trip (RES)	100-130 Vac
(incompatible with SDE2)	200-240 Vac

Wiring for Cradle (Complete only if ordering cradel without circuit breaker)	
Wiring for additional overcurrent trip switch (SED2) or electrical reset (RES)	
Wiring for undervoltage trip (MN) or additional shunt trip (MX2)	
(Wiring for shunt trip (MX), shunt close (XF) and spring-charging motor (MCH))	
Wiring for ready-to-close contact (PF)	
Wiring for four additional Form C auxiliary switches (push-in terminals) or 2a+2b auxiliary switches (ring terminals) (OF)	
Wiring for eight additional form C auxiliary switches (Push-in Terminals) (OF)	

Manufacturing Numbers Provided with Quotation

Circuit Breaker: _____

Cradle: _____

REQUEST FOR QUOTATION FORM

Auxiliary, Alarm and Cradle Position Switches

Auxiliary Switch (OF)

Choose one: Push-in type terminal or Ring terminal

4a/4b form C (std.)	<input type="checkbox"/>	2a + 2b	<input type="checkbox"/>
8a/8b form C	<input type="checkbox"/>	4a + 4b	<input type="checkbox"/>
12A/12B form C	<input type="checkbox"/>		

Overcurrent trip switches
 Standard (1a/1b form C) (SDE1) standard

Additional overcurrent trip switches (choose one)

(1a/1b form c) (incompatible with RES)	(SDE2)	<input type="checkbox"/>
(1a/1b form c) (incompatible with RES)	(low level (SDE2))	<input type="checkbox"/>

Ready-to-close switch (PF) Std low-level

Push-in type cradle position switches (1a/1b form C)

Connected position (max. qty: 3)	qty _____
Test position (max. qty: 3)	qty _____
Disconnected position (max. qty: 3)	qty _____

Low-level cradle position switch

Choose one: Qty.

Connected/Closed switch (max. qty: 8)	(EF) _____
Connected/Closed switch (max. qty: 8)	(low-level EF) _____

Ring terminal type cradle position switches (1a or 1b contact)

Connected position (max. 3a or 3b)	qty _____
Test position (max. 1a or 1b)	qty _____
Disconnected position (max. 3a or 3b)	qty _____

Cradle Interlocking and Accessories

Door Interlock		
Racking interlock between racking crank and Off position	std on UL, check for IEC	<input type="checkbox"/>
Racking interlock (VPOC)		<input type="checkbox"/>
Automatic spring discharge (DAE)	std on UL, check for IEC	<input type="checkbox"/>
Cradle rejection kit	standard	
Auxiliary terminal shield		<input type="checkbox"/>

Miscellaneous Accessories

Mechanical operation counter		<input type="checkbox"/>
Shutter		<input type="checkbox"/>
Shutter with padlock provision and position indicator		<input type="checkbox"/>
Locking and Interlocking	Cradle	Brkr.
Padlockable push button cover		<input type="checkbox"/>
Padlock provision only	Std	<input type="checkbox"/>
One key lock	<input type="checkbox"/>	<input type="checkbox"/>
(Select manufacturer below)		
Two key locks keyed alike	<input type="checkbox"/>	<input type="checkbox"/>
(Select manufacturer below)		
Two key locks keyed differently	<input type="checkbox"/>	<input type="checkbox"/>
(Select manufacturer below)		
Key lock manufacturer		
	Kirk <input type="checkbox"/>	Ronis <input type="checkbox"/>
	Schneider Electric <input type="checkbox"/>	Profalux <input type="checkbox"/>
		Castell <input type="checkbox"/>
Test report for circuit breaker		<input type="checkbox"/>
Test report for cradle		<input type="checkbox"/>

Manufacturing Number (provided with quotation)	
Circuit Breaker:	List Price \$ _____
Cradle:	\$ _____ Delivery (from receipt of order)
Total	\$ _____

Delivery Schedule

Circuit Breaker and cradle to be shipped together	<input type="checkbox"/>
Cradle to be shipped prior to circuit breaker	<input type="checkbox"/>

Schneider Electric Conditions of Sale Apply

Kirk® or Schneider Electric™ Keylock Order Information

Form Use: To supply order information when the Kirk key or Schneider Electric lock for the part numbers listed below are ordered

Q2C # :	Job Name :	Date Completed :
Line Items(s) :	Completed By :	From (Location) :

Purchase Order # _____

Circuit Breaker Catalog # : _____

Choose one:

Qty	Keylock	Schneider Electric Drawing	Used On
_____	Kirk Single Lock (Part No. 35635)	—	Masterpact NT/NW and PowerPact P Cradle Only
_____	Kirk Single Lock F 1/2 E (Part No. 35635)	—	CK Circuit Breakers Only
_____	Kirk Single Lock (Horizontal Mount) SK41683-1	48186-220-50	PowerPact M-, P-, and R-Frame Circuit Breakers Only
_____	Kirk Single Lock (Vertical Mount) KLF030010	48185-267-01	PowerPact M- and P-Frame Circuit Breakers Only
_____	Kirk Double Lock (Vertical Mount) KFL003720	48185-266-01	PowerPact M-,and P-Frame Circuit Breakers Only
_____	Kirk Double Lock (Horizontal Mount) SK41686-1	48186-224-50	PowerPact R-Frame Circuit Breakers Only
_____	Schneider Electric Single Lock 12A-1MG	—	Masterpact NT/NW and PowerPact P Cradle Only
_____	Schneider Electric Single Lock (Horizontal Mount) VFR-3/8-E	48186-221-50	PowerPact M-, P-, and R-Frame Circuit Breakers Only
_____	Schneider Electric Single Lock (Vertical Mount) VF-3/8-E	48185-267-01	PowerPact M- and P-Frame Circuit Breakers Only
_____	Schneider Electric Double Lock (Vertical Mount) VM2F-3/8-EE	48185-266-01	PowerPact M- and P-Frame Circuit Breakers Only
_____	Schneider Electric Double Lock (Horizontal Mount) VM2FR-3/8-EE	48186-224-50	PowerPact R-Frame Circuit Breakers Only

Please note: Since these are registered keys, the following information is REQUIRED before the order can be processed.

Ultimate User’s Name and Address

Ultimate User’s Name and Address Contact Person and Phone Number

Keyed Alike

Qty. _____ Catalog No. _____
 Qty. _____ Catalog No. _____

Keyed Different

Qty. _____ Catalog No. _____
 Qty. _____ Catalog No. _____

Sets Keyed Alike

Qty. _____ Catalog No. _____

Keyed Like Existing Lock

Key / Lock No. _____

Submit to: **Customer Service** At Location: **Cedar Rapids Plant** FAX: **319-369-6448**

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Palatine, IL 60067 USA
1-888-778-2733
www.schneider-electric.us

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0613PL0001 R07/13 Replaces 0613PL0001 R10/12