

Masterpact® NT/NW

Universal Power Circuit Breakers

Tested to IEC 60947-2 Certified to ABS-NVR
(American Bureau of Shipping-Naval Rules)

Pricing Guide
0613PL0601R05/09

2009
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 Certified to ABS-NVR Catalog (0613CT0601R4/08) 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; include:

1. Basic Block
2. Cradle (for drawout circuit breaker)
3. Circuit Breaker/Cradle Connectors
4. Trip Unit and Options (page 6)

Optional:

1. Circuit Breaker Accessories (page 8)
2. Cradle Accessories (page 9)
3. Miscellaneous Accessories (page 11)

Please see Appendix A (pages 13–14) for a request for quotation form.

Basic Block

Table 1: 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	9026.00	12592.00
	NT08H2	50	50	42		10036.00	13906.00
	NT08L1	150	130	25		11046.00	15218.00
1000	NT10H1	42	42	42	400, 630, 800, 1000	9612.00	13356.00
	NT10H2	50	50	42		10586.00	14620.00
	NT10L1	150	130	25		11558.00	15884.00
1250	NT12H1	42	42	42	630, 800, 1000, 1250	10202.00	15202.00
	NT12H2	50	50	42		10798.00	14896.00
1600	NT16H1	42	42	42	800, 1000, 1250, 1600	11392.00	15668.00
	NT16H2	50	50	42		11988.00	16442.00
W-Frame							
800	NW08N1	42	42	42	400, 630, 800	10744.00	14990.00
	NW08H1	65	65	65		12072.00	16714.00
	NW08H2	100	100	85		13148.00	18116.00
1000	NW10N1	42	42	42	400, 630, 800, 1000	11444.00	15900.00
	NW10H1	65	65	65		12840.00	17714.00
	NW10H2	100	100	85		13758.00	18908.00
1250	NW12N1	42	42	42	630, 800, 1000, 1250	12146.00	16812.00
	NW12H1	65	65	65		13610.00	18714.00
	NW12H2	100	100	85		14368.00	19702.00
1600	NW16N1	42	42	42	800, 1000, 1250, 1600	13564.00	18654.00
	NW16H1	65	65	65		15168.00	20742.00
	NW16H2	100	100	85		16012.00	21834.00
2000	NW20H1	65	65	65	1000, 1250, 1600, 2000	18142.00	24606.00
	NW20H2	100	100	85		19148.00	25914.00
2500	NW25H1	65	65	65	1250, 1600, 2000, 2500	31258.00	42326.00
	NW25H2	100	100	85		35054.00	46594.00
3200	NW32H1	65	65	65	1600, 2000, 2500, 3200	38870.00	51552.00
	NW32H2	100	100	85		44702.00	59136.00
4000	NW40H1	65	65	65	2000, 2500, 3200, 4000	63796.00	98354.00
	NW40H2	100	100	85		73128.00	96086.00
Y-Frame							
5000	NW50H1	100	100	100	2500, 3200, 4000, 5000	95852.00	106348.00
	NW50H2	150	150	100		115146.00	128332.00
6300	NW63H1	100	100	100	3200, 4000, 5000, 6300	129022.00	143668.00
	NW63H2	150	150	100		165382.00	183868.00

▲ Includes sensor plug.

Table 2: W- and Y-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	15872.00	20838.00
1000	NW10HF	85	85	85	85	16480.00	21630.00
1250	NW12HF	85	85	85	85	17090.00	22424.00
1600	NW16HF	85	85	85	85	18734.00	24558.00
2000	NW20HF	85	85	85	85	21870.00	28636.00
2500	NW25HF	85	85	85	85	37778.00	49316.00
3200	NW30HF	85	85	85	85	47424.00	61858.00
4000	NW40HF	85	85	85	85	75850.00	98808.00

▲ 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 3: T-, W- and Y-Frame Fixed Non-automatic Switch ▲

Frame Rating (A)	Model Number	Interrupting 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	9932.00	13770.00
1000	NT10HA	42	42	42	42	10594.00	14632.00
1250	NT12HA	42	42	42	42	11260.00	15492.00
1600	NT16HA	42	42	42	42	11704.00	16074.00
W-Frame							
800	NW08NA	42	42	42	42	11826.00	16392.00
	NW08HA	50	50	50	50	13242.00	19382.00
1000	NW10NA	42	42	42	42	12612.00	17418.00
	NW10HA	50	50	50	50	14126.00	20530.00
1250	NW12NA	42	42	42	42	13402.00	18444.00
	NW12HA	50	50	50	50	15012.00	21680.00
1600	NW16NA	42	42	42	42	13932.00	19136.00
	NW16HA	50	50	50	50	15604.00	22452.00
2000	NW20HA	50	50	50	50	19626.00	26534.00
2500	NW25HA	50	50	50	50	27304.00	36518.00
3200	NW32HA	50	50	50	50	34310.00	45624.00
4000	NW40HA	50	50	50	50	54898.00	72388.00
Y-Frame							
5000	NW50HA	85	85	85	85	84930.00	111432.00
6300	NW63HA	85	85	85	85	124060.00	162298.00

▲ 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.

Table 4: 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	10524.00	14598.00
	NT08H2	50	50	42	—		11264.00	16544.00
	NT08L1	150	130	25	—		16738.00	22674.00
	NT08H10	—	—	—	20		14232.00	19052.00
1000	NT10H1	42	42	42	—	400, 630, 800, 1000	12002.00	18490.00
	NT10H2	50	50	42	—		13522.00	20772.00
	NT10L1	150	130	25	—		18782.00	25468.00
	NT10H10	—	—	—	20		15854.00	21268.00
1250	NT12H1	42	42	42	—	630, 800, 1000, 1250	15044.00	23056.00
	NT12H2	50	50	42	—		16095.00	23348.00
	NT12H10	—	—	—	20		19198.00	25832.00
1600	NT16H1	42	42	42	—	800, 1000, 1250, 1600	17146.00	23640.00
	NT16H2	50	50	42	—		18198.00	23932.00
	NT16H10	—	—	—	20		21508.00	28986.00
W-Frame								
800	NW08N1	42	42	42	—	400, 630, 800	11694.00	16220.00
	NW08H1	65	65	65	—		13496.00	18084.00
	NW08H2	100	100	85	—		14566.00	19544.00
	NW08L1	150	150	100	—		18596.00	25194.00
	NW08H10	—	—	—	50		15810.00	21170.00
1000	NW10N1	42	42	42	—	400, 630, 800, 1000	13334.00	18464.00
	NW10H1	65	65	65	—		15300.00	20548.00
	NW10H2	100	100	85	—		16466.00	22138.00
	NW10L1	150	150	100	—		20868.00	28298.00
	NW10H10	—	—	—	50		17616.00	23632.00
1250	NW12N1	42	42	42	—	630, 800, 1000, 1250	16714.00	23076.00
	NW12H1	65	65	65	—		19014.00	25616.00
	NW12H2	100	100	85	—		19776.00	26652.00
	NW12L1	150	150	100	—		25804.00	35036.00
	NW12H10	—	—	—	50		21330.00	28702.00
1600	NW16N1	42	42	42	—	800, 1000, 1250, 1600	19052.00	26266.00
	NW16H1	65	65	65	—		21584.00	29122.00
	NW16H2	100	100	85	—		22434.00	30282.00
	NW16L1	150	150	100	—		34130.00	46398.00
	NW16H10	—	—	—	50		23898.00	32208.00
2000	NW20H1	65	65	65	—	1000, 1250, 1600, 2000	26166.00	34550.00
	NW20H2	100	100	85	—		29436.00	39014.00
	NW20H3	150	150	100	—		31590.00	41868.00
	NW20L1	150	150	100	—		39476.00	52878.00
	NW20H10	—	—	—	50		28480.00	37634.00
2500	NW25H1	65	65	65	—	1250, 1600, 2000, 2500	35318.00	46932.00
	NW25H2	100	100	85	—		38950.00	51894.00
	NW25H3	150	150	100	—		42296.00	56006.00
	NW25H10	—	—	—	50		37632.00	50020.00
3200	NW32H1	65	65	65	—	1600, 2000, 2500, 3200	47438.00	63474.00
	NW32H2	100	100	85	—		51070.00	68438.00
	NW32H3	150	150	100	—		56050.00	73892.00
	NW32H10	—	—	—	50		49752.00	66560.00
4000	NW40H1	65	65	65	—	2000, 2500, 3200, 4000	78548.00	103138.00
	NW40H2	100	100	85	—		84368.00	111080.00
	NW40H3	150	150	100	—		91386.00	119828.00
	NW40H10	—	—	—	50		80864.00	106222.00
Y-Frame								
5000	NW50H1	100	100	100	—	2500, 3200, 4000, 5000	97036.00	127196.00
	NW50H2	150	150	100			116346.00	153530.00
6300	NW63H1	100	100	100	—	3200, 4000, 5000, 6300	131448.00	171902.00
	NW63H2	150	150	100			166728.00	220600.00

▲ Includes sensor plug.
 ■ 1000 V for T-Frame.

Table 5: W- and Y-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	16970.00	22266.00
1000	NW10HF	85	85	85	—	85	18966.00	24860.00
1250	NW12HF	85	85	85	—	85	22440.00	29374.00
1600	NW16HF	85	85	85	—	85	25232.00	33004.00
2000	NW20HF	85	85	85	—	85	31950.00	41738.00
2500	NW25HF	85	85	85	—	85	41856.00	54616.00
3200	NW32HF	85	85	85	—	85	54582.00	71160.00
4000	NW40HF	85	85	85	—	85	87382.00	113802.00

▲ 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 6: 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	10658.00	14776.00
	NT08HA10	—	—	—	20	20	14020.00	21164.00
1000	NT10HA	42	42	42	—	42	13214.00	18092.00
	NT10HA10	—	—	—	20	20	16880.00	24880.00
1250	NT12HA	42	42	42	—	42	15764.00	21412.00
	NT12HA10	—	—	—	20	20	19740.00	28598.00
1600	NT16HA	42	42	42	—	42	16274.00	22072.00
	16HA10	—	—	—	20	20	20308.00	29336.00
W-Frame								
800	NW08NA	42	42	42	—	42	11842.00	16418.00
	NW08HA	50	50	50	—	50	13262.00	19408.00
	NW08HA10	—	—	—	50	50	15578.00	23516.00
1000	NW10NA	42	42	42	—	42	14682.00	20104.00
	NW10HA	50	50	50	—	50	16440.00	23538.00
	NW10HA10	—	—	—	50	50	18756.00	27644.00
1250	NW12NA	42	42	42	—	42	17516.00	23790.00
	NW12HA	50	50	50	—	50	19618.00	27670.00
	NW12HA10	—	—	—	50	50	21934.00	31776.00
1600	NW16NA	42	42	42	—	42	18080.00	24524.00
	NW16HA	50	50	50	—	50	20250.00	28488.00
	NW16HA10	—	—	—	50	50	22566.00	32596.00
2000	NW20HA	50	50	50	—	50	24578.00	32972.00
	NW20HA10	—	—	—	50	50	21942.00	30640.00
2500	NW25HA	50	50	50	—	50	29046.00	38782.00
	NW25HA10	—	—	—	50	50	31362.00	42888.00
3200	NW32HA	50	50	50	—	50	45082.00	59626.00
	NW32HA10	—	—	—	50	50	47396.00	63734.00
4000	NW40HA	50	50	50	—	50	72128.00	94792.00
	NW40HA10	—	—	—	50	50	74444.00	98898.00
Y-Frame								
5000	NW50HA	85	85	85	—	85	85582.00	112282.00
6300	NW63HA	85	85	85	—	85	125014.00	163538.00

▲ 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.

Cradle

Table 7: 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 NT08H10	NT08HA NT08HA10	3482.00	4530.00
	NT08L1	—	3580.00	4660.00
1000	NT10H1 NT10H10	NT10HA NT10HA10	3482.00	4530.00
	NT10L1	—	3580.00	4660.00
1250	NT12H1 NT12H10	NT12HA, NT12HA10	3482.00	4530.00
1600	NT16H1 NT16H10	NT16HA, NT16HA10	3482.00	4530.00
W-Frame				
800	NW08N1	NW08NA	3870.00	5032.00
	NW08H1	NW08HA		
	NW08H2	NW08HF		
	NW08H10	NW08HA10		
1000	NW08L1	—	3980.00	5174.00
	NW10N1	NW08NA	3870.00	5032.00
	NW10H1	NW08HA		
	NW10H2	NW08HF		
	NW10H10	NW08HA10		
1250	NW10L1	—	3980.00	5174.00
	NW12N1	NW08NA	3870.00	5032.00
	NW12H1	NW08HA		
	NW12H2	NW08HF		
	NW12H10	NW08HA10		
1600	NW12L1	—	3980.00	5174.00
	NW16N1	NW08NA	3870.00	5032.00
	NW16H1	NW08HA		
	NW16H2	NW08HF		
	NW16H10	NW08HA10		
2000	NW16L1	—	3980.00	5174.00
	NW20H1	NW20HA	3912.00	5084.00
	NW20H2	NW20HF		
	NW20H10	NW20HA10		
2500	NW20H3	—	3966.00	5156.00
	NW20L1	—	4024.00	5228.00
	NW25H1	NW25HA	8360.00	10734.00
	NW25H2	NW25HF		
	NW25H10	NW25HA10		
3200	NW25H3	—	8598.00	11174.00
	NW32H1	NW32HA	8360.00	10868.00
	NW32H2	NW32HF		
	NW32H10	NW32HA10		
4000	NW32H3	—	8598.00	11174.00
	NW40H1	NW40HA	12324.00	16018.00
	NW40H2	NW40HF		
	NW40H10	NW40HA10		
6300	NW40H3	—	12678.00	16472.00
	NW63H1	NW63HA	41048.00	53362.00
Y-Frame				
5000	NW50H1	NW50HA	29382.00	38194.00
	NW50H2	—		
6300	NW63H1	NW63HA	41048.00	53362.00
	NW63H2	—		

Circuit Breaker/Cradle Connectors

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

Table 8: 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 9: 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).

Table 10: Trip Unit

Model	Protection	Additional Features	Field-installable Catalog Number▲	\$ Kit Price/ Circuit Breaker Price Adder
2.0	LS0	None	S132R	2920.00
5.0	LSI		S133A	4176.00
2.0A	LS0	Ammeter	S142R◆	4554.00
5.0A	LSI		S143A◆	5812.00
6.0A	LSIG	Metering, Advanced Protection	S144A◆	7418.00
5.0P	LSI		S163A◆	8720.00 ■
6.0P	LSIG	Metering, Advanced Protection & Harmonic Analysis	S164A◆	10324.00 ■
5.0H	LSI		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 **\$190.** 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 11: Trip Unit Adjustable Rating Plug

Standard	Options	Settings (Tolerance:1.05–1.2)	Field-installable Kit		
			Trip Unit Character 5	Catalog Number	\$ Price ■
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 Certified to ABS-NVR catalog (0613CT0601) for details.

Table 12: 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 Masterpact Low-voltage Power Circuit Breaker catalog (Class 0613) for details.

Table 13: 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.

Neutral Sensor

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

Table 14: 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	Externa 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	
1200/1250 A	S48896	N/A	NA	2044.00
1600 A	S48182	N/A	NA	2208.00

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

Table 15: 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	2014.00			S48903	3168.00						
	600/630	S34036				S48903									
	800														
	1000														
	1200/1250														
	1600	S48896		2044.00	S48896			2044.00				N/A	—		
	2000													S48896	
	2500	S48182		2208.00	S48182			N/A						—	
	3000														
	3200														
	4000									N/A	—				S48182
4000	N/A		—				S48182								
Y	2000	S48897▲	4426.00	S48897▲	4426.00	S48898▲	4584.00	S48898▲	4584.00	S33579	570.00				
	2500							S48897▲				—			
	3000														
	3200														
	4000			N/A	—	S48897▲	—								
	5000														
	6000														
	6300								N/A			—			

▲ 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 Ir where Ir = long time pick-up.

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

Table 16: 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 17: 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 18: 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 (BPFE)	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 19: 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 20: 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 21: 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 ■				
48–60 ac/dc		S33680		1140.00
100–130 ac/dc		S33681		
200–240 ac/dc		S33682		
380–480 ac		S33683		
Non-adjustable Time Delay Module ■				
100–130 ac/dc		S33684		930.00
200–240 ac/dc		S33685		

▲ Incompatible with second shunt trip.

■ For time delayed undervoltage trip, order the instantaneous UV trip + the time-delay module.

Table 22: 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 23: 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 24: Circuit Breaker Locking Options

Description	One Lock		\$ Price	Two Locks (W/Y-Frame only)		\$ Price
	T-Frame	W/Y-Frame		Identical	Different	
Kirk Key Lock + Provision■	S48939	S48945	2546.00	S48946	S48947	4092.00
Federal Pioneer Lock + Provision■	S48942	S48948	2314.00	S48949	S48950	3722.00
Provision for Kirk/Federal Pioneer 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 Federal Pioneer locks, please fill out the keylock order form from page 26.

Table 25: 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 26: Cradle Communications Module

Communications Type	Catalog Number	\$ Price
MODBUS	S48377	2002.00

Table 27: 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	S48935	680.00	S48936	908.00
Shutter Indicator	S48932	126.00	S48932	126.00
Shutter Padlock Provision	S48931	100.00	S48931	100.00
Secondary Disconnects Terminal Shield	S48595	296.00	S48596	394.00
Y-Frame				
Safety Shutter	S48937	1162.00	S48938	1548.00
Shutter Indicator	S48932	126.00	S48932	126.00
Shutter Padlock Provision	S48931	100.00	S48931	100.00
Secondary Disconnects Terminal Shield	S48597	376.00	S48598	502.00

Table 28: 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 29: 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.

Table 30: Cradle Cell Keying and Cradle Position Locking

Description	T-Frame	W/Y-Frame	\$ Price
Cell Keying Kit (Standard)	S33767	S48562	96.00
Key Locks—Kirk/Federal Pioneer			
1 Kirk Lock▲■	S48917	S48923	2154.00
2 Identical Kirk Locks▲■	S48918	S48924	3312.00
2 Different Kirk Locks▲■	S48919	S48925	3312.00
1 Federal Pioneer Lock▲■	S48920	S48926	1960.00
2 Identical Federal Pioneer Locks▲■	S48921	S48927	3012.00
2 Different Federal Pioneer Locks▲■	S48922	S48928	3012.00
Provision for 2 Kirk/Federal Pioneer Locks	S33936	S48565	908.00
Provision for 1 Kirk/Federal Pioneer 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 Federal Pioneer locks, please fill out the keylock order form from page 26.

Table 31: Cradle Miscellaneous Accessories

Description	T-Frame	\$ Price	W/Y-Frame	\$ Price
Door Interlock Kit	S33786	330.00	S48579	330.00
Racking Interlock Kit	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.

Table 32: 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
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 33: 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 34: 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 35: 24 Vdc Power Supply and Battery Back-up 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 Back-up (12 Hours)	685831	3260.00
Trip Unit Battery for Trip Indicator Lights	S33593	438.00

Table 36: 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 37: 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 38: 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.

Table 39: 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 40: Miscellaneous Spare Parts for Masterpact® NW Circuit Breakers

Catalog Number	Description	\$ Price
S47935	Type S Arc-chute (each) for: NW08—NW40 N1/H1/H2/NA/HA/HF	412.00
S47936	Type G Arc-chute (each) for: NW50—NW63 H1/H2/HA NW20—NW40 H3	588.00
S47937	Type B Arc-chute (each) for: NW08—NW20 L1	412.00
S47939 S47939U S47939L	Faceplate cover fixed & drawout	430.00
S47940	Spring charging handle	172.00
S47944	Racking handle	344.00
64274	Cradle interlock defeat tool	60.00

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 41: Retrofit Kits

Old Circuit Breaker being replaced	New Circuit Breaker without connectors	Retro Kit 3-pole Top	\$ Price	Retro Kit 3-pole Bottom	\$ Price	Retro Kit 4-pole Top	\$ Price	Retro 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	S48974Q	8364.00	S48974Q	8364.00
M 32 H1/H2/H1/HF Hor neutral left	NW32	S48973	7062.00	S48973	7062.00	S48973Q	8364.00	S48973Q	8364.00
M 32 H1/H2/H1/HF Hor neutral right	NW32	S48973	7062.00	S48973	7062.00	S48973Q	8364.00	S48973Q	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/H1/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

Masterpact M Neutral CT Retrofit Kits

If required, select the appropriate neutral CT based on the sensor plug ampere rating, Type IEC and frame rating of the Masterpact NW circuit breaker

Examples:

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.

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 Page 1 of 2

Selection

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:	Square D ☐	Merlin Gerin ☐
		Federal Pioneer ☐
Standard		IEC ☐
Type	NT ☐	NW ☐
Number of Poles	3 ☐	4 ☐
Frame rating	Amperes: _____	
Sensor plug rating	Amperes: _____	
Interrupting/	N1, NA, L1, H1	
Withstand rating	H2, H3, H10, HA, HA10, HF _____	
Cradle options:	Circuit breaker with cradle▲ ☐ Circuit breaker without cradle ☐ Cradle only◆ ☐ Fixed breaker ☐	
Optional characterization for CTs	☐	

MICROLOGIC® Trip Units	
Dummy Trip Unit (for switch only)	☐
Basic Trip Unit	
Basic protection	2.0 ☐
Selective protection	5.0 ☐
Trip Unit with Ammeter	
Basic protection	2.0A ☐
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 (R=IEC) (for non-standard, see page 6) _____	
Choose one: External neutral sensor	(CT) ☐
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)	☐

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)	_____ Vac
OR	_____ 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 (Complete only if ordering cradle without circuit breaker)	
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) (OF)	☐
Wiring for eight additional form C auxiliary switches (push-in terminals) (OF)	☐

Manufacturing Numbers Provided with Quotation

Circuit Breaker: _____

Cradle: _____

Order circuit breaker from Square D-Westchester facility.

▲ See Delivery Schedule on the next page

REQUEST FOR QUOTATION FORM

Auxiliary, Alarm and Cradle Position Switches			
Auxiliary switch (OF) choose one:	Push-in type terminal		
	4a/4b form C (std.)	☐	
	4a/4b low level NT	☐	
	8a/8b form C▼	☐	
	12a/12b form C▼	☐	
Overcurrent trip switches			
Standard (1a/1b form C)	(SDE1) standard		
Additional overcurrent trip switches (choose one)			
(1a/1b form C) (incompatible with RES)	(SDE2)	☐	
(1a/1b form C) (incompatible with RES)	(low-level SDE2)	☐	
Ready-to-close switch (PF)	Std ☐	low level ☐	
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)		
Locking and Interlocking		Cradle	Brkr
Padlockable push button cover		☐	
Padlock provision only			☐
One key lock (select manufacturer below)		☐	☐
Two key locks keyed alike			
(select manufacturer below)		☐	☐
Two key locks keyed differently			
(select manufacturer below)		☐	☐
Key lock manufacturer:			
KIRK	☐	RONIS	☐
FEDERAL PIONEER	☐	PROFALUX	☐
		CASTELL	☐

▼ Not available on MASTERPACT NT (T-frame circuit breaker)

Cradle Connections			
Front-connected			☐
Rear-connected			
800–3200 A	Rear-connected "T" vertical	(RCTV)	☐
	Rear-connected "T" horizontal	(RCTH)	☐
Cradle Interlocking and Accessories			
Door interlock			☐
Racking interlock between racking crank and Off position			☐
Open door racking interlock			☐
Automatic spring discharge			☐
Cradle rejection kit		standard	
Terminal shield			☐
Rail padlocking			☐
Miscellaneous Accessories			
Mechanical operation counter			☐
Shutter with padlock provision (standard)			☒
Shutter with padlock provision and position indicator			☐
Transparent cover w/ door escutcheon (drawout circuit breaker only)			☐
Lifting device for	lifting hooks (set of 2)		☐
T-frame, W-frame, or Y-frame circuit breaker	lifting bar (short)		☐
	lifting bar (long)		☐
Test Equipment			
Hand-held test kit			☐
Full-function test kit			☐

Manufacturing Number Provided with Quotation		List Price	
Circuit Breaker:		\$	
Cradle:		\$	
Order from Square D-Westchester		Total \$	
			Delivery (from receipt of order)
▲ Delivery Schedule			
Circuit breaker and cradle to be shipped together			☐
Cradle to be shipped prior to circuit breaker			☐

SQUARE D CONDITIONS OF SALE APPLY

Schneider Electric USA

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1-888-778-2733
www.schneider-electric.us

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