

Sử dụng Mycompact/ Product Selector để đặt hàng MasterPact MTZ và phụ kiện

Phụ kiện phải được lắp ráp vào trong máy cắt bởi trung tâm lắp ráp Schneider Electric

Ngoại trừ các mã hàng với SP (xxxxxxxSP) có thể mua rời

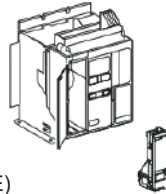
MasterPact MTZ1 Type H3 + Micrologic 2.0 X Manually Operated



Micrologic 2.0X
Digital Module
MTZ App Handphone

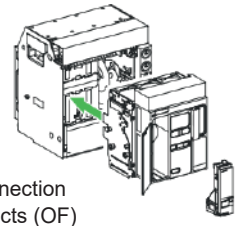
A MasterPact fixed circuit breaker is included

- The basic circuit breaker
- A control unit
- Horizontal top & bottom connection
- 4 ON/OFF indication contacts (OF)
- 1 "Fault trip" indication contacts (SDE)
- Digital Module Energy per Phase for Micrologic X
- A communication option and various auxiliaries and accessories may also be added



A MasterPact drawout circuit breaker is included

- The basic circuit breaker
- a control unit
- a chassis
- Horizontal top & bottom connection
- 4 ON/OFF indication contacts (OF)
- Digital Module Energy per Phase for Micrologic X
- 1 "Fault trip" indication contacts (SDE)
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Unit price (incl.VAT) in VND



MasterPact MTZ1
fixed type

Manual Fixed						
H3- Icu @220/440Vac (kA)						
MTZ1	Rating In (A)	Icu (kA)	Description 3P	Unit Price	Description 4P	Unit Price
MTZ1 06	630	66	MTZ106H32.0X3PMF	116.345.900	MTZ106H32.0X4PMF	143.040.700
MTZ1 08	800	66	MTZ108H32.0X3PMF	117.676.900	MTZ108H32.0X4PMF	143.040.700
MTZ1 10	1000	66	MTZ110H32.0X3PMF	119.648.100	MTZ110H32.0X4PMF	148.986.200
MTZ1 12	1250	66	MTZ112H32.0X3PMF	124.672.900	MTZ112H32.0X4PMF	154.416.900
MTZ1 16	1600	66	MTZ116H32.0X3PMF	136.661.800	MTZ116H32.0X4PMF	175.949.400



MasterPact MTZ1
Drawout type

Manual Drawout						
H3- Icu @220/440Vac (kA)						
MTZ1	Rating In (A)	Icu (kA)	Description 3P	Unit Price	Description 4P	Unit Price
MTZ1 06	630	66	MTZ106H32.0X3PMD	156.102.100	MTZ106H32.0X4PMD	184.596.500
MTZ1 08	800	66	MTZ108H32.0X3PMD	156.102.100	MTZ108H32.0X4PMD	184.596.500
MTZ1 10	1000	66	MTZ110H32.0X3PMD	167.013.000	MTZ110H32.0X4PMD	194.060.900
MTZ1 12	1250	66	MTZ112H32.0X3PMD	170.723.300	MTZ112H32.0X4PMD	201.264.800
MTZ1 16	1600	66	MTZ116H32.0X3PMD	193.597.800	MTZ116H32.0X4PMD	239.500.800

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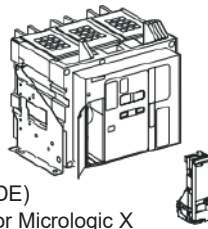
MasterPact MTZ2 & MTZ3 Type H1/H2 + Micrologic 2.0X Manually Operated



Micrologic 2.0X
Digital Module
MTZ App Handphone

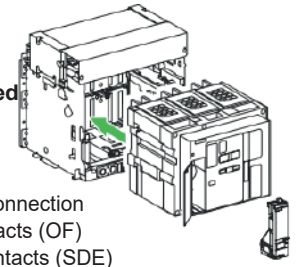
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A MasterPact drawout circuit breaker is included

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- a chassis
- Horizontal top & bottom connection
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- 1 "Fault trip" indication contacts (SDE)
- Digital Module Energy per Phase for Micrologic X
- ULP PORT MODULE
- A communication option and various auxiliaries and accessories may also be added



MasterPact MTZ2
fixed type

Manual Fixed						
H1- Icu @220/440Vac (kA)						
MTZ2 & MTZ3	Rating In (A)	Icu (kA)	Description 3P	Unit Price	Description 4P	Unit Price
MTZ2 08	800	66	MTZ208H12.0X3PMF	115.230.500	MTZ208H12.0X4PMF	142.778.900
MTZ2 10	1000	66	MTZ210H12.0X3PMF	120.464.300	MTZ210H12.0X4PMF	150.473.400
MTZ2 12	1250	66	MTZ212H12.0X3PMF	127.184.200	MTZ212H12.0X4PMF	157.864.300
MTZ2 16	1600	66	MTZ216H12.0X3PMF	136.683.800	MTZ216H12.0X4PMF	178.467.300
MTZ2 20	2000	66	MTZ220H12.0X3PMF	150.824.300	MTZ220H12.0X4PMF	200.098.800
MTZ2 25	2500	66	MTZ225H12.0X3PMF	212.689.400	MTZ225H12.0X4PMF	267.073.400
MTZ2 32	3200	66	MTZ232H12.0X3PMF	249.724.200	MTZ232H12.0X4PMF	312.792.700
MTZ2 40	4000	66	MTZ240H12.0X3PMF	383.636.000	MTZ240H12.0X4PMF	477.525.400
MTZ3 40	4000	100	MTZ340H12.0X3PMF	508.504.700	MTZ340H12.0X4PMF	628.216.600
MTZ3 50	5000	100	MTZ350H12.0X3PMF	650.818.300	MTZ350H12.0X4PMF	810.339.200
MTZ3 63	6300	100	MTZ363H12.0X3PMF	801.763.600	MTZ363H12.0X4PMF	1.082.224.000



MasterPact MTZ3
Drawout type

Manual Drawout						
H1- Icu @220/440Vac (kA)						
MTZ2 & MTZ3	Rating In (A)	Icu (kA)	Description 3P	Unit Price	Description 4P	Unit Price
MTZ2 08	800	66	MTZ208H12.0X3PMD	160.702.300	MTZ208H12.0X4PMD	192.578.100
MTZ2 10	1000	66	MTZ210H12.0X3PMD	169.519.900	MTZ210H12.0X4PMD	197.952.700
MTZ2 12	1250	66	MTZ212H12.0X3PMD	173.736.200	MTZ212H12.0X4PMD	201.902.800
MTZ2 16	1600	66	MTZ216H12.0X3PMD	197.188.200	MTZ216H12.0X4PMD	239.849.500
MTZ2 20	2000	66	MTZ220H12.0X3PMD	216.750.600	MTZ220H12.0X4PMD	265.635.700
MTZ2 25	2500	66	MTZ225H12.0X3PMD	273.697.600	MTZ225H12.0X4PMD	338.200.500
MTZ2 32	3200	66	MTZ232H12.0X3PMD	354.302.300	MTZ232H12.0X4PMD	417.072.700
MTZ2 40	4000	66	MTZ240H12.0X3PMD	496.571.900	MTZ240H12.0X4PMD	601.178.600
MTZ3 40	4000	100	MTZ340H12.0X3PMD	668.479.900	MTZ340H12.0X4PMD	876.662.600
MTZ3 50	5000	100	MTZ350H12.0X3PMD	837.097.800	MTZ350H12.0X4PMD	1.086.079.500
MTZ3 63	6300	100	MTZ363H12.0X3PMD	1.096.132.400	MTZ363H12.0X4PMD	1.472.758.100

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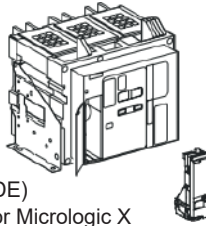
MasterPact MTZ2 & MTZ3 Type H2 + Micrologic 2.0X Manually Operated



Micrologic 2.0X Digital Module
 MTZ App Handphone

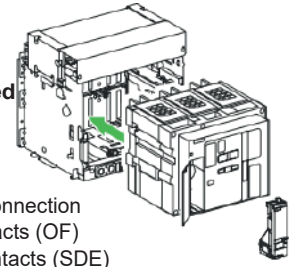
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- 4 ON/OFF indication contacts (OF)
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A MasterPact drawout circuit breaker is included

- The basic circuit breaker
- a control unit
- a chassis
- Horizontal top & bottom connection
- 4 ON/OFF indication contacts (OF)
- 1 "Fault trip" indication contacts (SDE)
- Digital Module Energy per Phase for Micrologic X
- ULP PORT MODULE
- A communication option and various auxiliaries and accessories may also be added



Unit price (incl.VAT) in VND

Manual Fixed						
H2- Icu @220/440Vac (kA)						
MTZ2 & MTZ3	Rating In (A)	Icu (kA)	Description 3P	Unit Price	Description 4P	Unit Price
MTZ2 08	800	100	MTZ208H22.0X3PMF	134.417.800	MTZ208H22.0X4PMF	165.099.000
MTZ2 10	1000	100	MTZ210H22.0X3PMF	140.684.500	MTZ210H22.0X4PMF	178.530.000
MTZ2 12	1250	100	MTZ212H22.0X3PMF	147.291.100	MTZ212H22.0X4PMF	180.445.100
MTZ2 16	1600	100	MTZ216H22.0X3PMF	171.728.700	MTZ216H22.0X4PMF	210.060.400
MTZ2 20	2000	100	MTZ220H22.0X3PMF	193.983.900	MTZ220H22.0X4PMF	254.895.300
MTZ2 25	2500	100	MTZ225H22.0X3PMF	246.650.800	MTZ225H22.0X4PMF	330.044.000
MTZ2 32	3200	100	MTZ232H22.0X3PMF	304.904.600	MTZ232H22.0X4PMF	381.547.100
MTZ2 40	4000	100	MTZ240H22.0X3PMF	447.437.100	MTZ240H22.0X4PMF	589.684.700
MTZ3 40	4000	150	MTZ340H22.0X3PMF	598.145.900	MTZ340H22.0X4PMF	810.360.100
MTZ3 50	5000	150	MTZ350H22.0X3PMF	763.831.200	MTZ350H22.0X4PMF	1.037.839.000
MTZ3 63	6300	150	MTZ363H22.0X3PMF	907.871.800	MTZ363H22.0X4PMF	1.377.190.100



MasterPact MTZ2 fixed type

Manual Drawout						
H2- Icu @220/440Vac (kA)						
MTZ2 & MTZ3	Rating In (A)	Icu (kA)	Description 3P	Unit Price	Description 4P	Unit Price
MTZ2 08	800	100	MTZ208H22.0X3PMD	203.889.400	MTZ208H22.0X4PMD	246.192.100
MTZ2 10	1000	100	MTZ210H22.0X3PMD	215.404.200	MTZ210H22.0X4PMD	256.176.800
MTZ2 12	1250	100	MTZ212H22.0X3PMD	215.172.100	MTZ212H22.0X4PMD	263.479.700
MTZ2 16	1600	100	MTZ216H22.0X3PMD	246.820.200	MTZ216H22.0X4PMD	299.220.900
MTZ2 20	2000	100	MTZ220H22.0X3PMD	291.205.200	MTZ220H22.0X4PMD	344.978.700
MTZ2 25	2500	100	MTZ225H22.0X3PMD	352.139.700	MTZ225H22.0X4PMD	428.830.600
MTZ2 32	3200	100	MTZ232H22.0X3PMD	452.173.700	MTZ232H22.0X4PMD	544.377.900
MTZ2 40	4000	100	MTZ240H22.0X3PMD	628.138.500	MTZ240H22.0X4PMD	744.340.300
MTZ3 40	4000	150	MTZ340H22.0X3PMD	870.028.500	MTZ340H22.0X4PMD	1.039.678.200
MTZ3 50	5000	150	MTZ350H22.0X3PMD	1.083.703.500	MTZ350H22.0X4PMD	1.293.072.000
MTZ3 63	6300	150	MTZ363H22.0X3PMD	1.408.080.300	MTZ363H22.0X4PMD	1.667.762.800



MasterPact MTZ3 Drawout type

MasterPact MTZ Micrologic Trip Unit

Sử dụng Mypact/ Product Selector để đặt hàng MasterPact MTZ và phụ kiện
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Khi chọn Micrologic X trip unit khác Micrologic 2.0X, giá thêm vào máy cắt MasterPact MTZ như trong bảng sau



Unit price (incl.VAT) in VND

Micrologic X Control Unit					
Class1 IEC 61557-12 certified power meter					
		Reference	Unit Price	Reference	Unit Price
		MTZ1/fixed		MTZ1/Drawout	
Micrologic 5.0X	selective protection	LV847283	30.246.700	LV847284	30.246.700
Micrologic 6.0X	selective + earth fault protection	LV847288	32.408.200	LV847292	32.408.200
Micrologic 7.0X (*)	selective + earth leakage protection	LV847287	35.651.000	LV865307	39.789.200

(*) Only for breaker up to 3200 A. Required rectangular sensor for earth-leakage protection

Micrologic X Control Unit					
Class1 IEC 61557-12 certified power meter					
		Reference	Unit Price	Reference	Unit Price
		MTZ2/3 fixed		MTZ2/3 Drawout	
Micrologic 5.0X	selective protection	LV847283	30.246.700	LV848499	32.081.500
Micrologic 6.0X	selective + earth fault protection	LV847288	32.408.200	LV848500	34.375.000
Micrologic 7.0X (*)	selective + earth leakage protection	LV847287	35.651.000	LV848362	37.811.400

(*) Only for breaker up to 3200 A. Required rectangular sensor for earth-leakage protection

Digital Modules Optionn (3P/4P)			Reference	Unit Price
Under voltage and over voltage -ANSI 27/59			LV850012	3.358.300
Reverse active power - ANSI 32P			LV850011	3.358.300
Ground-fault alarm - ANSI 51N/51G			LV850007	3.358.300
Energy Reduction Maintenance Settings - ERMS			LV850009	3.358.300
Energy per phase			LV850002	3.360.500
Individual harmonics analysis			LV850006	3.572.800
Power restoration assistant			LV850004	3.360.500
Masterpact operation assistant			LV850005	4.251.500
Waveform capture on trievent			LV850003	3.575.000
Modbus legacy dataset			LV850045	3.358.300

Micrologic Trip Unit Accessories

Unit price (incl.VAT) in VND

External sensor for earth-fault protection (TCE) / 1 part			Reference	Unit Price
MTZ1 06 to MTZ1 16: TC 400/1600			LV833576SP	23.149.500
MTZ2 08 to MTZ2 20: TC 400/2000			LV834035SP	29.942.000
MTZ2 25 to MTZ2 40: TC 1000/4000			LV834036SP	34.639.000
MTZ3 40 to MTZ3 63: TC 4000/6300.			LV848182SP	66.005.500



External Sensor

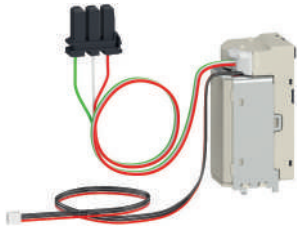
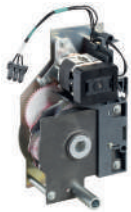
Rectangular sensor for earth-leakage protection			Reference	Unit Price
Dimension				
280 mm x 115 mm	up to 1600A for MasterPact MTZ1 and MTZ2, MTZ3		LV833573SP	103.576.000
470 mm x 160 mm	up to 3200A for MasterPact MTZ2, MTZ3.		LV833574SP	139.210.500

Source ground return (SGR) earth fault protection			Reference	Unit Price
External sensor (SGR)			LV833579SP	14.366.000
MDGF summing module			LV848891SP	38.395.500

Auxiliaries of MasterPact MTZ1

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Unit price (incl.VAT) in VND



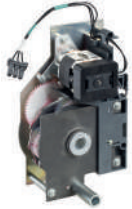
Indication Contacts	Voltage	Fixed		Drawout	
		Reference	Unit Price	Reference	Unit Price
"Fault trip" Indication Contacts (SDE)					
Changeover contact - 1 (standard- delivered with breaker)					
1 additional SDE	6A - 240V	LV847340	1.292.500	LV847430	1.595.000
Carriage switches (connected / disconnected / test position)					
1 connected position contact				LV833751	1.166.000
1 test position contact				LV833752	1.166.000
1 disconnected position				LV833753	1.166.000
Gear Motor (MCH)					
AC	100/130 V	LV847395	18.678.000	LV847465	18.678.000
	200/240 V	LV847396	18.678.000	LV847466	18.678.000
	277/415 V	LV847398	18.678.000	LV847468	18.678.000
DC	24/30V	LV847390	18.678.000	LV847460	18.678.000
	200/250V	LV847393	18.678.000	LV847463	18.678.000

Instantaneous Voltage Releases					
Closing Release (XF)					
		Reference	Unit Price	Reference	Unit Price
Standard	24/30 VDC, 24 VAC	LV847350	7.150.000	LV847440	7.150.000
	200/250 VAC/DC	LV847353	7.150.000	LV847443	7.150.000
	380/480 VAC	LV847355	7.150.000	LV847445	7.150.000
Diagnostics & Communicating	24/30 VDC, 24 VAC	LV847311	7.865.000	LV847412	7.865.000
	200/250 VAC/DC	LV847314	7.865.000	LV847415	7.865.000
	380/480 VAC	LV847316	7.865.000	LV847417	7.865.000
Opening release (MX)					
Standard	24/30 VDC, 24 VAC	LV847360	7.150.000	LV833810	7.150.000
	200/250 VAC/DC	LV847363	7.150.000	LV833813	7.150.000
	380/480 VAC	LV847365	7.150.000	LV833815	7.150.000
Diagnostics & Communicating	24VDC, 24 VAC	LV847321	7.865.000	LV833792	7.865.000
	200/250 VAC/DC	LV847324	7.865.000	LV833795	7.865.000
	380/480 VAC	LV847326	7.865.000	LV833797	7.865.000
Opening release (MN)					
Standard	24/30 VDC, 24 VAC	LV847380	7.150.000	LV833819	7.150.000
	200/250 VAC/DC	LV847383	7.150.000	LV833822	7.150.000
	380/480 VAC	LV847385	7.150.000	LV833824	7.150.000
Diagnostics	24VDC, 24 VAC	LV836700	7.865.000	LV836710	7.865.000
	200/250 VAC/DG	LV836703	7.865.000	LV836713	7.865.000
	380/480 VAC	LV836704	7.865.000	LV836714	7.865.000

Mechanical interlocking for source chngover			
Interlocking of 2 devices using connecting rods		Reference	Unit Price
Choose 1 kit of 2 adaptation fixtures + 1 set of rods		LV833203SP	10.510.500
Kit of 2 MasterPact MTZ1 adaptation fixtures for fixed devices		LV833204SP	10.512.700
Kit of 2 MasterPact MTZ1 adaptation fixtures for drawout devices		LV833210SP	3.800.500
1 set of 2 interlocking rods			
Interlocking using cables [1]			
Choose 2 adaptation fixtures (1 for each breaker) + 1 set of cables			
1 adaptation fixture for MasterPact MTZ1 fixed devices		LV833200SP	7.942.000
1 adaptation fixture for MasterPact MTZ1 drawout devices		LV833201SP	7.942.000
1 set of 2 cables		LV833209SP	5.038.000
[1] Can be used with any combination of MTZ, fixed or drawout devices.			
Escutcheon and accessories		Fixed	Drawout
Escutcheon		LV833718SP	1.650.000
Transparent cover IP54			LV833859SP
Escutcheon blanking plate			LV833858SP
			1.881.000
			11.154.000
			1.897.500

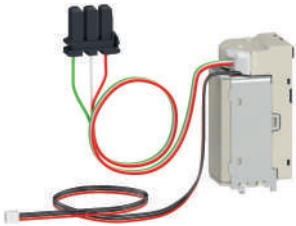
Auxiliaries of MasterPact MTZ2&3

Unit price (incl.VAT) in VND



Indication Contacts		Fixed		Drawout	
ON/OFF Indication Contacts (OF)	Voltage	Reference	Unit Price	Reference	Unit Price
Block of 4 changeover contacts- 1 block (delivered with breaker)					
1 additional block of contacts (2 max)		LV848198	2.772.000	LV848468	2.772.000
"Fault trip" Indication Contacts (SDE)					
Changeover contact - 1 (standard- delivered with breaker)					
1 additional SDE		LV848200	1.083.500	LV848477	1.947.000
Carriage switches (connected / disconnected / test position)					
1 connected position contact				LV833751	1.166.000
1 test position contact				LV833752	1.166.000
1 disconnected position				LV833753	1.166.000
Gear Motor (MCH)					
AC	100/130 V	LV848211	18.678.000	LV848526	18.678.000
	200/240 V	LV848212	18.678.000	LV848527	18.678.000
	277/415 V	LV848214	18.678.000	LV848529	18.678.000
DC	24/30V	LV848206	18.678.000	LV848521	18.678.000
	200/250V	LV848209	18.678.000	LV848524	18.678.000

Instantaneous Voltage Releases					
Closing Release (XF)		Reference	Unit Price	Reference	Unit Price
Standard	24/30 VDC, 24 VAC	LV847350	7.150.000	LV848481	7.150.000
	200/250 VAC/DC	LV847353	7.150.000	LV848484	7.150.000
	380/480 VAC	LV847355	7.150.000	LV848486	7.150.000
Diagnostics & Communicating	24/30 VDC, 24 VAC	LV847311	7.865.000	LV848449	7.865.000
	200/250 VAC/DC	LV847314	7.865.000	LV848452	7.865.000
	380/480 VAC	LV847316	7.865.000	LV848454	7.865.000
Opening release (MX)					
Standard	24/30 VDC, 24 VAC	LV847360	7.150.000	LV848491	7.150.000
	200/250 VAC/DC	LV847363	7.150.000	LV848494	7.150.000
	380/480 VAC	LV847365	7.150.000	LV848496	7.150.000
Diagnostics & Communicating	24VDC, 24 VAC	LV847321	7.865.000	LV848458	7.865.000
	200/250 VAC/DC	LV847324	7.865.000	LV848461	7.865.000
	380/480 VAC	LV847326	7.865.000	LV848463	7.865.000
Opening release (MN)					
Standard	24/30 VDC, 24 VAC	LV847380	7.150.000	LV848501	7.150.000
	200/250 VAC/DC	LV847383	7.150.000	LV848504	7.150.000
	380/480 VAC	LV847385	7.150.000	LV848506	7.150.000
Diagnostics	24VDC, 24 VAC	LV836700	7.865.000	LV836705	7.865.000
	200/250 VAC/DC	LV836703	7.865.000	LV836708	7.865.000
	380/480 VAC	LV836704	7.865.000	LV836709	7.865.000



Mechanical interlocking for source changeover					
Interlocking of 2 devices using connecting rods				Reference	Unit Price
Complete assembly with 2 adaptation fixtures + rods					
1 set of 2 adaptation fixtures for MasterPact MTZ2 or MTZ3 fixed or drawout device				LV847930SP	11.038.500
1 set of 2 interlocking rods				LV833210SP	3.800.500
Note: Can be used with 1 MTZ2/3 fixed + 1 MTZ2/3 drawout.					
Interlocking using cables [1]					
Choose 2 adaptation fixtures (1 for each device) + 1 set of cables					
1 adaptation fixture for MasterPact MTZ2/3 fixed devices				LV847926SP	7.947.500
1 adaptation fixture for MasterPact MTZ2/3 drawout devices				LV847926SP	7.947.500
1 set of 2 cables of 2.5 m				LV833209SP	5.038.000
Choose 1 interlocking kit (including 3 adaptation fixtures + cables)					
3 sources, only 1 device closed, fixed or drawout devices				LV848610SP	46.563.000
2 sources + 1 coupling, fixed or drawout devices				LV848609SP	65.191.500
2 normal + 1 replacement source, fixed or drawout devices				LV848608SP	46.563.000
[1] Can be used with any combination of MTZ, fixed or drawout devices.					
Escutcheon and accessories		Fixed		Drawout	
Escutcheon		LV848601SP	1.232.000	LV848603SP	1.380.500
Transparent cover IP54				LV848604SP	12.793.000
Escutcheon blanking plate		LV848605SP	3.520.000	LV848605SP	3.520.000

ACB- EasyPact EVS 800-4000A

Bảo vệ bằng trip điện tử ET
 Trip unit chỉnh định từ 0.4 -1
 Lắp đặt kiểu cố định/ rút kéo
 Dùng chung một vài phụ kiện với EasyPact MVS

EasyPact EVS cơ bản bao gồm:
 Khung CB :
 Bộ đầu nối phía sau, nằm ngang (trên & dưới)
 Trip ET2I
 4 tiếp điểm báo trạng thái
 1 tiếp điểm báo sự cố

Ui: 1000Vac
 Ue: 690Vac
 Icu: 65kA@440Vac
 Icu = Ics = Icw @1s

EasyPact EVS Fix type 65KA with Trip System ET2I



Dòng điện (A)	Mã hàng 3P	Đơn giá (VND)	Mã hàng 4P	Đơn giá (VND)
800	EVS08H3MF20	80.069.000	EVS08H4MF20	91.432.000
1000	EVS10H3MF20	81.691.500	EVS10H4MF20	95.749.500
1250	EVS12H3MF20	83.666.000	EVS12H4MF20	101.893.000
1600	EVS16H3MF20	86.256.500	EVS16H4MF20	103.510.000
2000	EVS20H3MF20	96.354.500	EVS20H4MF20	114.977.500
2500	EVS25H3MF20	109.549.000	EVS25H4MF20	121.907.500
3200	EVS32H3MF20	126.824.500	EVS32H4MF20	150.089.500
4000	EVS40H3MF20	199.639.000	EVS40H4MF20	243.688.500

EasyPact EVS Drawout type 65KA with Trip System ET 2I



Dòng điện (A)	Mã hàng 3P	Đơn giá (VND)	Mã hàng 4P	Đơn giá (VND)
800	EVS08H3MW20	100.930.500	EVS08H4MW20	110.968.000
1000	EVS10H3MW20	101.513.500	EVS10H4MW20	113.289.000
1250	EVS12H3MW20	105.237.000	EVS12H4MW20	116.798.000
1600	EVS16H3MW20	111.930.500	EVS16H4MW20	119.333.500
2000	EVS20H3MW20	123.728.000	EVS20H4MW20	139.436.000
2500	EVS25H3MW20	131.142.000	EVS25H4MW20	146.355.000
3200	EVS32H3MW20	147.053.500	EVS32H4MW20	173.228.000
4000	EVS40H3MW20	289.800.500	EVS40H4MW20	359.348.000



Trip System ET2I

EasyPact MVS Type N & H, MVS 800 to 4000A

Rated voltage : Ue= 690V, 50/60Hz

Rated insulation voltage: Ui= 1000V

Impulse withstand voltage: Uimp = 12kV

Complying with IEC 947-2,

Ics = Icu = Icw @1s

Basic EasyPact MVS included:

Basic frame

Horizontal rear connection (top&bottom)

Trip unit ET2I

4 indication contact OF

1 fault indication contact SDE

EasyPact MVS loại N,H từ 800A đến 4000A

Điện áp định mức Ue=690V, 50/60Hz

Điện áp cách điện định mức Ui=1000V

Điện áp chịu xung định mức Uimp=12kV

Tuân theo tiêu chuẩn IEC 947-2, Ics=100% Icu

Ics = Icu = Icw @1s

EasyPact MVS cơ bản bao gồm:

Khung CB

Bộ đấu nối phía sau, nằm ngang (trên & dưới)

Trip ET2I

4 tiếp điểm báo trạng thái

1 tiếp điểm báo sự cố



Unit price (incl.VAT) in VND

Air Circuit Breaker EasyPact MVS FIXED & DRAWOUT, Type N, Manually operated

EasyPact MVS800/4000A, type N, Fixed, Icu=Ics=Icw=50kA/440VAC

Icu	Rating In (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
50 kA	800	MVS08N3MF2L	93.736.500	MVS08N4MF2L	116.231.500
	1000	MVS10N3MF2L	98.032.000	MVS10N4MF2L	121.555.500
	1250	MVS12N3MF2L	100.320.000	MVS12N4MF2L	124.393.500
	1600	MVS16N3MF2L	109.400.500	MVS16N4MF2L	130.509.500
	2000	MVS20N3MF2L	122.837.000	MVS20N4MF2L	146.569.500
55kA	2500	MVS25N3MF2L	135.278.000	MVS25N4MF2L	152.174.000
	3200	MVS32N3MF2L	155.573.000	MVS32N4MF2L	182.297.500
	4000	MVS40N3MF2L	257.130.500	MVS40N4MF2L	298.925.000

EasyPact MVS800/4000A, type N, Drawout, Icu=Ics=Icw=50kA/440VAC

Icu	Rating In (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
50 kA	800	MVS08N3MW2L	122.413.500	MVS08N4MW2L	134.590.500
	1000	MVS10N3MW2L	123.123.000	MVS10N4MW2L	137.406.500
	1250	MVS12N3MW2L	128.397.500	MVS12N4MW2L	143.852.500
	1600	MVS16N3MW2L	141.927.500	MVS16N4MW2L	148.098.500
	2000	MVS20N3MW2L	156.887.500	MVS20N4MW2L	176.803.000
55kA	2500	MVS25N3MW2L	160.869.500	MVS25N4MW2L	179.525.500
	3200	MVS32N3MW2L	183.084.000	MVS32N4MW2L	212.492.500
	4000	MVS40N3MW2L	355.487.000	MVS40N4MW2L	440.797.500



Air Circuit Breaker EasyPact MVS FIXED & DRAWOUT, Type N, Manually operated

EasyPact MVS800/4000A, type H, Fixed, Icu=Ics=Icw=65kA/440VAC

Icu	Rating In (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
65 kA	800	MVS08H3MF2L	110.357.500	MVS08H4MF2L	126.016.000
	1000	MVS10H3MF2L	112.590.500	MVS10H4MF2L	131.967.000
	1250	MVS12H3MF2L	115.318.500	MVS12H4MF2L	140.442.500
	1600	MVS16H3MF2L	118.888.000	MVS16H4MF2L	142.664.500
	2000	MVS20H3MF2L	132.808.500	MVS20H4MF2L	158.466.000
55kA	2500	MVS25H3MF2L	150.986.000	MVS25H4MF2L	168.019.500
	3200	MVS32H3MF2L	174.801.000	MVS32H4MF2L	206.866.000
	4000	MVS40H3MF2L	275.154.000	MVS40H4MF2L	335.868.500

EasyPact MVS800/4000A, type H, Drawout, Icu=Ics=Icw=65kA/440VAC

Icu	Rating In (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
65 kA	800	MVS08H3MW2L	139.106.000	MVS08H4MW2L	152.944.000
	1000	MVS10H3MW2L	139.914.500	MVS10H4MW2L	156.145.000
	1250	MVS12H3MW2L	145.040.500	MVS12H4MW2L	160.979.500
	1600	MVS16H3MW2L	154.275.000	MVS16H4MW2L	164.477.500
	2000	MVS20H3MW2L	170.527.500	MVS20H4MW2L	192.175.500
55kA	2500	MVS25H3MW2L	180.752.000	MVS25H4MW2L	201.718.000
	3200	MVS32H3MW2L	202.680.500	MVS32H4MW2L	238.755.000
	4000	MVS40H3MW2L	399.421.000	MVS40H4MW2L	495.280.500

Auxiliaries for remote operation & chassis accessories

Phụ kiện để điều khiển từ xa và phụ kiện chassis

Unit price (incl.VAT) in VND

Auxiliaries for remote operation & chassis accessories.



Electrical auxiliaries for EasyPact MVS		FIXED		DRAWOUT		
Description	Voltage	Reference	Unit Price	Reference	Unit Price	
Motor mechanism (MCH)	220 VAC	48212	28.506.500	48527	30.503.000	
	380/480 VAC	48214	28.506.500	48529	29.078.500	
	24 VDC	48206	28.506.500	48521	30.503.000	
Closing release (XF)	220 VAC/VDG	MVS21803	10.824.000	MVS21804	10.824.000	
	380/480 VAC	MVS21805	10.824.000	MVS21806	10.824.000	
	24 VAC/DC	47350	11.192.500	48481	11.016.500	
Opening release (MX)	220 VAC	47363	11.016.500	48494	11.016.500	
	380/480 VAC	47365	11.016.500	48496	11.016.500	
	24 VAC/DC	47360	11.016.500	48491	11.016.500	
Ready to close contact (PF)	5A - 240V	47342	3.036.000	48469	3.036.000	
Undervoltage Trip (MN)	220/250 VAC	47383	11.192.500	48504	11.192.500	
	380/480 VAC	47385	11.016.500	48506	11.016.500	
	24 VDC	47380	11.016.500	48501	11.016.500	
Carriage switches	Time delay	220/240 VAC	33682	11.165.000	33682	11.165.000
	1 connected position contact (CE)			33751	1.452.000	
	1 test position contact (CD)			33752	1.452.000	
	1 disconnect position contact (CT)			33753	1.452.000	



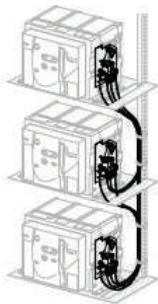
Escucheon and accessories

Description	Reference	Unit Price	Reference	Unit Price
Escucheon	48601	1.738.000	48603	1.969.000
Transparent cover (IP54)	-		48604	17.611.000
Escucheon blanking plate	48605	3.415.500	48605	3.415.500



Interlocking for source changeover system for 2 devices

Description	Reference	Unit Price
Interlocking using Cable		
Choose 2 adaptation fixtures (1 for each breaker)+ 1 set of Cable		
Adaptation for MVS fixed devices	47926	8.756.000
Adaptation for MVS drawout devices	47926	8.756.000
Set of Cable	33209	6.429.500



Interlocking of ATS 3 devices

Description	Reference	Unit Price
Interlocking using Cable		
1 complete set of 3 adaptaton fixtures + 1 set of Cable		
3 sources, only 1 device closed, fixed or drawout	48610	47.663.000
2 sources, 1 coupling, fixed or drawout	48609	47.663.000
2 normal, 1 replacement source, fixed or drawout	48608	44.544.500

When other version Micrologic be selected, should add in price to ACB price as in table below
 Khi chọn Micrologie loại khác, giá thêm vào máy cắt như trong bảng sau



Micrologic type	Reference MVS fixed type	Unit Price	Reference MVS drawout type	Unit Price	
Without LCD	ET 5S	MVS21424	5.816.800	MVS21414	5.816.800
	ET 6G	MVS21427	13.414.500	MVS21417	13.414.500
With LCD	ETA 2I	MVS21422	5.824.500	MVS21412	5.824.500
	ETV 2I	MVS21423	13.084.500	MVS21413	13.084.500
	ETA 5S	MVS21425	6.600.000	MVS21415	6.600.000
	ETA 6G	MVS21428	15.719.000	MVS21418	15.719.000
	ETV 6G	MVS21429	16.848.700	MVS21419	16.848.700

Air Circuit Breaker

Masterpact NT ACB type H1, H2 from 630 to 1600A
 Rated voltage : 660V, 50/60Hz
 Complying with IEC 947-2, Ics=100% Icu
 Basic Masterpact NT includes:
 Basic frame
 Horizontal rear connection (top&bottom)
 Micrologic 2.0A
 4 indication contact OF
 1 fault indication contact SDE

Masterpact NT & Accessories

Masterpact NT loại H1, H2, từ 630A đến 1600A
 Điện áp định mức 660V, 50/60Hz
 Tuân theo tiêu chuẩn IEC 947-2, Ics=100% Icu
 Masterpact NT cơ bản bao gồm:
 Khung CB
 Bộ đầu nối nằm ngang phía sau (trên & dưới)
 Micrologic 2.0A
 4 tiếp điểm báo trạng thái
 1 tiếp điểm báo sự cố

Unit price (incl.VAT) in VND

Air Circuit Breaker Masterpact NT FIXED & DRAWOUT, Type H1 & H2

Air Circuit Breaker Masterpact NT 630/1600 Type H1, Icu = 42k/440VAC

Type	Rating (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
FIXED	630	NT06H13F2	115.494.500	NT06H14F2	138.765.000
	800	NT08H13F2	125.834.500	NT08H14F2	153.411.500
	1000	NT10H13F2	132.731.500	NT10H14F2	162.035.500
	1250	NT12H13F2	145.942.500	NT12H14F2	178.876.500
	1600	NT16H13F2	160.825.500	NT16H14F2	206.217.000
DRAWOUT	630	NT06H13D2	160.308.500	NT06H14D2	191.339.500
	800	NT08H13D2	168.932.500	NT08H14D2	201.679.500
	1000	NT10H13D2	177.551.000	NT10H14D2	215.468.000
	1250	NT12H13D2	197.571.000	NT12H14D2	234.580.500
	1600	NT16H13D2	224.251.500	NT16H14D2	275.275.000

Air Circuit Breaker Masterpact NT 630/1600 Type H2, Icu = 50kA/440VAC

Type	Rating (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
FIXED	630	NT06H23F2	121.940.500	NT06H24F2	142.763.500
	800	NT08H23F2	131.802.000	NT08H24F2	156.689.500
	1000	NT10H23F2	136.477.000	NT10H24F2	165.484.000
	1250	NT12H23F2	149.693.500	NT12H24F2	182.264.500
	1600	NT16H23F2	164.879.000	NT16H24F2	210.177.000
DRAWOUT	630	NT06H23D2	166.347.500	NT06H24D2	196.922.000
	800	NT08H23D2	177.584.000	NT08H24D2	209.231.000
	1000	NT10H23D2	189.893.000	NT10H24D2	220.643.500
	1250	NT12H23D2	205.386.500	NT12H24D2	240.207.000
	1600	NT16H23D2	229.179.500	NT16H24D2	282.755.000

Masterpact NTO6/NT16 Accessories

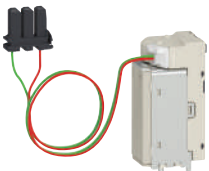
Auxiliaries for remote operation & chassis accessories.

Electrical auxiliaries for NTO6/NT16

Type	Voltage	FIXED		DRAWOUT	
		Reference	Unit Price	Reference	Unit Price
Motor mechanism (MCH)	220 VAC	47396	28.506.500	47466	28.506.500
	380/480 VAC	47400	28.506.500	47468	28.506.500
	24 VDC	47390	28.506.500	47460	28.506.500
Closing release (XF)	220 VAC	47353	11.192.500	47443	11.192.500
	380/480 VAC	47355	11.016.500	47445	11.016.500
	24 VAC/DC	47350	11.192.500	47440	11.016.500
Opening release (MX)	220 VAC	47363	11.016.500	33813	11.979.000
	380/480 VAC	47365	11.016.500	33815	11.786.500
	24 VAC/DC	47360	11.016.500	33810	11.786.500
Ready to close contact (PF)	5A - 240V	47342	3.036.000	47432	2.893.000
Electrical closing button (BPFE)		47512	6.281.000	47512	6.281.000
Shunt trip (2nd MX)	220 VAC	47373	11.016.500	47453	11.192.500
	380/480 VAC	47375	11.016.500	47455	11.016.500
	24 VAC/DC	47370	11.016.500	47450	11.016.500
Undervoltage Trip (MN)	220/250 VAC	47383	11.192.500	33822	11.979.000
	380/480 VAC	47385	11.016.500	33824	11.786.500
	24 VDC	47380	11.016.500	33819	11.786.500
	Time delay, 220/240 VAC	33682	11.165.000	33682	11.165.000
Carriage switches		1 conected position contact (CE)		33751	1.452.000
		1 test position contact (CD)		33752	1.452.000
		1 disconnect position contact (CT)		33753	1.452.000

Chassing locking and accessories of NTO6/NT16 Drawout type

Description	Type	Reference	Unit Price
Door interlock	right hand side (VPECD)	33786	3.261.500
Breaker mismatch protection (VDC)		33767	3.107.500



Air Circuit Breaker

Masterpact ACB, Type H1 & H2, NW 800 to 6300A
 Rated voltage : 690/1150V, 50/60Hz
 Complying with IEC 947-2, Ics=100% Icu
 Basic Masterpact NW includes:
 Basic frame
 Horizontal rear connection (top & bottom)
 Micrologic 2.0A
 4 indication contact OF
 1 fault indication contact SDE

Masterpact NW

Masterpact NW loại H1, H2, từ 800A đến 6300A
 Điện áp định mức 690/1150V, 50/60Hz
 Tuân theo tiêu chuẩn IEC 947-2, Ics=100% Icu
 Masterpact NW cơ bản bao gồm:
 Khung CB
 Bộ đầu nối nằm ngang (trên & dưới)
 Micrologic 2.0A
 4 tiếp điểm báo trạng thái
 1 tiếp điểm báo sự cố

Unit price (incl.VAT) in VND

Air Circuit Breaker Masterpact NW FIXED & DRAWOUT, Type H1

Air Circuit Breaker Masterpact FIXED NW 800/6300 Type H1, Icu = 65kA & 100kA/440VAC

Icu	Rating (A)	Reference	3P	Unit Price	Reference	4P	Unit Price
65 kA	800	NW08H13F2		133.589.500	NW08H14F2		163.746.000
	1000	NW10H13F2		139.936.500	NW10H14F2		172.364.500
	1250	NW12H13F2		149.270.000	NW12H14F2		185.581.000
	1600	NW16H13F2		162.607.500	NW16H14F2		213.504.500
	2000	NW20H13F2		181.648.500	NW20H14F2		239.756.000
	2500	NW25H13F2		250.415.000	NW25H14F2		317.449.000
100 kA	3200	NW32H13F2		298.149.500	NW32H14F2		372.372.000
	4000	NW40H13F2		453.321.000	NW40H14F2		567.820.000
	4000b	NW4BH13F2		602.723.000	NW4BH14F2		744.887.000
	5000	NW50H13F2		782.347.500	NW50H14F2		966.575.500
	6300	NW63H13F2		1.045.907.500	NW63H14F2		1.262.957.300

Air Circuit Breaker Masterpact DRAWOUT, NW 800/6300 Type H1, Icu = 65kA & 100kA/440VAC

65 kA	800	NW08H13D2		184.426.000	NW08H14D2		221.479.500
	1000	NW10H13D2		194.766.000	NW10H14D2		227.524.000
	1250	NW12H13D2		206.783.500	NW12H14D2		238.051.000
	1600	NW16H13D2		235.438.500	NW16H14D2		278.641.000
	2000	NW20H13D2		260.249.000	NW20H14D2		317.086.000
	2500	NW25H13D2		326.095.000	NW25H14D2		399.239.500
100 kA	3200	NW32H13D2		419.947.000	NW32H14D2		497.904.000
	4000	NW40H13D2		590.903.500	NW40H14D2		731.725.500
	4000b	NW4BH13D2		804.435.500	NW4BH14D2		1.051.154.500
	5000	NW50H13D2		1.004.481.500	NW50H14D2		1.294.870.500
	6300	NW63H13D2		1.286.063.900	NW63H14D2		1.722.139.100

Air Circuit Breaker Masterpact NW FIXED & DRAWOUT, Type H2

Air Circuit Breaker Masterpact FIXED NW 800/6300 Type H2, Icu = 100kA & 150kA/440VAC

Icu	Rating (A)	Reference	3P	Unit Price	Reference	4P	Unit Price
100 kA	800	NW08H23F2		157.685.000	NW08H24F2		193.044.500
	1000	NW10H23F2		166.644.500	NW10H24F2		208.560.000
	1250	NW12H23F2		178.871.000	NW12H24F2		218.493.000
	1600	NW16H23F2		206.195.000	NW16H24F2		252.004.500
	2000	NW20H23F2		233.651.000	NW20H24F2		305.701.000
	2500	NW25H23F2		301.400.000	NW25H24F2		391.886.000
150 kA	3200	NW32H23F2		363.737.000	NW32H24F2		454.305.500
	4000	NW40H23F2		542.553.000	NW40H24F2		700.843.000
	4000b	NW4BH23F2		698.357.000	NW4BH24F2		938.102.000
	5000	NW50H23F2		901.681.000	NW50H24F2		1.198.906.500
	6300	NW63H23F2		1.186.232.300	NW63H24F2		1.578.700.200

Air Circuit Breaker Masterpact DRAWOUT, NW 800/6300 Type H2, Icu = 100kA & 150kA/440VAC

100 kA	800	NW08H23D2		237.209.500	NW08H24D2		284.757.000
	1000	NW10H23D2		250.866.000	NW10H24D2		297.660.000
	1250	NW12H23D2		256.817.000	NW12H24D2		314.132.500
	1600	NW16H23D2		293.716.500	NW16H24D2		355.993.000
	2000	NW20H23D2		349.767.000	NW20H24D2		410.954.500
	2500	NW25H23D2		421.410.000	NW25H24D2		513.859.500
150 kA	3200	NW32H23D2		542.239.500	NW32H24D2		651.491.500
	4000	NW40H23D2		735.971.500	NW40H24D2		891.995.500
	4000b	NW4BH23D2		991.523.500	NW4BH24D2		1.201.850.100
	5000	NW50H23D2		1.226.204.100	NW50H24D2		1.486.155.000
	6300	NW63H23D2		1.599.546.300	NW63H24D2		1.902.197.000

Auxiliaries for remote operation & chassis accessories

Phụ kiện để điều khiển từ xa và phụ kiện chassis

Unit price (incl.VAT) in VND

Auxiliaries for remote operation & chassis accessories.**Electrical auxiliaries for NW08/NW63**

Description	Voltage	FIXED		DRAWOUT	
		Reference	Unit Price	Reference	Unit Price
ON/OFF indication contact (OF)		48198	3.459.500	48468	3.459.500
Motor mechanism (MCH)	220 VAC	48212	28.506.500	48527	30.503.000
	380/480 VAC	48214	28.506.500	48529	29.078.500
	24 VDC	48206	28.506.500	48521	30.503.000
Closing release (XF)	220 VAC/DC	47353	11.192.500	48484	11.016.500
	380/480 VAC/DC	47355	11.016.500	48486	11.016.500
	24 VAC/DC	47350	11.192.500	48481	11.016.500
Opening release (MX)	220 VAC/DC	47363	11.016.500	48494	11.016.500
	380/480 VAC/DC	47365	11.016.500	48496	11.016.500
	24 VAC/DC	47360	11.016.500	48491	11.016.500
Ready to close contact (PF)	5A - 240V	47342	3.036.000	48469	3.036.000
Electrical closing button (BPFE)		48534	2.513.500	48534	2.513.500
Remote reset after fault trip (Res)	220/240 VAC	48203	5.555.000	48473	5.632.000
Shunt trip (2nd MX)	220 VAC/DC	47373	11.016.500	48514	11.192.500
	380/480 VAC/DC	47375	11.016.500	48516	11.017.600
	24 VAC/DC	47370	11.016.500	48511	11.016.500
Undervoltage Trip (MN)	220/250 VAC/DC	47383	11.192.500	48504	11.192.500
	380/480 VAC/DC	47385	11.016.500	48506	11.016.500
	24 VAC/DC	47380	11.016.500	48501	11.016.500
Time delay	220/240 VAC	33682	11.165.000	33682	11.165.000
Carriage switches	1 connected position contact (CE)			33751	1.452.000
	1 test position contact (CD)			33752	1.452.000
	1 disconnect position contact (CT)			33753	1.452.000

Chassis locking and accessories of NW08/NW63 drawout type

Description	Type	Reference	Unit Price
Door interlock	right hand side (VPECD)	48579	2.964.500
	left hand side (VPECG)	48580	3.212.000
Racking interlock (VPOC)		48582	1.111.000
Breaker mismatch protection (VDC)		33767	3.107.500



Micrologic Control Unit & Accessories

How to select Micrologic Control Units



Measurement type Current protection type	S	A	E	P	H
2 : Distribution L, I	2.0	2.0A	2.0E		
5 : Selective L, S, I	5.0	5.0A	5.0E	5.0P	5.0H
6 : Selective and ground fault L, S, I, G	6.0	60A	6.0E	6.0P	60H
7 : Selective and earth leakage L, S, I, V		7.0A		7.0P	7.0H

Please consult Schneider Electric for Micrologic H type
 Khi chọn Micrologic loại H, vui lòng liên hệ công ty Scheider Electric

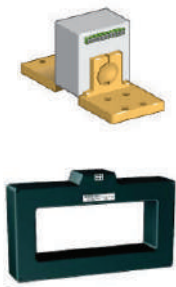
Cách lựa chọn bộ điều khiển Micrologic



Loại bảo vệ dòng điện Loại đo lường	S	A	E	P	H
2 : Ngăn mạch và quá tải L, I	2.0	2.0A	2.0E		
5 : Chọn lọc L, S, I	5.0	5.0A	5.0E	5.0P	5.0H
6 : Chọn lọc và chạm đất L, S, I, G	6.0	60A	6.0E	6.0P	60H
7 : Chọn lọc và dòng rò L, S, I, V		7.0A		7.0P	7.0H

Unit price (incl.VAT) in VND

When other version Micrologic be selected, should add in price to ACB price as in table below
 Khi chọn Mierologic loại khác, giá thêm vào máy cắt như trong bảng sau



Micrologic type	Compact NS>630A Fixed		Compact NS>630A Draw out		
	Reference	Unit Price	Reference	Unit Price	
Type A	5.0A	33512	8.319.300	33532	8.321.500
	6.0A	33513	22.808.500	33533	22.808.500
	7.0A	33514	29.246.800	33534	29.246.800
Type E	2.0E	33535	9.779.000	33536	9.779.000
	5.0E	33537	10.400.500	33538	10.398.300
	6.0E	33539	26.115.100	33540	26.115.100
Type P	5.0P	65290	41.660.300	65293	41.660.300
	6.0P	65291	54.476.400	65294	54.476.400
	7.0P	65292	65.371.900	65295	65.371.900
Micrologic type	Masterpact NT fixed		Masterpact NT drawout		
	Reference	Unit Price	Reference	Unit Price	
Type A	5.0A	47285	8.635.000	65305	8.319.300
	6.0A	47286	22.979.000	65306	22.979.000
	7.0A	47287	29.246.800	65307	29.246.800
Type E	2.0E	47280	9.779.000	47281	9.779.000
	5.0E	47283	10.398.300	47284	10.398.300
	6.0E	47288	26.115.100	47292	26.115.100
Type P	5.0P	47289	41.660.300	47297	41.660.300
	6.0P	47290	56.534.500	47298	54.476.400
	7.0P	47291	65.371.900	47299	65.371.900
Micrologic type	Masterpact NW fixed		Masterpact NW drawout		
	Reference	Unit Price	Reference	Unit Price	
Type A	5.0A	47285	8.635.000	48360	8.635.000
	6.0A	47286	22.979.000	48361	22.979.000
	7.0A	47287	29.246.800	48362	29.246.800
Type E	2.0E	47280	9.779.000	48498	9.779.000
	5.0E	47283	10.398.300	48499	10.398.300
	6.0E	47288	26.115.100	48500	27.098.500
Type P	5.0P	47289	41.660.300	48363	41.660.300
	6.0P	47290	56.534.500	48364	56.534.500
	7.0P	47291	65.371.900	48365	65.371.900

Micrologic Accessories

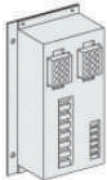
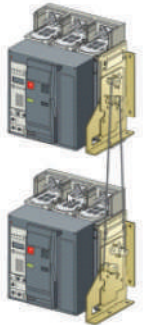
External sensor				
Description	Range of CB	Type	Reference	Unit Price
Earth fault protection (TCE)	NS630b to 3200	630b to 1600A	33576	20.762.500
	NT06 to NT16	400/1600A	33576	20.762.500
	NW08 to NW20	400/2000A	34035	25.657.500
	NW25 to NW40	1000/4000A	34036	33.698.500
	NW40b to NW63	4000/6300A	48182	51.034.500
Rectangular leakage protection	280mmx115mm	Up to 1600A	33573	118.992.500
	470mmx160mm	Up to 3200A	33574	165.275.000
Source ground return protection (SGR)			33579	28.000.500
MDGF summing module			48891	30.673.500

Automatic source changeover system includes :

- 2 Circuit Breaker 3P or 4P electrical operated
- 2 Motor Mechanism
- 2 shunt trip coil
- Auxiliary switches, Alarm switch
- Complete assembly mechanical interlock
- Electrical interlock (IVE) (optional for Compact NS 630 to 1600)
- Automatic controller (optional)

Bộ tự động chuyển đổi nguồn gồm có:

- 2 CB 3P hoặc 4P đóng cắt bằng điện
- 2 cơ cấu mofo r gắn vào CB
- 2 cuộn dây cắt
- Tiếp điểm phụ, tiếp điểm báo động
- Khoá liên động cơ khí
- Khoá liên động điện (IVE) (tùy chọn đối với Compact NS 630 đến 1600)
- Bộ điều khiển tự động (tùy chọn)



Unit price (incl.VAT) in VND

Automatic Source Changeover Compact NSX 100 to 630A, including: mechanical interlock plate + electrical interlock IVE Control Voltage 220-240VAC 50/60Hz

Compact NSX 100F/250F/400N/630N					
Icu (380/415VAC)	Rating (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
36kA	100	ATSNSX010F3FTM	88.418.000	ATSNSX010F4FTM	95.667.000
	160	ATSNSX016F3FTM	95.744.000	ATSNSX016F4FTM	105.347.000
	250	ATSNSX025F3FTM	108.669.000	ATSNSX025F4FTM	121.264.000
50kA	400	ATSNSX040N3FMI2	173.393.000	ATSNSX040N4FMI2	185.867.000
	630	ATSNSX063N3FMI2	192.164.500	ATSNSX063N4FMI2	208.818.500

Compact NSX100/250/400/630H					
Icu (380/415VAC)	Rating (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
70kA	100	ATSNSX010H3FTM	91.569.500	ATSNSX010H4FTM	97.949.500
	160	ATSNSX016H3FTM	102.129.500	ATSNSX016H4FTM	108.944.000
	250	ATSNSX025H3FTM	116.572.500	ATSNSX025H4FTM	131.450.000
	400	ATSNSX040H3FMI2	181.384.500	ATSNSX040H4FMI2	192.643.000
	630	ATSNSX063H3FMI2	201.157.000	ATSNSX063H4FMI2	227.931.000

Automatic Source Changeover Compact NS 630 to 1600A, including mechanical cable interlock Control Voltage 220-240VAC 50/60Hz

Compact NS 630/1600N					
Icu (380/415VAC)	Rating (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
50kA	630b	ATSNS06bN3E2	268.477.000	ATSNS06bN4E2	308.539.000
	800	ATSNS080N3E2	278.470.500	ATSNS080N4E2	323.840.000
	1000	ATSNS100N3E2	285.670.000	ATSNS100N4E2	341.154.000
	1250	ATSNS125N3E2	342.369.500	ATSNS125N4E2	414.518.500
	1600	ATSNS160N3E2	380.363.500	ATSNS160N4E2	467.307.500

Compact NS 630/1600H					
Icu (380/415VAC)	Rating (A)	Reference 3P	Unit Price	Reference 4P	Unit Price
70kA	630b	ATSNS06bH3E2	284.251.000	ATSNS06bH4E2	336.655.000
	800	ATSNS080H3E2	291.016.000	ATSNS080H4E2	347.512.000
	1000	ATSNS100H3E2	313.126.000	ATSNS100H4E2	365.304.500
	1250	ATSNS125H3E2	364.600.500	ATSNS125H4E2	434.065.500
	1600	ATSNS160H3E2	406.741.500	ATSNS160H4E2	491.634.000

IVE electrical interlocking unit 48/415VAC 50/60Hz

Description	Reference	Unit Price
For 2 devices	29352	12.514.700
Wiring kit for connection	54655	8.314.900

Automatic control option 220/240V 50/60Hz 380/415V 50/60Hz

Description	Reference	Unit Price	Reference	Unit Price
ACP + BA controller (2 source)	29470	47.025.000	29471	47.025.000
ACP + UA controller (1 source + 1 generator)	29472	56.524.600	29473	56.524.600

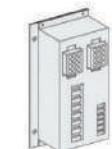
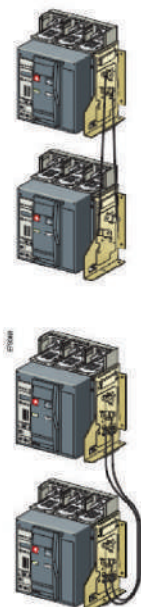
The same voltage must be used for the ACP plate, the IVE unit and the circuit breaker operating mechanisms
 ACP, IVE và motor điều khiển phải cùng điện áp

How to select ATS system

- 2 Circuit Breaker 3P or 4P, fixed or drawout electrical operated
- 2 Motor Mechanism (MCH)
- 2 Closing release (XF)
- 2 Under voltage release(MN)
- Auxiliary switches, Alarm switch (OF, SDE)
- Ready fo close contact PF
- Complete asseby mechanical interlock by cable or rod
- Electrical interlock (IVE)
- Automafic controller

Cách lựa chọn bộ ATS

- 2 CB 3P hoặc 4P, fixed hoặc drawout, đóng cắt bằng điện
- 2 cơ cấu motor gắn vào CB (MCH)
- 2 cuộn dây đóng (XF)
- 2 cuộn dây điện áp thấp (MN)
- Tiếp điểm phụ, tiếp điểm báo động (OF, SDE)
- Tiếp điểm phụ PF
- Khoá liên động cơ khí bằng cable hoặc thanh
- Khoá liên động điện (IVE)
- Bộ điều khiển tự động



Unit price (incl.VAT) in VND

Interlocking for source changeover system for 2 devices

Description	Reference	Unit Price
Interlocking using Connecting rods		
Complete assembly with 2 adaptation fixtures + rod		
2 Masterpact NT fixed devices	33912	19.772.500
Interlocking using Cable(*):		
Choose 2 adaptation fixtures (1 for each breaker) + 1 set of Cable		
Adaptation for NT fixed devices	33200	9.636.000
Adaptation for NT drawout devices	33201	9.636.000
Set of Cable	33209	6.429.500

(*) can be used with any combination of NT or NW, fixed or drawout device

(*) có thể dùng kết hợp NT hoặc NW, loại cố định hoặc kéo ra được

IVE electrical interlocking unit (#)

48/415V 50/60Hz

Description	Reference	Unit Price
For 2 devices	29352	12.514.700
Wiring kit for connection of 2 fixed/drawout devices to IVE unit	54655	8.314.900

Automatic control option (#)

220/240V 50/60Hz

380/415V 50/60Hz

Description	Reference	Unit Price	Reference	Unit Price
ACP + BA controller (2 source)	29470	47.025.000	29471	47.025.000
ACP + UA controller (1 source + 1 generator)	29472	56.524.600	29473	56.524.600

(#) The same voliage must be used for the ACP plale, the IVE unit and the circuit breaker operating mechanisms

Example:

BOM of Automatic source changeover system using Masterpact NT 1600A 3P 50kA, Drawout type, control voltage 220Vac

Application: 1 source 1 generator

Description	Reference	Quantity	Unit Price
NT 1600A H2 3P D/O MLOGIC 2	NT16H23D2	2	229.179.500
GEAR MOTOR 200/240 VAC FOR DRAWOUT BREAK	47466	2	28.506.500
XF 200/250 VAC/VDC FOR DRAWOUT BREAKER	47443	2	11.192.500
MX 200/250 VAC/VDC FOR DRAWOUT BREAKER	33813	2	11.979.000
READY-TO-CLOSE CONTACT FOR DRAWOUT BREAK	47432	2	2.893.000
1 SET OF 2 INTERLOCK CABLES	33209	1	6.429.500
CABLE-TYPE INTERLOCK PLATE FOR D/O BR	33201	2	9.636.000
ADAPTATION KIT UA/BA	54655	1	8.314.900
electrical interlocking IVE 48 to 415 V	29352	1	12.514.700
ACP AND AUTO UA 220V/240VAC 50HZ	29472	1	56.524.600

Reference will be ATSNT16H23D2

How to select ATS system

- 2 Circuit Breaker 3P or 4P, fixed or drawout electrical operated,
- 2 Motor Mechanism (MCH)
- 2 Closing release (XF)
- 2 Under voltage release(MN)
- Auxiliary switches, Alarm switch (OF, SDE)
- Ready to close contact PF
- Complete assembly mechanical interlock by cable or rod
- Electrical interlock (IVE)
- Automatic controller

Cách lựa chọn bộ ATS

- 2 CB 3P hoặc 4P, fixed hoặc drawout, đóng cắt bằng điện
- 2 cơ cấu motor gắn vào CB (MCH)
- 2 cuộn dây đóng (XF)}
- 2 cuộn dây điện áp thấp (MN)
- Tiếp điểm phụ, tiếp điểm báo động (OF, SDE)
- Tiếp điểm phụ PF
- Khoá liên động cơ khí bằng cable hoặc thanh
- Khoá liên động điện (IVE)
- Bộ điều khiển tự động

Unit price (incl.VAT) in VND

Interlocking for source changeover system for 2 devices

Description	Reference	Unit Price
Interlocking using Connecting rods		
Complete assembly with 2 adaptation fixtures + rod		
2 Masterpact NW fixed devices	48612	18.782.500
2 Masterpact NW drawout devices	48612	18.782.500
Interlocking using Cable():		
Choose 2 adaptation fixtures (1 for each breaker) + 1 set of Cable		
Adaptation for NW fixed devices	47926	8.756.000
Adaptation for NW drawout devices	47926	8.756.000
Set of Cable	33209	6.429.500

(* can be used with any combination of NT or NW, fixed or drawout device
có thể dùng kết hợp NT hoặc NWY, loại cố định hoặc kéo ra được

Interlocking of ATS 3 devices for Masterpact NW only

Description	Reference	Unit Price
Interlocking using Cable:		
1 complete set of 3 adaptaton fixtures + 1 set of Cable		
3 sources, only 1 device closed, fixed or drawout	48610	47.663.000
2 sources, 1 coupling, fixed or drawout	48609	47.663.000
2 normal, 1 replacement source, fixed or drawout	48608	44.544.500

IVE electrical interlocking unit (#)

48/415V 50/60Hz

Description	Reference	Unit Price
For 2 devices	29352	12.514.700
Wiring kit for connection	54655	8.314.900

Automatic control option (#)

220/240V 50/60Hz

380/415V 50/60Hz

Description	Reference	Unit Price	Reference	Unit Price
ACP + BA controller (2 source)	29470	47.025.000	29471	47.025.000
ACP + UA controller (1 source + 1 generator)	29472	56.524.600	29473	56.524.600

#) The same voltage must be used for the ACP plate, the IVE unit and the circuit breaker operating mechanisms

Exampie:

BOM of Automatic source changeover system using Masterpact NW 2500A 3P 65kA, Drawout type, control voltage 220Vac. Application: 1 source 1 generator

Description	Reference	Quantity
NW 2500A H1 3P D/O MLOGIC 2	NW25H13D2	2
GEAR MOTOR 200/240 VAC FOR DRAWOUT BREAK	48527	2
XF 200/250 VAC/VDC FOR DRAWOUT BREAKER	48484	2
MX 200/250 VAC/VDC FOR DRAWOUT BREAKER	48494	2
1 READY-TO-CLOSE CONTACT FOR NW/NT D/O	48469	2
1 SET OF 2 INTERLOCK CABLES	33209	1
CABLE-TYPE INTERLOCK PLATE FOR FIXED OR	47926	2
ADAPTATION KIT UA/BA	54655	1
electrical interlocking IVE 48 to 415 V	29352	1
ACP AND AUTO UA 220V/240VAC 50HZ	29472	1

Reference will be ATSNW25H13D2