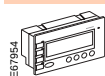

<i>Presentation</i>	<i>6</i>
<i>Functions and characteristics</i>	<i>13</i>
<i>Dimensions and connection</i>	<i>59</i>
<i>Electrical diagrams</i>	<i>87</i>
<i>Installation recommendations</i>	<i>97</i>
<i>Additional characteristics</i>	<i>121</i>
Communication bus accessories and Display Modules	128
Retrofit solutions	129
Connection for fixed devices	129
Connection for drawout devices	130
Masterpact NT	131
Connection	131
Micrologic control unit, communication option	132
Remote operation	133
Chassis locking and accessories	134
Clusters	135
Circuit breaker locking and accessories	136
Mechanical interlocking for source changeover	137
Indication contacts	138
Instructions	139
Masterpact NW	140
Connection	140
Micrologic control unit, communication option	141
Remote operation	142
Chassis locking and accessories	143
Clusters	144
Circuit breaker locking and accessories	145
Mechanical interlocking for source changeover	146
Indication contacts	147
Instructions	148
Masterpact NT and NW order form	149

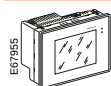
Display modules

DMB300



Monochrome display module Max. 4 breakers **50894**

DMC300



Color display module Max. 16 breakers **50895**

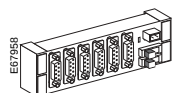
Spare parts



DMC300PCM: DMC300 memory card **50959**

RS485 Modbus pre-wired system

RS485 Modbus junction block



CJB306: 6 SubD 9 pins connectors junction block **50963**

RS485 Modbus connector



CSD309: 9 pins SubD with screw terminals **50964**

RS485 Modbus cables



CDM303: display module pre-wired cable, 3 m length **50960**



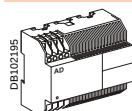
CCP303: Masterpact or Compact pre-wired cable (4 RS485 wires + 2 power wires) 3 m length **50961**



CCR301: RS485 roll cable (2 RS485 wires + 2 power wires) 60 m length **50965**

External 24 V DC power-supply module

External 24 V DC power-supply module



Input		
24/30 V DC		54440
48/60 V DC		54441
100/125 V DC		54442
110/130 V AC		54443
200/240 V AC		54444
380/415 V AC		54445

Converter

RS485/RS232 (ACE909) 12 V DC power supply included	59648
RS485/RS232	TSX SCA72 ⁽¹⁾
RS485/Ethernet	174 CEV 300-20 ⁽¹⁾
RS485/Ethernet (SMS compatible)	EGX 200/400 ⁽²⁾

Micro Power Server MPS100



MPS100 **33507**

(1) See catalogue Telemecanique.

(2) See catalogue PowerLogic System.

To replace a Masterpact M with a Masterpact NW, order a retrofit device (without connections) and select a set of connectors corresponding to the replaced device.

The Masterpact NW is installed in exactly the same place as the old Masterpact M device, without any modifications required on the switchboard.

Horizontal rear connection

Device to be replaced		Connection to be ordered	
Masterpact M08 to M12			
Type N1/NI			
		3P	4P
Top	3 x	48951	4 x 48951
Bottom	3 x	48964	4 x 48964
Type H1/H2/HI/HF			
Top	3 x	48954	4 x 48954
Bottom	3 x	48965	4 x 48965
Masterpact M16			
Type N1/NI/H1/H2/HI/HF			
Top	3 x	48954	4 x 48954
Bottom	3 x	48965	4 x 48965
Masterpact M20 and M25			
Type N1/NI/H1/H2/HI/HF			
Top	3 x	48957	4 x 48957
Bottom	3 x	48958	4 x 48958
Masterpact M32			
Type H1/H2/HI/HF			
Top	1 x	48962	1 x 48960
Bottom	1 x	48961	1 x 48960

(*) Please contact U2R (Retrofit Replacement Unit).

Retrofit solutions (*)

Connection for drawout devices

To replace a Masterpact M with a Masterpact NW, order a retrofit device (without connections) and select a set of connectors corresponding to the replaced device.

The Masterpact NW is installed in exactly the same place as the old Masterpact M device, without any modifications required on the switchboard.

Vertical rear connection

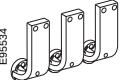
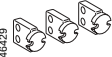
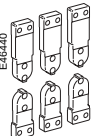
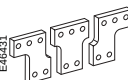
Device to be replaced		Connection to be ordered	
Masterpact M08 to M12			
Type N1/NI		3P	4P
Top	3 x	48966	4 x 48966
Bottom	3 x	48966	4 x 48966
Type H1/H2/HI/HF			
Top	3 x	48969	4 x 48969
Bottom	3 x	48969	4 x 48969
Masterpact M16			
Type N1/NI/H1/H2/HI/HF			
Top	3 x	48969	4 x 48969
Bottom	3 x	48969	4 x 48969
Masterpact M20 and M25			
Type N1/NI/H1/H2/HI/HF			
Top	3 x	48970	4 x 48970
Bottom	3 x	48970	4 x 48970
Masterpact M32			
Type H1/H2/HI/HF			
Top	1 x	48974	1 x 48978
Bottom	1 x	48974	1 x 48978

Horizontal rear connection

Device to be replaced		Connection to be ordered	
Masterpact M08 to M12			
Type N1/NI		3P	4P
Top	3 x	48951	4 x 48951
Bottom	3 x	48964	4 x 48964
Type H1/H2/HI/HF			
Top	3 x	48954	4 x 48954
Bottom	3 x	48965	4 x 48965
Masterpact M16			
Type N1/NI/H1/H2/HI/HF			
Top	3 x	48954	4 x 48954
Bottom	3 x	48965	4 x 48965
Masterpact M20 and M25			
Type N1/NI/H1/H2/HI/HF			
Top	3 x	48957	4 x 48957
Bottom	3 x	48958	4 x 48958
Masterpact M32 neutral on left-hand side			
Type H1/H2/HI/HF			
Top	1 x	48973	1 x 48976
Bottom	1 x	48973	1 x 48977
Masterpact M32 neutral on right-hand side			
Type H1/H2/HI/HF			
Top	1 x	48973	1 x 48977
Bottom	1 x	48973	1 x 48976

(*) Please contact U2R (Retrofit Replacement Unit)

(*) Installation manual must be ordered separately,
it is not supply with the component

Connection				
			3P	4P
Fixed circuit breakers				
Front connection / Replacement kit (3 or 4 parts)				
	Top or bottom	630/1600 A	47069	47070
	Installation manual		47102	
Rear connection (vertical or horizontal mounting) / Replacement kit (3 or 4 parts)				
 		630/1600 A	33584	33585
	Vert. mounting. Horiz. mounting. Installation manual		47102	
Drawout circuit breakers				
Front connection / Replacement kit (6 or 8 parts)				
	Top and bottom	630/1600 A	33588	33589
	Installation manual		47102	
Rear connection (vertical or horizontal mounting) / Replacement kit (3 or 4 parts)				
 		630/1600 A	33586	33587
	Vert. mounting. Horiz. mounting. Installation manual		47102	
Connection accessories				
			3P	4P
Vertical connection adapters 630/1600 A / Replacement kit (3 or 4 parts)				
	For fixed and drawout front-connected circuit breakers		33642	33643
	Installation manual		47102	
Cable lug adapters 630/1600 A / Replacement kit (3 or 4 parts)				
	For fixed and drawout front-connected circuit breakers		33644	33645
	Installation manual		47102	
Spreaders / Replacement kit (3 or 4 parts)				
	For fixed and drawout front and rear-connected circuit breakers		33622	33623
	Installation manual		47102	
Interphase barriers / Replacement kit (3 or 4 parts)				
	For fixed and drawout front and rear-connected circuit breakers		33648	33648
	For drawout rear-connected circuit breakers		33768	33768
	Installation manual		47102	
Arc chute screen (1 part)				
	For fixed front-connected circuit breakers		47335	47336
	Installation manual		47102	

Catalogue numbers: spare parts

Masterpact NT

Micrologic control unit, communication option

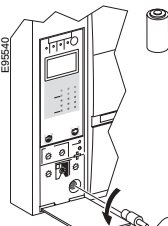
(*) Installation manual must be ordered separately,
it is not supply with the component

Replacement parts for Micrologic control units

Long-time rating plug (limits setting range for higher accuracy) / 1 part

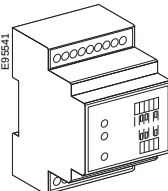
	Standard	0.4 at 1 x Ir	33542
	Low-setting option	0.4 at 0.8 x Ir	33543
	High-setting option	0.8 at 1 x Ir	33544
	Without long-time protection	off	33545
	Installation manual		33075

Battery + cover

	Battery (1 part)		33593
	Cover (1 part)	For Micrologic A	33592
		For Micrologic P and H	47067
	Installation manual		33075

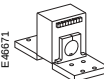
Communication option

Chassis

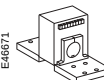
	Modbus COM		33852
	Digipact COM		33855
	6 wires terminal drawout (1 part)		33099
	6 wires terminal fixed (1 part)		47075
	Installation manual		33088

External sensors

External sensor for earth-fault protection (TCE) / 1 part

	Sensor rating	400/1600 A	33576

Source ground return (SGR) earth-fault protection / 1 part

	External sensor (SGR)		33579
	MDGF summing module		48891

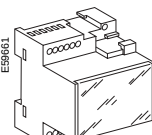
Rectangular sensor for earth-leakage protection + Vigi cable / 1 part

	280 mm x 115 mm		33573

Vigi cable or external voltage cable / 1 part

	Vigi cable or external voltage cable (1 part)		47090
--	---	--	-------

External power supply module / 1 part

	24-30 V DC		54440
	48-60 V DC		54441
	100-125 V DC		54442
	110-130 V AC		54443
	200-240 V AC		54444
	380-415 V AC		54445

Battery module / 1 part

	1 battery	24 V DC	54446
--	-----------	---------	-------

Test equipments / 1 part

	Mini test kit		33594
	Portable test kit		33595
	Wiring kit or mini test kit or portable test kit		33590
	2 pin test cable		S48908 (*)

(*) Consult us.

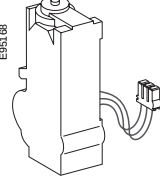
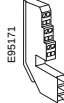
Catalogue numbers: spare parts

Masterpact NT Remote operation

(*) Installation manual must be ordered separately,
it is not supply with the component

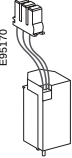
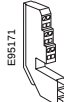
Remote operation

Gear motor

MCH (1 part)		
	AC 50/60 Hz	48 V
		100-130 V
		200-240 V
		277-415 V
		440-480 V
		+ resistor
	DC	24-30 V
		48-60 V
		100-125 V
		200-250 V
	Terminal block (1 part)	For fixed circuit breaker
		For drawout circuit breaker
	Fixed.	
	Drawout.	

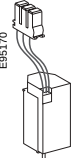
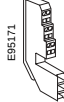
Installation manual 47103

Closing and opening release (XF or MX)

Standard coil (1 part)		
	AC 50/60 Hz	12 V DC
		24-30 V AC/DC
		48-60 V AC/DC
		100-130 V AC/DC
		200-250 V AC/DC
		277 V AC
	DC	380-480 V AC
Communicating coil (1 part)		
	AC 50/60 Hz	12 V DC
		24-30 V AC/DC
		48-60 V AC/DC
		100-130 V AC/DC
		200-250 V AC/DC
		277 V AC
	DC	380-480 V AC
	Terminal block (1 part)	For fixed circuit breaker
		For drawout circuit breaker
	Fixed.	
	Drawout.	

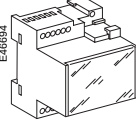
Installation manual 47103

Undervoltage release MN

Undervoltage release (1 part)		
	AC 50/60 Hz	24-30 V DC, 24 V AC
		48-60 V DC, 48 V AC
		100-130 V AC/DC
		200-250 V AC/DC
		380-480 V AC
	DC	
	Terminal block (1 part)	For fixed circuit breaker
		For drawout circuit breaker
	Fixed.	
	Drawout.	

Installation manual 47103

MN delay unit

MN delay unit (1 part)		
		R (non-adjustable)
		Rr (adjustable)
	AC 50/60 Hz	48-60 V
		100-130 V
		200-250 V
		380-480 V
	DC	
Installation manual		47103

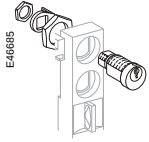
Catalogue numbers: spare parts

Masterpact NT Chassis locking and accessories

(*) Installation manual must be ordered separately,
it is not supply with the component

Chassis locking

"Disconnected" position locking / 1 part



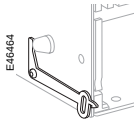
By padlocks

Standard

By keylocks

Profalux	1 lock	33773
	1 lock + 1 lock with same key profile	33774
	2 locks (different key profiles)	33775
1 identical keylock Profalux with the same key:		
	key: random not identified combination	33173
	key: random identified 215470 combination	33174
	key: random identified 215471 combination	33175
Ronis	1 lock	33776
	1 lock + 1 lock with same key profile	33777
	2 locks (different key profiles)	33778
1 identical keylock Ronis with the same key :		
	key: random not identified combination	33189
	key: random identified EL24135 combination	33190
	key: random identified EL24153 combination	33191
	key: random identified EL24315 combination	33192
Locking kit without locks for	Profalux	33769
	Ronis	33770
	Castell	33771
	Kirk	33772
Installation manual		47104

Door interlock / 1 part



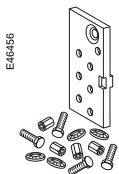
Right and left-hand side of chassis (VPECD or VPECG)	33172
Installation manual	47104

Racking interlock / 1 part



Racking interlock (VPOC)	33788
Installation manual	47104

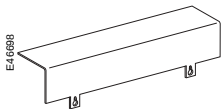
Breaker mismatch protection / 1 part



Breaker mismatch protection (VDC)	33767
Installation manual	47104

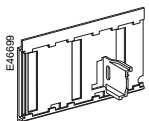
Chassis accessories

Auxiliary terminal shield (CB) / 1 part



Terminal shield	3P	33763
	4P	33764
Installation manual		47104

Safety shutters + locking / 1 part



Safety shutters (VO)	3P	33765
	4P	33766
Installation manual		47104
Nota : the locking of safety shutters is integrated.		

Clusters



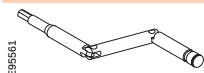
Grease for disconnecting contact clusters (1 kg)	54122
1 disconnecting contact cluster for chassis (see table below) 1 part	33166

Table : number of clusters required for the different chassis models

Chassis rating (A)	Masterpact NT	
	3P	4P
630	12	18
800	12	18
1000	12	18
1250	12	18
1600	18	24

Nota : the minimum order is 6 parts.

Racking handle / 1 part



Racking handle	47098
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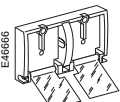
Catalogue numbers: spare parts

Masterpact NT Circuit breaker locking and accessories

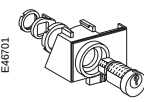
(*) Installation manual must be ordered separately,
it is not supply with the component

Circuit breaker locking

Pushbutton locking device / 1 part

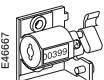
	By padlocks	33897
	Installation manual	47103

OFF position locking / 1 part

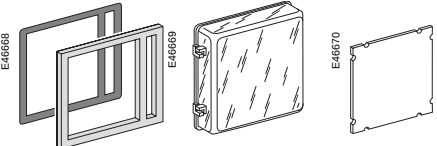
	By padlocks + BPFE support		47514
	By keylocks + BPFE support		
	Profalux	1 lock	47519
		1 lock + 1 lock with same key profile	47520
	1 identical keylock Profalux with the same key:		
		key: random not identified combination	33173
		key: random identified 215470 combination	33174
		key: random identified 215471 combination	33175
	Ronis	1 lock	47521
		1 lock + 1 lock with same key profile	47522
	1 identical keylock Ronis with the same key :		
		key: random not identified combination	33189
		key: random identified EL24135 combination	33190
		key: random identified EL24153 combination	33191
		key: random identified EL24315 combination	33192
	Locking kit without locks for	Profalux	47515
		Ronis	47516
		Kirk	47517
		Castell	47518
	Installation manual		47103

Other circuit breaker accessories

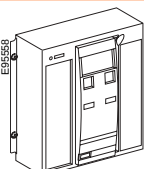
Mechanical operation counter / 1 part

	Operation counter CDM	33895
	Installation manual	47103

Escutcheon and accessories / 1 part

		Fixed	Drawout
	Escutcheon	33718	33857
	Transparent cover (IP 54)		33859
	Escutcheon blanking plate		33858
EscutcheonCoverBlanking plate		Installation manual	47103

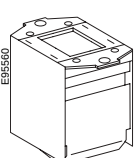
Front cover (3P / 4P) / 1 part

	Front cover	47094
	Installation manual	47103

Spring charging handle / 1 part

	Spring charging handle	47092
	Installation manual	47103

Arc chute for Masterpact NT / 1 part

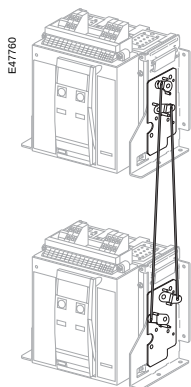
	Type H1	3P	4P
		3 x 47095	4 x 47095
	Type L1	3 x 47096	4 x 47096
	Installation manual		47103

Masterpact NT

Mechanical interlocking for source changeover

Mechanical interlocking for source changeover

Interlocking using connecting rods



Complete assembly with 2 adaptation fixtures + rods

2 Masterpact NT fixed devices

33912

2 Masterpact NT drawout devices

33913

Nota : the installation manual is enclosed.

Interlocking using cables ⁽¹⁾

Choose 2 adaptation fixtures (1 for each breaker) + 1 set of cables

1 adaptation fixture for Masterpact NT fixed devices

33200

1 adaptation fixture for Masterpact NT drawout devices

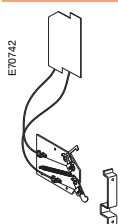
33201

1 set of 2 cables

33209

(1) Can be used with any combination of NT or NW, fixed or drawout devices.

Cable-type door interlock



1 complete assembly for Masterpact NT fixed devices

33920

1 complete assembly for Masterpact NT drawout devices

33921

Nota : the installation manual is enclosed.

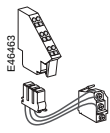
Catalogue numbers: spare parts

Masterpact NT Indication contacts

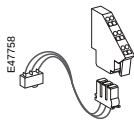
(*) Installation manual must be ordered separately,
it is not supply with the component

Indication contacts

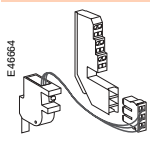
ON/OFF indication contacts (OF) / 1 part

	Changeover contacts (6 A - 240 V)	47076
	1 low-level OF to replace 1 standard OF (4 max.)	47077
	Wiring	For fixed circuit breaker 47074
		For drawout circuit breaker 33098
	Installation manual	47103

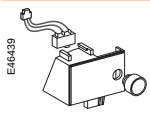
"Fault trip" indication contacts (SDE) / 1 part

	1 additional SDE (5 A - 240 V)	47078
	1 additional low-level SDE	47079
	Wiring	For fixed circuit breaker 47074
		For drawout circuit breaker 33098
	Installation manual	47103

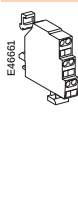
"Ready to close" contact (1 max.) / 1 part

		PF
	1 changeover contact (5 A - 240 V)	47080
	1 low-level changeover contact	47081
	Wiring	For fixed circuit breaker 47074
		For drawout circuit breaker 33098
	Installation manual	47103

Electrical closing pushbutton / 1 part

		BPFE
	1 pushbutton	47512
	Installation manual	47103

Carriage switches (connected / disconnected / test position) / 1 part

	Changeover contacts (6A - 240 V)	
	1 connected position contact (3 max.)	33170
	1 test position contact (1 max.)	33170
	1 disconnected position contact (2 max.)	33170
	And/or low-level changeover contacts	
	1 connected position contact (3 max.)	33171
	1 test position contact (1 max.)	33171
	1 disconnected position contact (2 max.)	33171

Auxiliary terminals for chassis alone

	3 wire terminal (1 part), terminal block (1 part)	33098
	Jumpers (10 parts)	47900
	Installation manual	47104

(*) Installation manual must be ordered separately,
it is not supply with the component

Instructions		
Chassis accessories		47104
Circuit breaker accessories		47103
Fixed and drawout circuit breaker		47102
Micrologic user manual	20 / 50 (French)	33076
	20 / 50 (English)	33077
	2A / 7A (French)	33079
	2A / 7A (English)	33080
	5P / 7P (French)	33082
	5P / 7P (English)	33083
	5H / 7H (French)	33085
	5H / 7H (English)	33086
NT user manual	French	47106
	English	47107
Modbus communication notice for manual		33088
Micrologic accessories replacement guide		33075

Catalogue numbers: spare parts

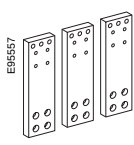
Masterpact NW Connection

(*) Installation manual must be ordered separately,
it is not supply with the component

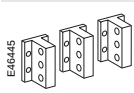
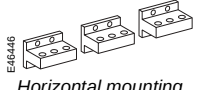
Connection

Fixed circuit breakers

Front connection / Replacement kit (3 or 4 parts)

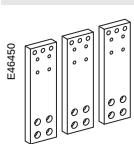
			3P	4P
	800/1600 A	Top	47990	47991
	2000/3200 A	Top	47992	47993
	800/1600 A	Bottom	47932	47933
	2000/3200 A	Bottom	47942	47943
Installation manual			47950	

Rear connection (vertical or horizontal mounting) / Replacement kit (3 or 4 parts)

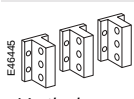
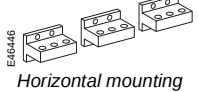
	800/2000 A	Vertical	47964	47965
		Horizontal	47964	47965
	2500/3200 A	Vertical	47966	47967
		Horizontal	47966	47967
	4000 A	Vertical	47968	47969
		Horizontal	47970	47971
	4000b/5000 A	Vertical	2x 47966	2x 47967
		Horizontal	2x 47966	2x 47967
6300 A			2x 47968	2x 47969
Installation manual			47950	

Drawout circuit breakers

Front connection / Replacement kit (3 or 4 parts)

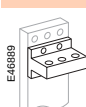
	800/1600 A	Top or bottom	47960	47961
	2000/3200 A	Top or bottom	47962	47963
	Installation manual			47950

Rear connection (vertical or horizontal mounting) / Replacement kit (3 or 4 parts)

	800/2000 A types N1/H1/H2	Vertical	47964	47965
	800/1600 A types H3/L1	Horizontal	47964	47965
	2500/3200 A types H1/H2	Vertical	47966	47967
	2000/3200 A types H3/L1	Horizontal	47966	47967
	4000 A	Vertical	47968	47969
		Horizontal	47970	47971
	4000b/5000 A	Vertical	2x 47966	2x 47967
		Horizontal	2x 47966	2x 47967
6300 A			2x 47968	2x 47969
Installation manual			47950	

Connection accessories

Disconnectable front-connection adapter for fixed circuit breaker (3 or 4 parts)

			3P	4P
	1600 A		48464	48466
	2000/3200 A		48465	48467
	Installation manual			47950

Interphase barriers / Replacement kit (3 parts)

	For fixed rear-connected circuit breaker	48599	48599
	For drawout rear-connected circuit breaker	48600	48600
	Installation manual		

Catalogue numbers: spare parts

Masterpact NW

Micrologic control unit, communication option

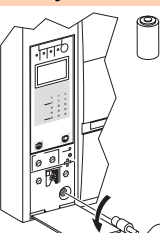
(*) Installation manual must be ordered separately,
it is not supply with the component

Replacement parts for Micrologic control units

Long-time rating plug (limits setting range for higher accuracy) / 1 part

	Standard	0.4 at 1 x Ir	33542
	Low-setting option	0.4 at 0.8 x Ir	33543
	High-setting option	0.8 at 1 x Ir	33544
	Without long-time protection	off	33545
	Installation manual		33075

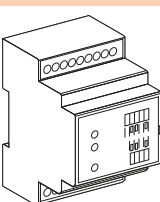
Battery + cover

	Battery (1 part)		33593
	Cover (1 part)	For Micrologic A	33592
		For Micrologic P and H	47067

Installation manual	33075
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Communication option

Chassis

	Modbus COM		33852
	Digipact COM		33855
	6 wires terminal drawout (1 part)		47850
	6 wires terminal fixed (1 part)		47075

Installation manual	33088
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External sensors

External sensor for earth-fault protection (TCE) / 1 part

	Sensor rating	400/2000 A	34035
		1000/4000 A	34036
		4000/6300 A	48182

Source ground return (SGR) earth-fault protection / 1 part

	External sensor (SGR)		33579
	MDGF summing module		48891

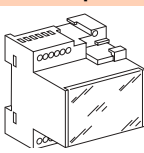
Rectangular sensor for earth-leakage protection + Vigi cable / 1 part

	280 mm x 115 mm		33573
	470 mm x 160 mm		33574

Vigi cable or external voltage cable / 1 part

Vigi cable or external voltage cable	47090
--------------------------------------	-------

External power supply module / 1 part

	24-30 V DC		54440
	48-60 V DC		54441
	100-125 V DC		54442
	110-130 V AC		54443
	200-240 V AC		54444
	380-415 V AC		54445

Battery module / 1 part

1 battery	24 V DC	54446
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Test equipments / 1 part

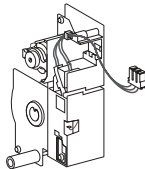
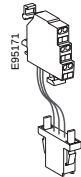
	Mini test kit		33594
	Portable test kit		33595
	Wiring kit or mini test kit or portable test kit		33590
	2 pin test cable		S48908 (*)

(*) Consult us.

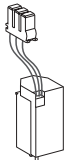
(*) Installation manual must be ordered separately,
it is not supply with the component

Remote operation

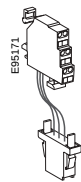
Gear motor

  <i>Fixed.</i>	 <i>Drawout.</i>	MCH (1 part)		
		AC 50/60 Hz	48 V	47889
			100-130 V	47893
			200-240 V	47894
			250-277 V	47895
			380-415 V	47896
	440-480 V		47897	
	DC	24-30 V	47888	
		48-60 V	47889	
		100-125 V	47890	
		200-250 V	47891	
Terminal block (1 part)	For fixed circuit breaker	47074		
	For drawout circuit breaker	47849		
Installation manual		47951		

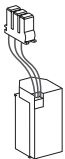
Closing and opening release (XF or MX)

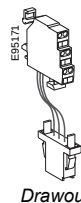
 E95170	Standard coil (1 part)		
	AC 50/60 Hz	12 V DC	33658
	DC	24-30 V AC/DC	33659
		48-60 V AC/DC	33660
		100-130 V AC/DC	33661
		200-250 V AC/DC	33662
		277 V AC	33663
		380-480 V AC	33664
Communicating coil (1 part)			
AC 50/60 Hz	12 V DC	33032	
DC	24-30 V AC/DC	33033	
	48-60 V AC/DC	33034	
	100-130 V AC/DC	33035	
	200-250 V AC/DC	33036	
	277 V AC	33037	
	380-480 V AC	33038	
	Terminal block (1 part)		
	For fixed circuit breaker	47074	
	For drawout circuit breaker	47849	
Installation manual		47951	


E95169
Fixed.


E95171
Drawout.

Undervoltage release MN



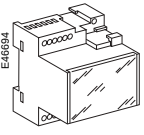


Undervoltage release (1 part)		
AC 50/60 Hz	24-30 V DC, 24 V AC	33668
	48-60 V DC, 48 V AC	33669
DC	100-130 V AC/DC	33670
	200-250 V AC/DC	33671
	380-480 V AC	33673
Terminal block (1 part)	For fixed circuit breaker	47074
	For drawout circuit breaker	47849
Installation manual		47951

Fixed.

Drawout.

MN delay unit

	MN delay unit (1 part)		
	AC 50/60 Hz	48-60 V	R (non-adjustable) 33680
		100-130 V	33681
	DC	200-250 V	33682
		380-480 V	33683
	Installation manual		47951

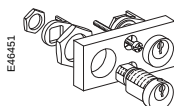
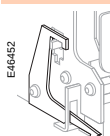
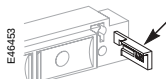
Catalogue numbers: spare parts

Masterpact NW Chassis locking and accessories

(*) Installation manual must be ordered separately,
it is not supply with the component

Chassis locking

"Disconnected" position locking / 1 part

	By padlocks		Standard
	By keylocks		
	Profalux	1 lock	48568
		1 lock + 1 lock with same key profile	48569
		2 locks (different key profiles)	48570
	1 identical keylock Profalux with the same key:		
	key: random not identified combination		33173
	key: random identified 215470 combination		33174
	key: random identified 215471 combination		33175
	Ronis	1 lock	48572
		1 lock + 1 lock with same key profile	48573
		2 locks (different key profiles)	48574
	1 identical keylock Ronis with the same key :		
	key: random not identified combination		33189
	key: random identified EL24135 combination		33190
	key: random identified EL24153 combination		33191
	key: random identified EL24315 combination		33192
	Locking kit without locks for Profalux, Ronis		48564
	Castell		48565
	Kirk		48566
	Installation manual		47952

Door interlock / 1 part

Right and left-hand side of chassis (VPECD or VPECG)	47914
Installation manual	47952

Racking interlock

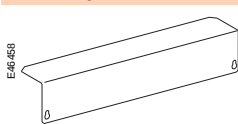
5 parts	48582
Installation manual	47952

Breaker mismatch protection / 1 part

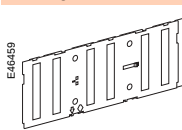
Breaker mismatch protection (VDC)	33767
Installation manual	47952

Chassis accessories

Auxiliary terminal shield (CB) / 1 part

	800/4000 A	3P	48595
		4P	48596
	4000b/6300 A	3P	48597
		4P	48598
	Installation manual		47952

Safety shutters + locking block / 1 part

	800/4000 A	3P	48721
		4P	48723
	4000b/6300 A	3P	48722
		4P	48724
	Installation manual		47952

Shutter locking block (for replacement) / 1 part

	2 parts for 800/4000 A	48591
	Installation manual	47952

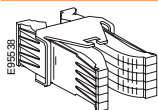
Earthing kit for chassis

	3P	4P
Types for N1/H1/NA/HA	48433	48434

Nota : the installation manual is enclosed.

(*) Installation manual must be ordered separately,
it is not supply with the component

Clusters



Grease for disconnecting contact clusters (1 kg)

54122

1 disconnecting contact cluster for chassis (see table below) (part 1)

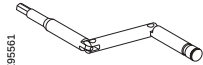
33166

Table : number of clusters required for the different chassis models

Chassis rating (A)	Masterpact NW 3P				Masterpact NW 4P			
	N1	H1/H2	H3	L1	N1	H1/H2	H3	L1
630								
800	6	12		24	8	16		32
1000	6	12		24	8	16		32
1250	6	12		24	8	16		32
1600	12	12		24	16	16		32
2000		24	24	42		32	32	56
2500		24	24			32	32	
3200		36	36			48	48	
4000		42	42			56	56	
4000b		72				96		
5000		72				96		
6300		72				96		

Nota : the minimum order is 6 parts.

Racking handle



Racking handle

47944

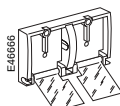
Catalogue numbers: spare parts

Masterpact NW Circuit breaker locking and accessories

(*) Installation manual must be ordered separately,
it is not supply with the component

Circuit breaker locking

Pushbutton locking device / 1 part

	By padlocks	48536
	Installation manual	47951

OFF position locking / 1 part

E46735

A technical line drawing of a padlock assembly. It shows a rectangular body with a keyhole on the right side and a mounting bracket on the left. A separate key is shown below the main assembly.

By padlocks / 1 part

48539

By padlocks and keylocks / 1 part

Profalux

1 lock

48545

1 lock + 1 lock with same key profile

48546

2 locks (different key profiles)

48547

1 identical keylock Profalux with the same key:

key: random not identified combination

33173

key: random identified 215470 combination

33174

key: random identified 215471 combination

33175

Ronis

1 lock

48549

1 lock + 1 lock with same key profile

48550

2 locks (different key profiles)

48551

1 identical keylock Ronis with the same key :

key: random not identified combination

33189

key: random identified EL24135 combination

33190

key: random identified EL24153 combination

33191

key: random identified EL24315 combination

33192

Locking kit without locks for

Profalux, Ronis

48541

Kirk

48542

Castell

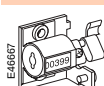
48543

Installation manual

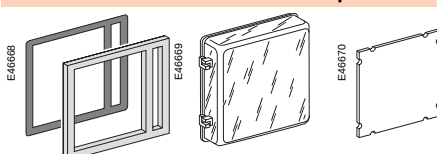
47951

Other circuit breaker accessories

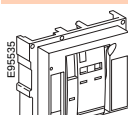
Mechanical operation counter / 1 part

	Operation counter CDM	48535
	Installation manual	47951

Escutcheon and accessories / 1 part

		Fixed	Drawout
	Escutcheon	48601	48603
	Transparent cover (IP 54)		48604
	Escutcheon blanking plate	48605	48605
Installation manual		47951	

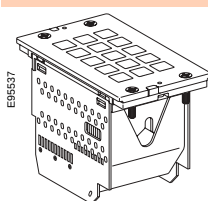
Front cover (3P / 4P) / 1 part

	Front cover	47939
	Installation manual	47951

Spring charging handle / 1 part

	Spring charging handle	47940
	Installation manual	47951

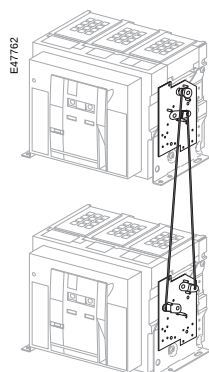
Arc chute for Masterpact NW / 1 part

		3P	4P
	Type N1	3 x 47935	4 x 47935
	Type H1/H2 (NW08 to NW40)	3 x 47935	4 x 47935
	Type H1/H2 (NW40b to NW63)	6 x 47936	8 x 47936
	Type H3	3 x 47936	4 x 47936
	Type L1	3 x 47937	4 x 47937
	Type NW DC	3 x 47934	4 x 47934
Installation manual		47951	

(*) Installation manual must be ordered separately,
it is not supply with the component

Mechanical interlocking for source changeover

Interlocking of 2 devices using connecting rods



Complete assembly with 2 adaptation fixtures + rods

2 Masterpact NW fixed devices

48612

2 Masterpact NW drawout devices

48612

Can be used with 1 NW fixed + 1 NW drawout.

Nota : the installation manual is enclosed.

Interlocking of 2 devices using cables ⁽¹⁾

Choose 2 adaptation sets (1 for each device + 1 set of cables)

1 adaptation fixture for Masterpact NW fixed devices

47926

1 adaptation fixture for Masterpact NW drawout devices

47926

1 set of 2 cables

33209

(1) Can be used with any combination of NT or NW, fixed or drawout devices.

Interlocking of 3 devices using cables

Choose 3 adaptation (including 3 adaptation fixtures + cables)

3 sources, only 1 device closed, fixed or drawout devices

48610

2 sources + 1 coupling, fixed or drawout devices

48609

2 normal + 1 replacement source, fixed or drawout devices

48608

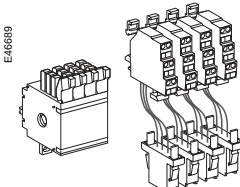
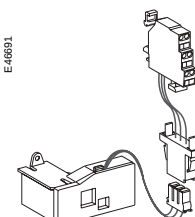
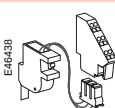
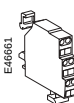
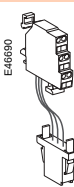
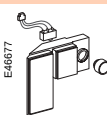
Cable-type door interlock

1 complete assembly for Masterpact NW fixed or drawout device

48614

Nota : the installation manual is enclosed.

(*) Installation manual must be ordered separately,
it is not supply with the component

Indication contacts			
ON/OFF indication contacts (OF) / 1 part			
	1 additional block of 4 contacts		47887
	Wiring	For fixed circuit breaker	47074
		For drawout circuit breaker	47849
	Installation manual		47951
"Fault trip" indication contacts (SDE) / 1 part			
	Changeover contact (SDE) 6 A - 240 V		47915
	Wiring	Low-level	47916
		For fixed circuit breaker	47074
		For drawout circuit breaker	47849
Installation manual		47951	
"Ready to close" contact (1 max.) / 1 part			
	1 changeover contact (5 A - 240 V)		PF
	1 low-level changeover contact		47080
	Wiring	For fixed circuit breaker	47081
		For drawout circuit breaker	47074
Installation manual		47849	
Installation manual		47951	
"Connected, disconnected, test position" indication contact (carriage switches) / 1 part			
	Changeover contacts 6 A - 240 V		33170
	CE, CD, CT Low-level		33171
	Installation manual		47952
	Set of additional actuators for carriage switches / 1 set		
1 set		48560	
Combined closed / connected contacts for use with 1 auxiliary contact / 1 part			
	1 contact (5 A - 240 V)		48477
	or 1 low-level contact		48478
	Installation manual		47952
	Electrical closing pushbutton / 1 part		
	1 pushbutton		BPFE
	Installation manual		48534
	Installation manual		47951
	Auxiliary terminals for chassis alone		
3 wire terminal (1 part)		47849	
6 wire terminal (1 part)		47850	
Jumpers (10 parts)		47900	

Instructions		
Chassis accessories		47952
Circuit breaker accessories		47951
Fixed and drawout circuit breaker		47950
User manual	NW AC (French)	47954
	NW AC (English)	47955
	NW DC (French)	47957
	NW DC (English)	47958
Micrologic user manual	20 / 50 (French)	33076
	20 / 50 (English)	33077
	2A / 7A (French)	33079
	2A / 7A (English)	33080
	5P / 7P (French)	33082
	5P / 7P (English)	33083
	5H / 7H (French)	33085
	5H / 7H (English)	33086
Modbus communication notice for manual		33088
Micrologic accessories replacement guide		33075

To indicate your choice, check the applicable square boxes ☐

and enter the appropriate information in the rectangles

Circuit breaker or switch-disconnector		Quantity
Masterpact type	NT ☐ NW ☐	
Rating	A ☐	
Sensor rating	A ☐	
Circuit breaker	N1, H1, H2, H3, L1 ☐	
Special circuit breaker	H2 anticorrosion, H10 ☐	
Switch-disconnector	NA, HA, HF, HA10, ES ☐	
Number of poles	3 or 4 ☐	
Brand	MG ☐ SD ☐	
Option: neutral on right side	☐	
Type of equipment	Fixed ☐ Drawout with chassis ☐ Drawout without chassis (moving part only) ☐ Chassis alone ☐	
Earthing switch kit for chassis	☐	
Micrologic control unit		
A - ammeter	2.0 ☐ 5.0 ☐ 6.0 ☐ 7.0 ☐	
P - power meter	5.0 ☐ 6.0 ☐ 7.0 ☐	
H - harmonic meter	5.0 ☐ 6.0 ☐ 7.0 ☐	
LR - long-time rating plug	Standard 0.4 to 1 Ir ☐ Low setting 0.4 to 0.8 Ir ☐ High setting 0.8 to 1 Ir ☐ LR OFF ☐	
AD - external power-supply module	V ☐	
BAT - battery module	☐	
TCE - external sensor (CT) for neutral and residual earth-fault protection	☐	
TCE - external sensor (CT) for over sized neutral (3P - Micrologic P / H) and residual earth-fault protection	☐	
TCW - external sensor for SGR protection	☐	
Rectangular sensor for earth-leakage protection	NT (280 x 115 mm) ☐ NW (470 x 160 mm) ☐	
PTE - external voltage connector	☐	
Communication		
COM module	JBus/ModBus Device ☐ Chassis ☐ Digipact Device ☐ Chassis ☐	
Eco COM module	ModBus (for XF or MX communicating release) ☐	
Connection		
Horizontal	Top ☐ Bottom ☐	
Vertical	Top ☐ Bottom ☐	
Front	Top ☐ Bottom ☐	
Vertical-connection adapters	NT - FC fixed, draw. ☐	
Cable-lug adapters	NT - FC fixed, draw. ☐	
Arc chute screen	NT - FC fixed ☐	
Interphase barriers	NT, NW fixed, drawout ☐	
Spreaders	NT fixed, drawout ☐	
Disconnectable front connection adapter	NW fixed ☐	
Lugs for 240 ² or 300 ² cables	NT fixed, drawout ☐	

Micrologic control unit functions:
 2.0 : basic protection (long time + inst.)
 5.0 : selective protection (long time + short time + inst.)
 6.0 : selective + earth-fault protection (long time + short time + inst. + earth-fault)
 7.0 : selective + earth-leakage protection (long time + short time + inst. + earth-leakage)

Indication contacts

OF - ON/OFF indication contacts

Standard	4 OF 6 A-240 V AC (10 A-240 V AC and low-level for NW)		
Alternate	1 OF low-level for NT	Max. 4	qty
Additional	1 block of 4 OF for NW	Max. 2	qty

EF - combined "connected/closed" contacts

	1 EF 6 A-240 V AC for NW	Max. 8	qty
	1 EF low-level for NW	Max. 8	qty

SDE - "fault-trip" indication contact

Standard	1 SDE 6 A-240 V AC		
Additional	1 SDE 6 A-240 V AC ☐	1 SDE low level	

Programmable contacts

	2 M2C contacts ☐	6 M6C contacts	
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Carriage switches	Low level ☐	6 A-240 V AC	
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CE - "connected" position	Max. 3 for NW/NT		qty
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CD - "disconnected" position	Max. 3 for NW - 2 for NT		qty
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CT - "test" position	Max. 3 for NW - 1 for NT		qty
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AC - NW actuator for 6 CE - 3 CD - 0 CT additional carriage switches			qty
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Remote operation

Remote ON/OFF	MCH - gear motor	V	
	XF - closing voltage release	V	
	MX - opening voltage release	V	
	PF - "ready to close" contact	Low level	
		6 A-240 V AC	

	BPFE - electrical closing pushbutton		
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	Res - electrical reset option	V	
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	RAR - automatic reset option		
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Remote tripping	MN - undervoltage release	V	
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	R - delay unit (non-adjustable)		
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	Res - adjustable delay unit		
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	2 nd MX - shunt release	V	
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Locking

VBP - ON/OFF pushbutton locking (by transparent cover + padlocks)	☐
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OFF position locking:

VCPO - by padlocks	☐
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VSPO - by keylocks	Keylock kit (w/o keylock)	Profalux ☐	Ronis ☐
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	1 keylock	Profalux ☐	Ronis ☐
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	2 identical keylocks, 1 key	Profalux ☐	Ronis ☐
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	2 keylocks, different keys (NW)	Profalux ☐	Ronis ☐
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Chassis locking in "disconnected" position:

VSPP - by keylocks	Keylock kit (w/o keylock)	Profalux ☐	Ronis ☐
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		Kirk ☐	Castell ☐
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	1 keylock	Profalux ☐	Ronis ☐
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	2 identical keylocks, 1 key	Profalux ☐	Ronis ☐
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	2 keylocks, different keys	Profalux ☐	Ronis ☐
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	Optional connected/disconnected/test position lock		
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VPEC - door interlock	On right-hand side chassis ☐
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	On left-hand side chassis ☐
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VPOC - racking interlock	☐
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IPA - cable-type door interlock	☐
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VDC - mismatch protection	☐
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VIVC - shutter position indication and locking for NW	☐
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IBPO - racking interlock between crank and OFF pushbutton for NW	☐
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DAE - automatic spring discharge before breaker removal for NW	☐
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Accessories

VO - safety shutters on chassis for NT and NW	☐
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CDM - mechanical operation counter NT, NW	☐
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CB - auxiliary terminal shield for chassis NT, NW	☐
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CC - arc chute cover for fixed NT	☐
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CDP - escutcheon NT, NW	☐
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CP - transparent cover for escutcheon NT, NW	☐
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OP - blanking plate for escutcheon NT, NW	☐
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Brackets for mounting	NW fixed ☐	On backplates ☐
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Test kits	Mini test kit ☐	Portable test kit ☐
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