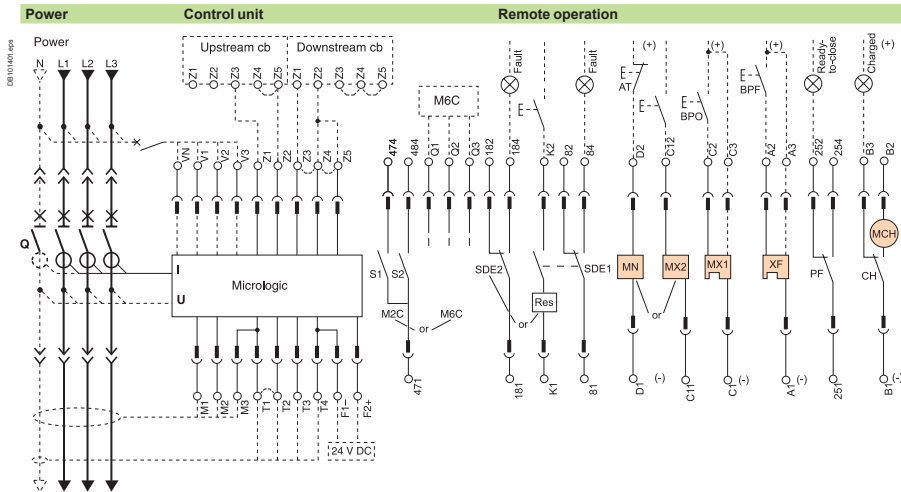


The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in normal position.



Terminal block marking	Control unit									
	Com	UC1	UC2	UC3	UC4	M2C	M6C			
○ E5	○ E6	○ Z5	○ M1	○ M2	○ M3	○ F2+	○ V3	○ 484	○ Q3	
○ E3	○ E4	○ Z3	○ Z4	○ T3	○ T4	○ VN	○ V2	○ 474	○ Q2	
○ E1	○ E2	○ Z1	○ Z2	○ T1	○ T2	○ F1-	○ V1	○ 471	○ Q1	

Remote operation									
SDE2	Res	SDE1	MN	MX2	MX1	XF	PF	MCH	
○ 184	○ K2	○ 84	○ D2	○ C12	○ C2	○ A2	○ 254	○ B2	
○ 182		○ 82			○ C3	○ A3	○ 252	○ B3	
○ 181	○ K1	○ 81	○ D1	○ C11	○ C1	○ A1	○ 251	○ B1	

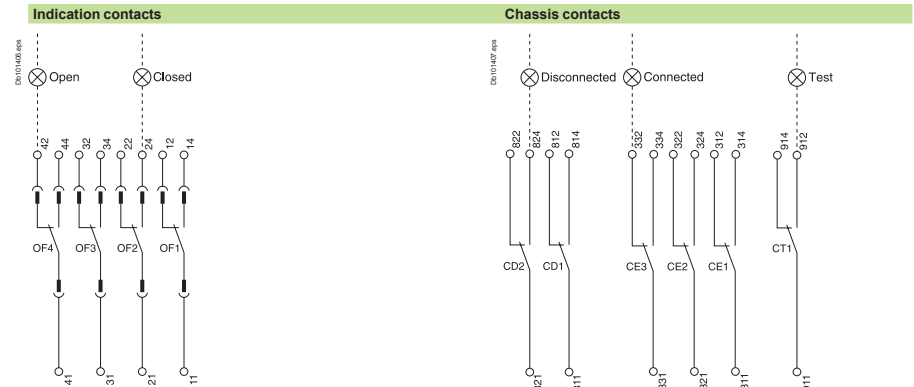
A	E	P	H	Control unit
■	■	■	■	Com : E1-E6 communication
■	■	■	■	UC1 : Z1-Z5 zone selective interlocking Z1 = ZSI OUT SOURCE Z2 = ZSI OUT ; Z3 = ZSI IN SOURCE Z4 = ZSI IN ST (short time) Z5 = ZSI IN GF (earth fault)
■	■	■	■	M1 = Vigi module input (Micrologic 7)
■	■	■	■	UC2 : T1, T2, T3, T4 = external neutral M2, M3 = Vigi module input (Micrologic 7)
■	■	■	■	UC3 : F2+, F1- external 24 V DC power supply VN external voltage connector (must be connected to the neutral with a 3P circuit breaker)
■	■	■	■	UC4 : External Voltage Connector (PTE option)
■	■	■	■	M2C : 2 programmable contacts (external relay) ext. 24 V DC power supply required.
■	■	■	■	M6C : 6 programmable contacts to be connected to the external module M6C) ext. 24 V DC power supply required.

A : digital ammeter.
E : energy.

P : A + power meter + additional protection.
H : P + harmonics.

Remote operation									
SDE2 : fault-trip indication contact									
or									
Res : remote reset									
SDE1 : fault-trip indication contact (supplied as standard)									
MN : undervoltage release									
or									
MX2 : shunt release									
MX1 : shunt release (standard or communicating)									
XF : closing release (standard or communicating)									
PF : ready-to-close contact									
MCH : electric motor									

Note: when communicating MX or XF releases are used, the third wire (C3, A3) must be connected even if the communication module is not installed.

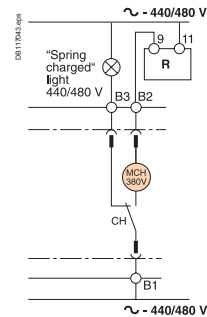


Indication contacts			
OF4	OF3	OF2	OF1
○ 44	○ 34	○ 24	○ 14
○ 42	○ 32	○ 22	○ 12
○ 41	○ 31	○ 21	○ 11

Chassis contacts					
CD2	CD1	CE3	CE2	CE1	CT1
○ 824	○ 814	○ 334	○ 324	○ 314	○ 914
○ 822	○ 812	○ 332	○ 322	○ 312	○ 912
○ 821	○ 811	○ 331	○ 321	○ 311	○ 911

Indication contacts
OF4 / OF3 / OF2 / OF1 : ON/OFF indication contacts.

(*) Spring charging motor 440/480 VAC
(380 V motor + additional resistor).



Chassis contacts
CD2 : disconnected position contacts
CD1 : connected position contacts
CE3 : test position contacts
CE2 : disconnected position contacts
CE1 : connected position contacts
CT1 : test position contacts

Key:

drawout device only.

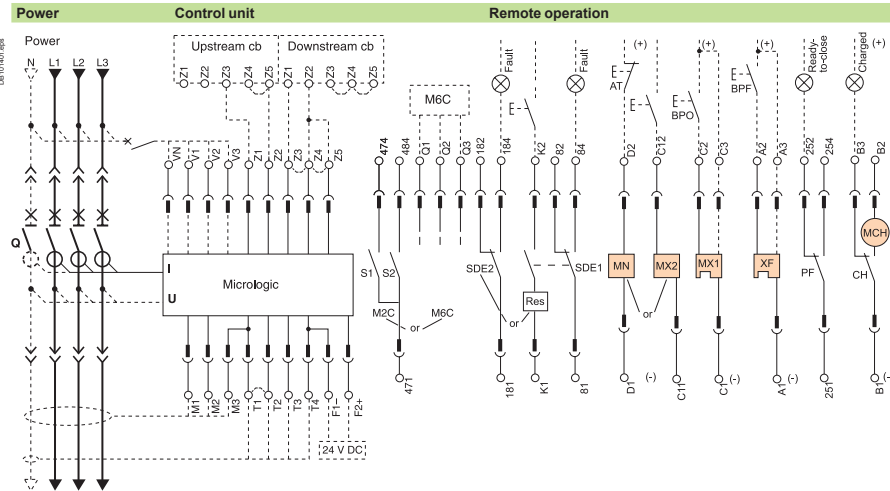
SDE1, OF1, OF2, OF3, OF4 supplied as standard.

interconnected connections
(only one wire per connection point).

Masterpact NW08 to NW63

Fixed and drawout devices

The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in normal position.



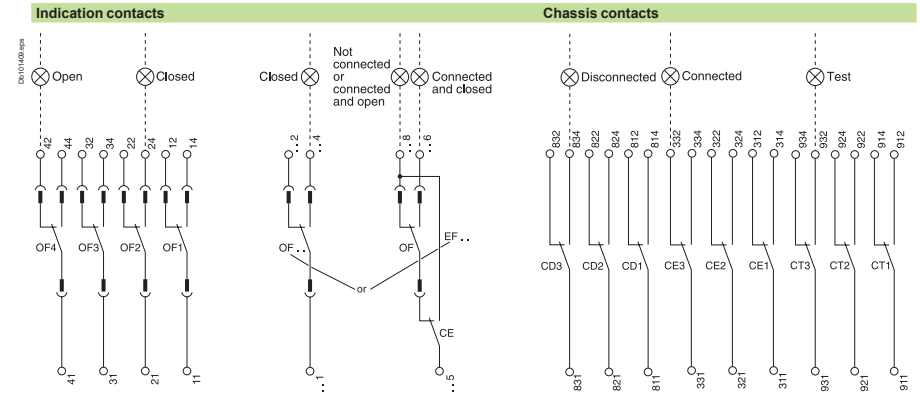
Terminal block marking	Control unit						Remote operation					
	Com	UC1	UC2	UC3	UC4	M2C / M6C	SDE2 / Res	SDE1	MN / MX2	MX1	XF	PF / MCH
E5	E6	Z5	M1	M2	M3	F2+	184	84	D2	C12	A2	254
E3	E4	Z3	Z4	T3	T4	VN	162	82			C3	A3
E1	E2	Z1	Z2	T1	T2	F1-	181	K1	D1	C11	A1	251
						V1						B1

A	E	P	H	Control unit	Remote operation
■	■	■	■	Com : E1-E6 communication	SDE2 : fault-trip indication contact or Res : remote reset
■	■	■	■	UC1 : Z1-Z5 zone selective interlocking Z1 = ZSI OUT SOURCE Z2 = ZSI OUT ; Z3 = ZSI IN SOURCE Z4 = ZSI IN ST (short time) Z5 = ZSI IN GF (earth fault) M1 = Vigi module input (Micrologic 7) M2, M3 = Vigi module input (Micrologic 7)	SDE1 : fault-trip indication contact (supplied as standard) MN : undervoltage release or MX2 : shunt release MX1 : shunt release (standard or communicating)
■	■	■	■	UC2 : T1, T2, T3, T4 = external neutral M2, M3 = Vigi module input (Micrologic 7)	XF : closing release (standard or communicating) PF : ready-to-close contact
■	■	■	■	UC3 : F2+, F1- external 24 V DC power supply VN external voltage connector (must be connected to the neutral with a 3P circuit breaker)	MCH : electric motor
■ ⁽¹⁾	■	■	■	UC4 : External Voltage Connector (PTE option)	
				M2C : 2 programmable contacts (internal relay) ext. 24 V DC power supply required or M6C : 6 programmable contacts (to be connected to the external module M6C) ext. 24 V DC power supply required	

A : digital ammeter. P : A + power meter + additional protection.
E : energy. H : P + harmonics.
(1) The PTE option with Micrologic E is not compatible with an external potential CT.

Masterpact NW08 to NW63

Fixed and drawout devices



Indication contacts												Chassis contacts								
OF4	OF3	OF2	OF1	OF24	OF23	OF22	OF21	OF14	OF13	OF12	OF11	CD3	CD2	CD1	CE3	CE2	CE1	CT3	CT2	CT1
44	34	24	14	244	234	224	214	144	134	124	114	834	824	814	334	324	314	934	924	914
42	32	22	12	242	232	222	212	142	132	122	112	832	822	812	332	322	312	932	922	912
41	31	21	11	241	231	221	211	141	131	121	111	831	821	811	331	321	311	931	921	911
				EF24	EF23	EF22	EF21	EF14	EF13	EF12	EF11	CE6	CE5	CE4				CE9	CE8	CE7
				248	238	228	218	148	138	128	118	364	354	344				394	384	374
				246	236	226	216	146	136	126	116	362	352	342				392	382	372
				245	235	225	215	145	135	125	115	361	351	341				391	381	371

Indication contacts												Chassis contacts								
OF4 :	ON/OFF indication contacts	OF24 or EF24	OF23 or EF23	OF22 or EF22	OF21 or EF21	OF14 or EF14	OF13 or EF13	OF12 or EF12	OF11 or EF11	CD3	disconnected position contacts	CE3	connected position contacts	CT3	test position contacts	CE9	connected position contacts	CE8	position contacts	CE7
OF3										CD1		CE1		CT1		CE9		CE8		CE7
OF2																CD6	disconnected position contacts	CD5	position contacts	CD4
OF1																				

Key:
 [] drawout device only.
 [XXX] SDE1, OF1, OF2, OF3, OF4 supplied as standard.
 [] interconnected connections (only one wire per connection point).