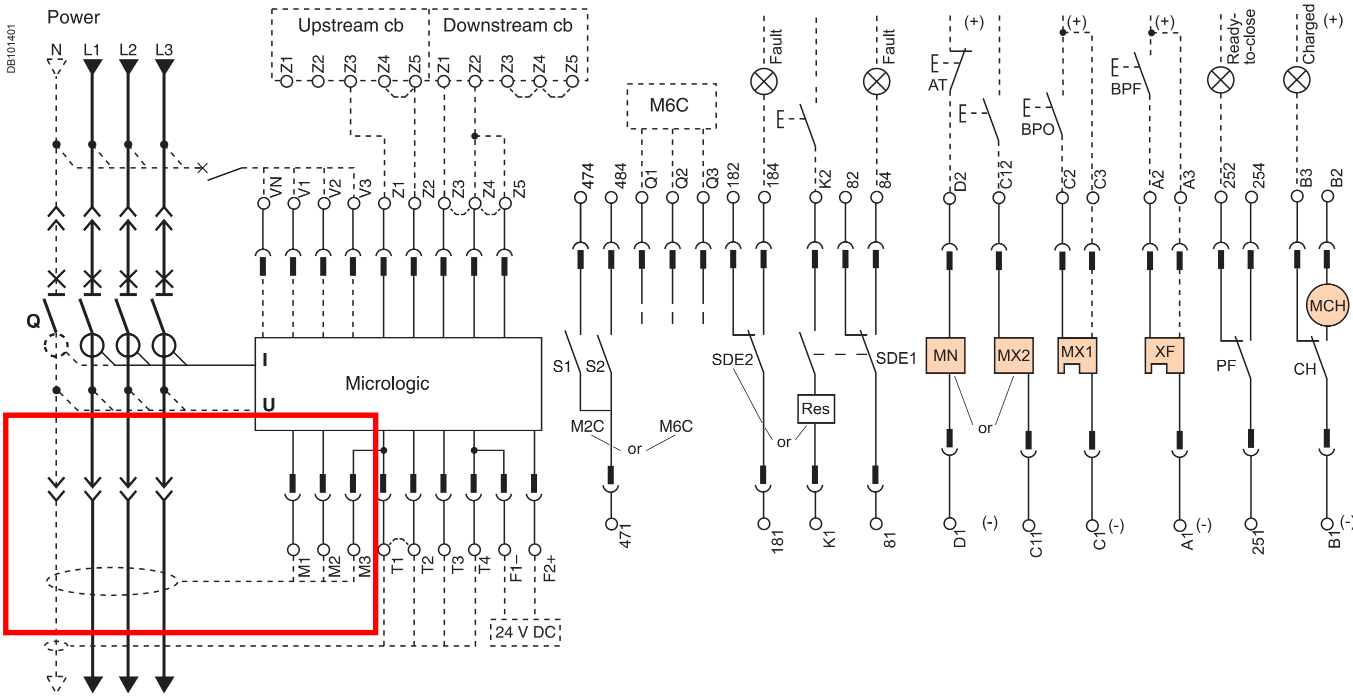
Masterpact NW08 to NW63

Fixed and drawout devices

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

Power	Control unit	Remote operation



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+	V3	484 / Q3	184 / K2	84	D2 / C12	C2	A2	254	B2
E3 E4	Z3 Z4	T3 T4	VN	V2	474 / Q2	182	82		C3	A3	252	B3
E1 E2	Z1 Z2	T1 T2	F1–	V1	471 / Q1	181 / K1	81	D1 / C11	C1	A1	251	B1

A	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

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

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.*

***A** : digital ammeter.*
***P** : A + power meter + additional protection.*
***H** : P + harmonics.*