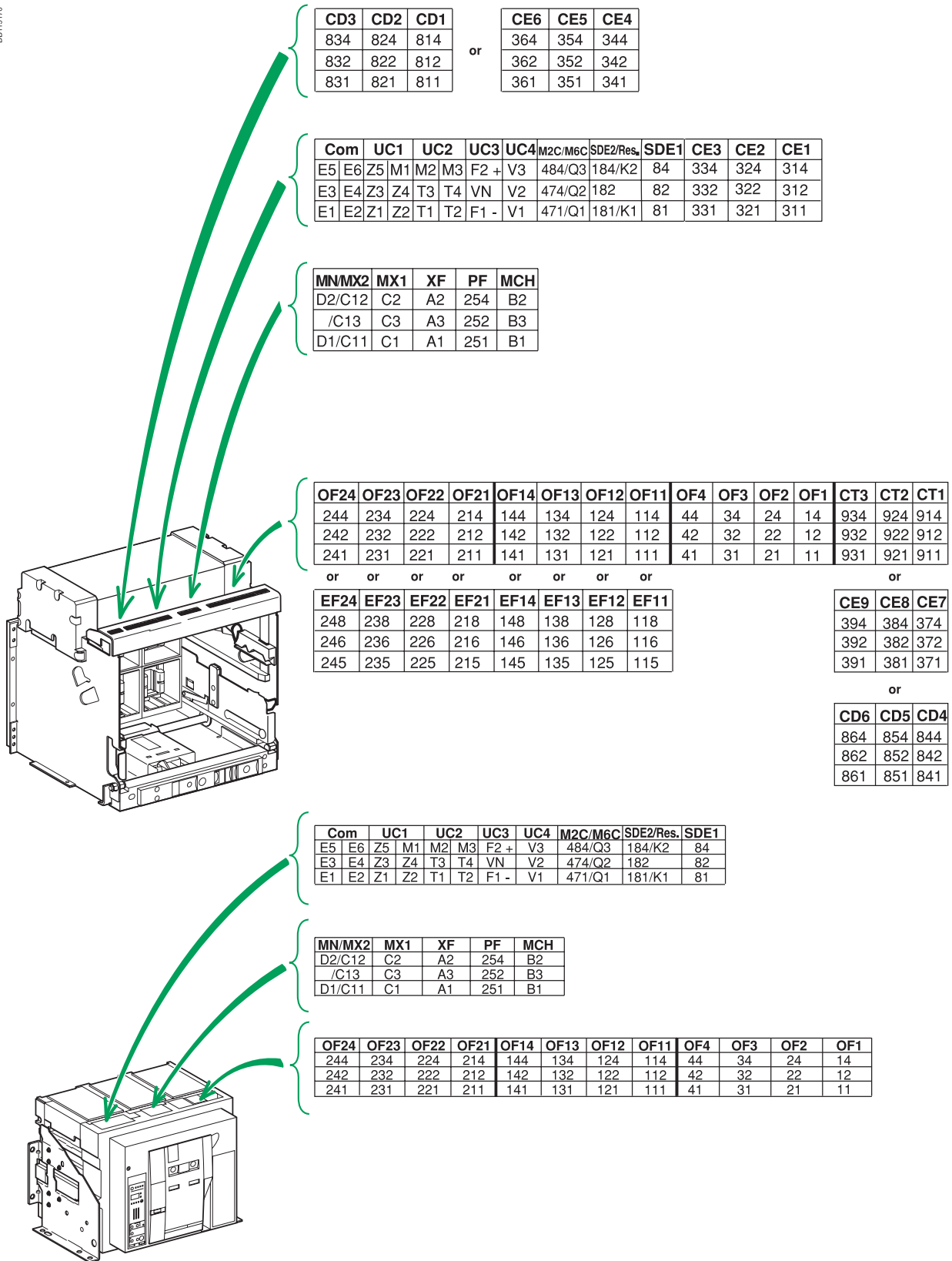


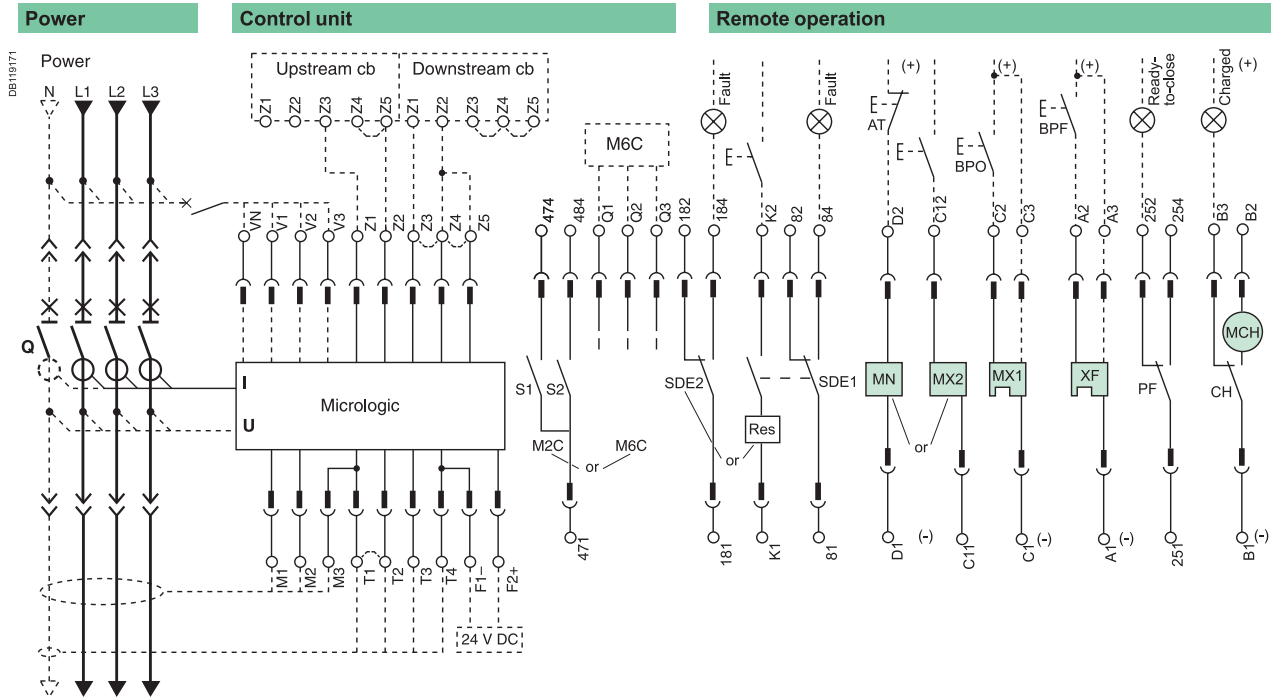
Identification of the connection terminals

Layout of terminal blocks

DB119170



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



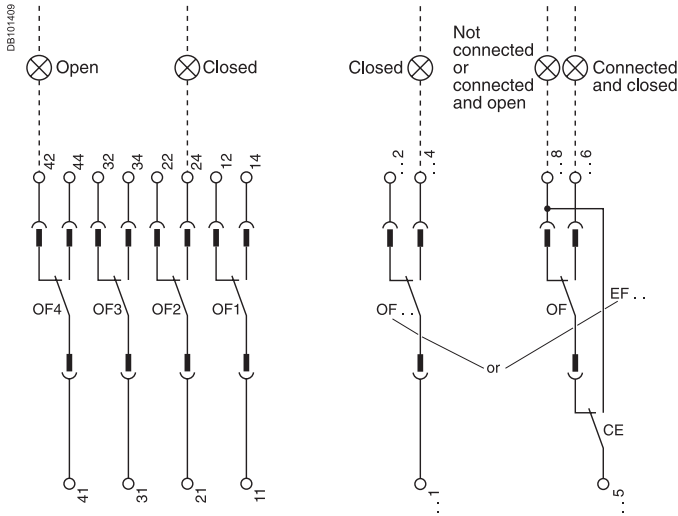
Com		UC1		UC2		UC3		UC4		M2C / M6C	
○	○	○	○	○	○	○	○	○	○	○	○
E5	E6	Z5	M1	M2	M3	F2+	V3	484	Q3	471	Q1
○	○	○	○	○	○	○	○	○	○	○	○
E3	E4	Z3	Z4	T3	T4	VN	V2	474	Q2	○	○
○	○	○	○	○	○	○	○	○	○	○	○
E1	E2	Z1	Z2	T1	T2	F1-	V1	471	Q1	○	○

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

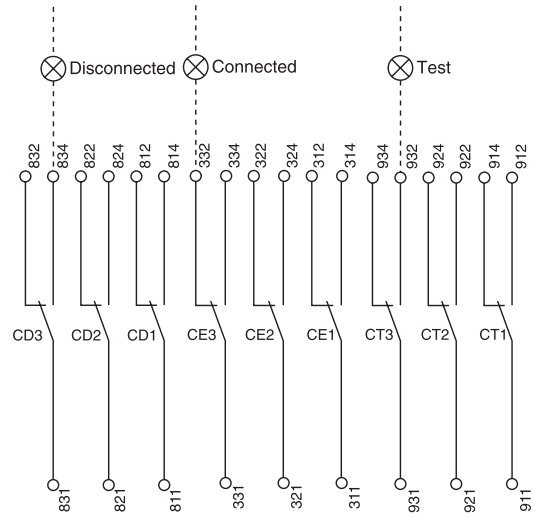
A	E	P	H	Control unit	Remote operation
■	■	■	■	Com: E1-E6 communication	SDE2: Fault-trip indication contact or Res: Remote reset
■	■	■	■	UC1: Z1-Z5 zone selective interlocking; Z1 = ZSI OUT SOURCE Z2 = ZSI OUT; Z3 = ZSI IN SOURCE Z4 = ZSI IN ST (short time) Z5 = ZSI IN GF (earth fault) M1 = Vigi module input (Micrologic 7)	SDE1: Fault-trip indication contact (supplied as standard)
■	■	■	■	UC2: T1, T2, T3, T4 = external neutral; M2, M3 = Vigi module input (Micrologic 7)	MN: Undervoltage release or MX2: Shunt release
■	■	■	■	UC3: F2+, F1- external 24 V DC power supply VN external voltage connector	MX1: Shunt release (standard or communicating)
■	■	■	■	UC4: V1, V2, V3 optional external voltage protector	XF: Closing release (standard or communicating)
■	■	■	■	M2C: 2 programmable contacts (internal relay); or ext. 24 V DC power supply required	PF: "Ready to close" contact
■	■	■	■	M6C: 6 programmable contact (external relay); 24 V DC power supply required	MCH: Gear motor.
					Note: When communicating MX or XF releases are used, the third wire (C3, A3) must be connected even if the communications module is not installed.

A : Digital ammeter, E: A + energy
 P : E + power meter + programmable protection, H : P + harmonics

Indication contacts



Chassis contacts



Indication contacts

OF4	OF3	OF2	OF1	OF24	OF23	OF22	OF21	OF14	OF13	OF12	OF11
44	34	24	14	244	234	224	214	144	134	124	114
42	32	22	12	242	232	222	212	142	132	122	112
41	31	21	11	241	231	221	211	141	131	121	111
or											
EF24	EF23	EF22	EF21	EF14	EF13	EF12	EF11				
248	238	228	218	148	138	128	118				
246	236	226	216	146	136	126	116				
245	235	225	215	145	135	125	115				

Chassis contacts

CD3	CD2	CD1	CE3	CE2	CE1	CT3	CT2	CT1
834	824	814	334	324	314	934	924	914
832	822	812	332	322	312	932	922	912
831	821	811	331	321	311	931	921	911
or								
CE6	CE5	CE4				CE9	CE8	CE7
364	354	344				394	384	374
362	352	342				392	382	372
361	351	341				391	381	371

Indication contacts

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

OF24 or EF24: ON/OFF indication contacts
OF23 or EF23: ON/OFF indication contacts
OF22 or EF22: ON/OFF indication contacts
OF21 or EF21: ON/OFF indication contacts
OF14 or EF14: ON/OFF indication contacts
OF13 or EF13: ON/OFF indication contacts
OF12 or EF12: ON/OFF indication contacts
OF11 or EF11: ON/OFF indication contacts

Chassis contacts

CD3: Disconnected position contacts
CD2: Disconnected position contacts
CD1: Disconnected position contacts
CE3: Contacts de position "embroché"
CE2: Contacts de position "embroché"
CE1: Contacts de position "embroché"
CT3: Test-position contacts
CT2: Test-position contacts
CT1: Test-position contacts

or

CE6: Connected position contacts
CE5: Connected position contacts
CE4: Connected position contacts

or

CE9: Connected position contacts
CE8: Connected position contacts
CE7: Connected position contacts

or

CD6: Disconnected position contacts
CD5: Disconnected position contacts
CD4: Disconnected position contacts

Key:

Drawout device only

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

Interconnected connections (only one wire per connection point)