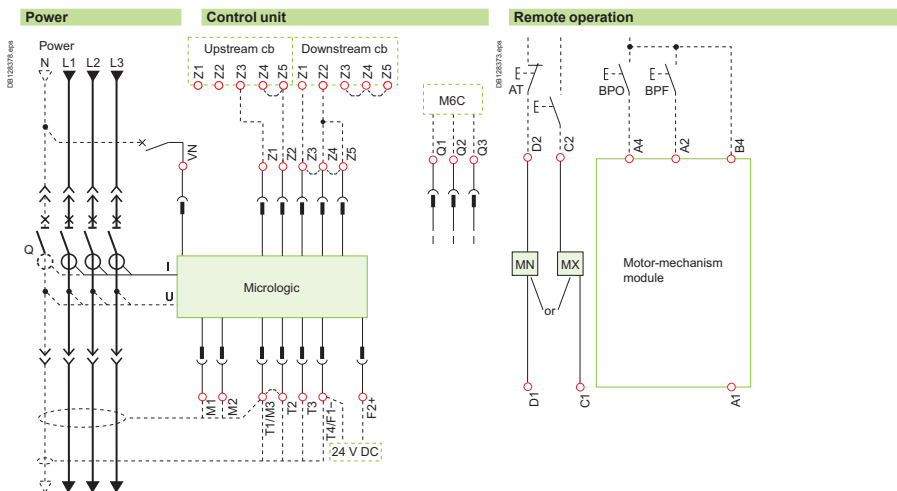


Compact NS630b to 1600

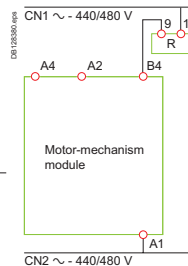
The diagram is shown with circuits de-energised, all devices open, connected and charged and relays in the normal position.



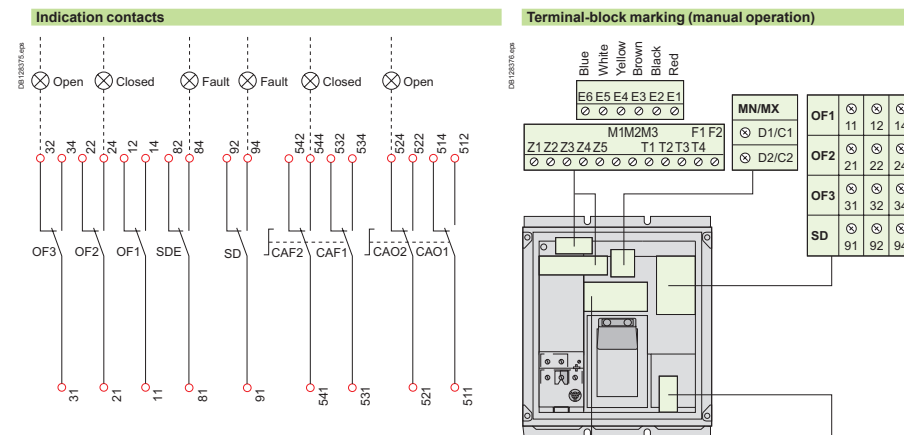
Basic	A	E	P	Control unit	Remote operation
■	■	■	■	E1-E6 communication	MN : undervoltage release or MX : shunt release
	■	■	■	Z1-Z5 zone selective interlocking: Z1 = ZSI OUT SOURCE Z2 = ZSI OUT ; Z3 = ZSI IN SOURCE Z4 = ZSI IN ST (short time) Z5 = ZSI IN GF (earth fault)	Motor-mechanism module (*) A4 : electrical opening order A2 : electrical closing order B4, A1 : power supply for control devices and gear motor
	■	■	■	M1 = Vigi module input (Micrologic 7)	
	■	■	■	T1, T2, T3, T4 = external neutral; M2, M3 = Vigi module input (Micrologic 7)	(*) Spring-charging motor 440/480 V AC (380 V motor + additional resistor)
	■	■	■	F2+, F1- external 24 V DC power supply VN external voltage connector (must be connected to the neutral with a 3P circuit breaker)	
	■		■	M6C : 6 programmable contacts (to be connected to the external module M6C) ext. 24 V DC power supply required	

CN1 ~ - 440/480 V
 19 11
 R
 A4 A2 B4
 Motor-mechanism module

E: energy
A: digital ammeter.
P: *A* + power meter + additional protection.

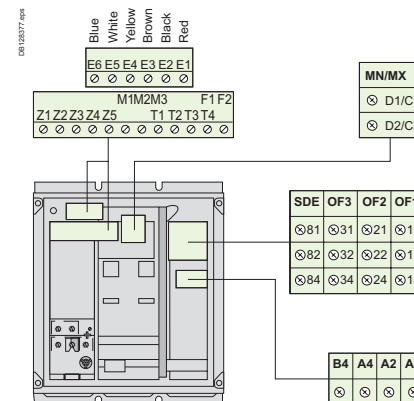


Compact NS630b to 1600



Indication contacts		Terminal-block marking (electrical operation)	
OF3 / OF2 / OF1	indication contacts		
SDE	fault-trip indication contact (short-circuit, overload, earth fault)		
SD	trip indication contact (manual operation)		
CAF2/CAF1 *	early-make contact (rotary handle)		
CAO2 / CAO1	early-break contact (rotary handle)		

Diagram illustrating the terminal block marking (electrical operation) for the indication contacts. The terminal block is divided into two rows of six terminals each. The top row terminals are labeled E6, E5, E4, E3, E2, E1, corresponding to the color codes Blue, White, Yellow, Brown, Black, and Red. The bottom row terminals are labeled Z1, Z2, Z3, Z4, Z5, T1, T2, T3, T4, corresponding to the color codes Green, Yellow, Red, Blue, Black, and White. The terminal block is also marked with M1M2M3 and F1F2. The diagram shows the connection of the SDE, SD, CAF2/CAF1, and CAO2/CAO1 contacts to the terminal block.



* CAF2 option is not compatible with M6C option.