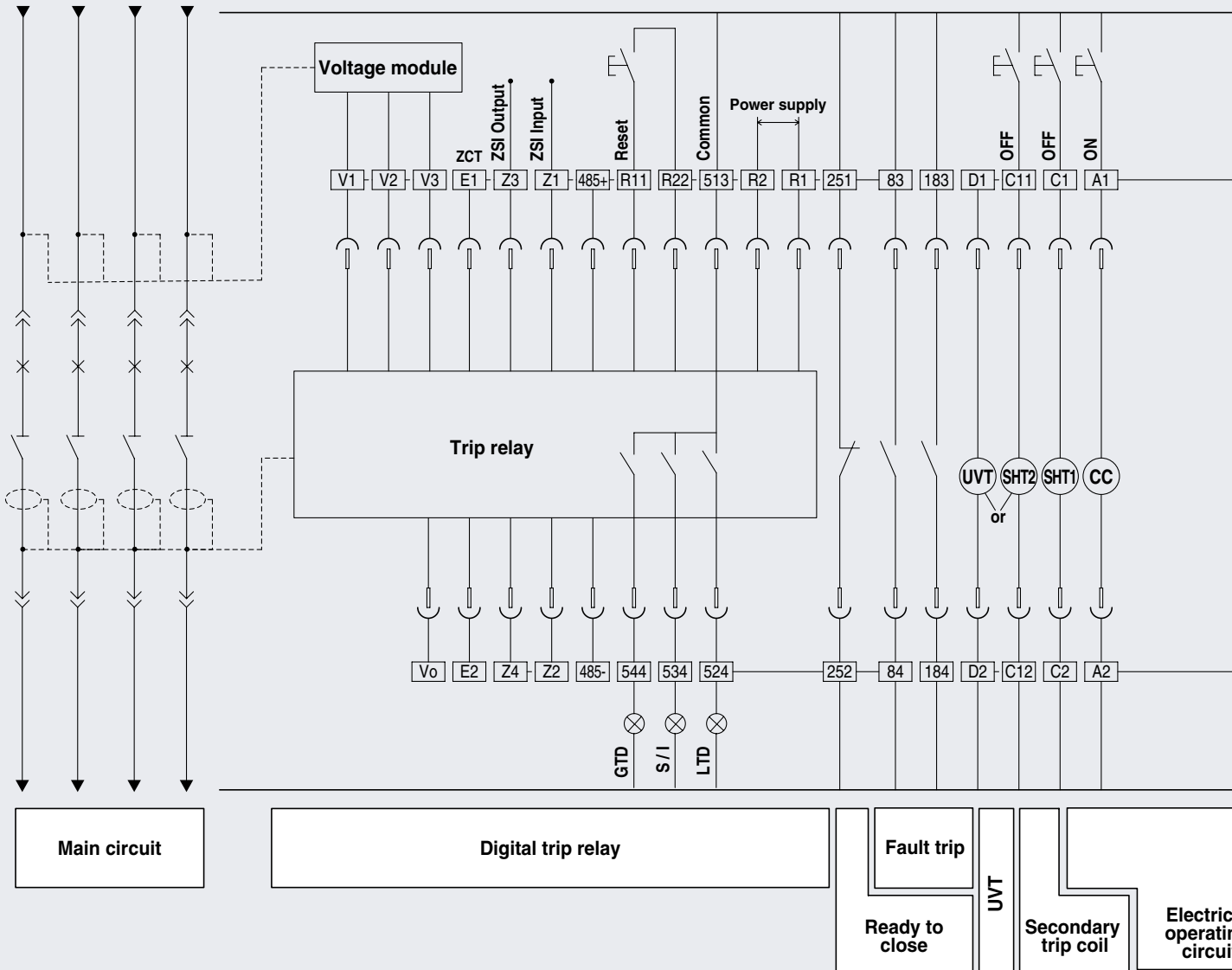


Electrical diagram

Susol

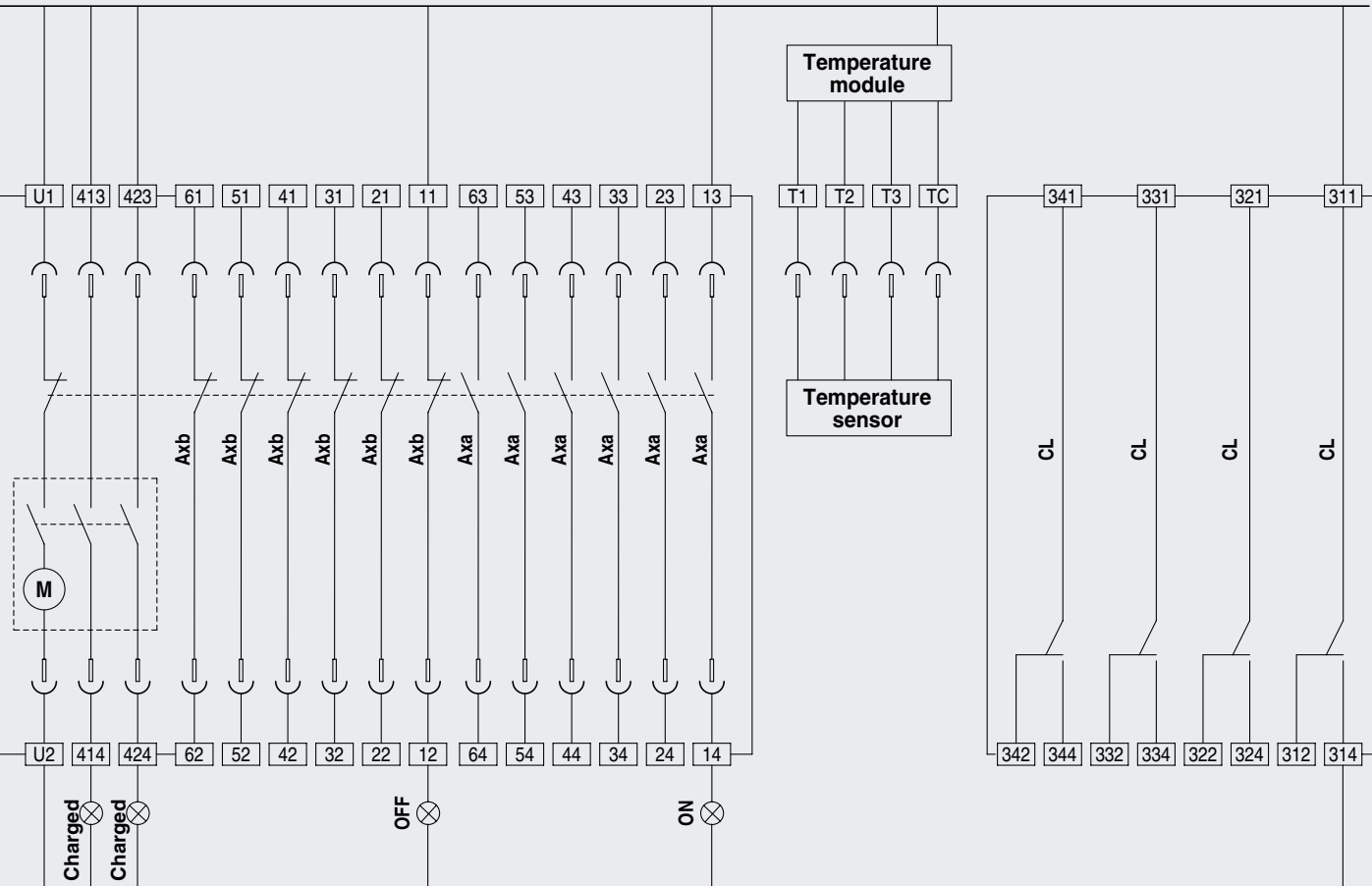
This diagram is based on "CONNECTED" position of a circuit breaker and Opening, Motor charging, Releasing of locking plate should be normal condition.



13	14	~	63	64	Auxiliary switch "a"
11	12	~	61	62	Auxiliary switch "b"
413	414				Charged signal
423	424				Charged signal communication
U1	U2				Motor charging
A1	A2				Closing coil
C1	C2				Shunt trip
C11	C12				2nd shunt trip

D1	D2	Voltage input terminal of UVT	
83	84	Alarm1 "a"	
183	184	Alarm2 "a"	
251	252	Ready to close switch	
R1	R2	Control power	
513	~	544	Alarm contact
R11	R22	Alarm reset (Trip cause LED, Alarm contact)	
Z1	Z2	ZSI Input	

Note) 1. The diagram is shown with circuits de-energized, all devices open, connected and charged and relays in normal position
 2. The standard of auxiliary contact is "3a3b"
 3. Option
 - Ready to close contact, Trip alarm contact, UVT coil, Fully charged contact, secondary trip coil
 - Cell switch, Temperature module, Voltage module, Remote close-open module, ZCT, ZSI



Z3	Z4	ZSI output
E1	E2	ZCT
VN	~ V3	Voltage module
TC	~ T3	Temperature module
311	~ 344	Position switch
Ax		Auxiliary switch
LTD		Long time delay trip indicator
S/I		Short time delay/instantaneous

GTD	Ground fault trip indicator
CL	Cell switch
(M)	Motor
(CC)	Closing coil
(SH1)	Shunt tripping device 1
(SH2)	Shunt tripping device 2
(UVT)	UVT coil