

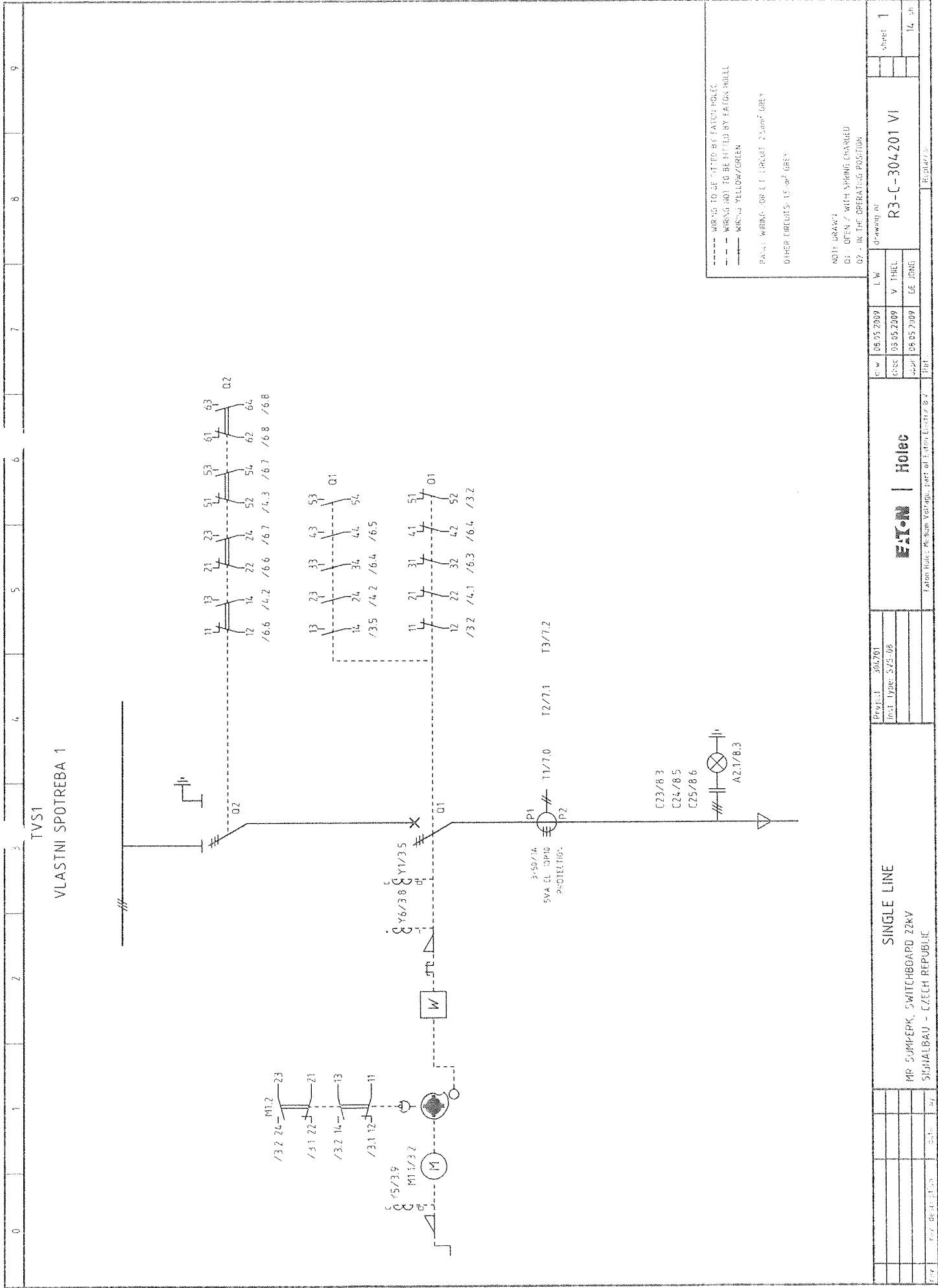
DOKUMENTACE SKUTEČNÉHO PROVEDENÍ

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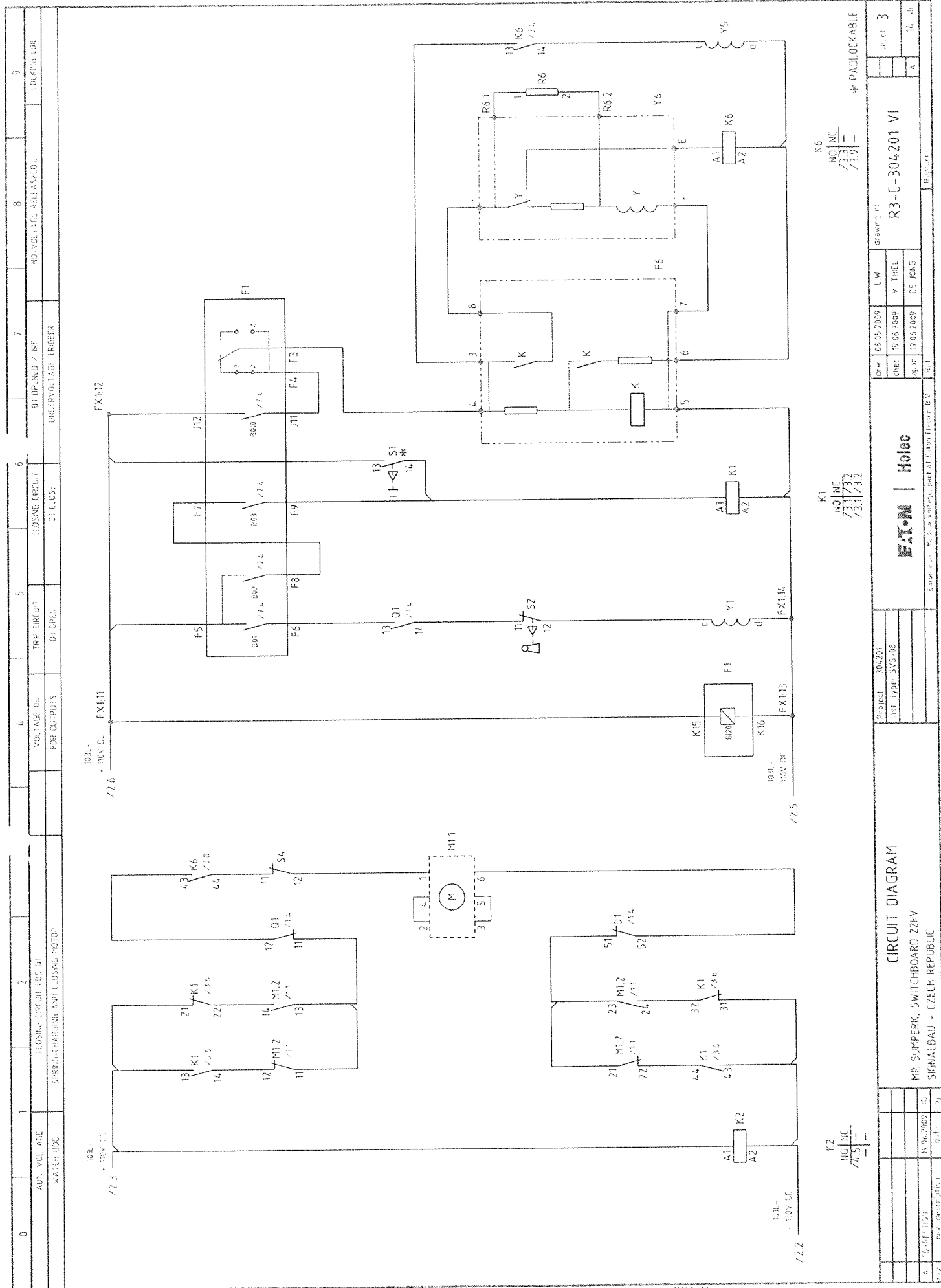
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OBJEDNATEL	Správa železniční dopravní cesty, s.o. a České dráhy a.s. v zastoupení: SŽDC s.o., Stavení správa Olomouc, Nerudova 1, 772 58 Olomouc		
STŘEDISKO	208 ELEKTROTECHNIKY, TRAKCE, SDĚLOVACÍ A ZABEZPEČOVACÍ TECHNIKY	VEDOUcí STŘEDISKA ING. MARTIN RAIBR	GENERÁLNÍ ŘEDITEL ING. JOSEF FIDLER
ODPOVĚDNÝ PROJEKTANT STAVBY ING. MONIKA CHRENKOVÁ MCO a.s.	ODPOVĚDNÝ PROJ. OBJ., PS ING. PETR VEČEŘ	NAVRHL, VYPRACOVAL ING. PETR VEČEŘ	KONTROLOVAL ING. KAREL KREMLÁČEK
KRAJ	OLOMOUCKÝ	MÚ/OÚ/POVĚŘENÁ OBEC ŠUMPERK	ÚČEL
Elektrizace trati Zábřeh - Šumperk PS 04-09-01 Žst. Šumperk, TM Šumperk, technologie - rozvaděč 22 kV			DSP
			DATUM 04/2010
			MĚŘÍTKO —
Obvodové schéma - rozvaděč 22 kV - vývod na transformátor TVS1			FORMÁTY A4
			ČÁST D.3.3
			PŘÍL. 9



Project: R3-C-304201 VI		Sheet: 1
Revision: 1		Sheet: 1
Date: 08.05.2009		Sheet: 1
Author: 08.05.2009		Sheet: 1
Check: 08.05.2009		Sheet: 1
Draw: 08.05.2009		Sheet: 1
Title: R3-C-304201 VI		Sheet: 1
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Title: R3-C-304201 VI		Sheet: 1

[illegible]



CIRCUIT DIAGRAM

MR SUMPERK. SWITCHBOARD 22KV SIGNALBAU - (ZELL) PER-2501C

Pinout Table:

Pin	Signal	Function
1	22	22V
2	21	22V
3	20	22V
4	19	22V
5	18	22V
6	17	22V
7	16	22V
8	15	22V
9	14	22V
10	13	22V
11	12	22V
12	11	22V
13	10	22V
14	9	22V
15	8	22V
16	7	22V

The diagram illustrates a three-phase transformer circuit. It features three transformers, labeled T1, T2, and T3, each with a primary winding (S1, S2) and a secondary winding (X2.1, X2.2, X2.3, X2.4, X2.5, X2.6). The secondary windings are connected to a common neutral point (X2.7) and a common neutral point (X2.8). The diagram also shows a common neutral point (X2.9) and a common neutral point (X2.10).

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DESCRIPTION											
CODE	UNIT WIRING DIAGRAM										
A2.1	LED VOLTAGE INDICATOR										
A2.2	VOLTAGE INDICATOR INTERFACE WITH OPTICAL INPUTS										
C23	CAPACITOR										
C24	CAPACITOR										
C25	CAPACITOR										
F1	PROTECTION RELAY										
F2	OVERVOLTAGE RELAY										
F6	NO-VOLTAGE RELEASE COIL MEASURINGSET										
F100	MINIATURE CIRCUIT-BREAKER										
F101	MINIATURE CIRCUIT-BREAKER										
F102	MINIATURE CIRCUIT-BREAKER										
F103	MINIATURE CIRCUIT-BREAKER										
F105	MINIATURE CIRCUIT-BREAKER										
K1	AUXILIARY RELAY										
K2	AUXILIARY RELAY										
K6	AUXILIARY RELAY										
M1.1	SPRING-CHARGING AND CLOSING MOTOR										
M1.2	AUXILIARY CONTACTS SPRING CHARGING MOTOR										
Q1	11-12, 21-22 CLOSED ONLY WHEN SPRING IS CHARGED										
	13-14, 23-24 OPENED ONLY WHEN SPRING IS CHARGED										
	CIRCUIT-BREAKER										
Q1	AUXILIARY CONTACTS CIRCUIT-BREAKER										
	11-12, 21-22, ... CLOSED ONLY WHEN THE CIRCUIT-BREAKER IS OPEN										
	13-14, 23-24, ... CLOSED ONLY WHEN THE CIRCUIT-BREAKER IS CLOSED										
Q2	CHANGEOVER SWITCH										
	AUXILIARY CONTACTS CHANGEOVER SWITCH										
	11-12; 21-22 OPENED ONLY IN THE EARTHING POSITION										
S0	13-14, 23-24 CLOSED ONLY IN THE EARTHING POSITION										
	51-52, 61-62 CLOSED ONLY IN THE OPERATING POSITION										
	53-54, 63-64 OPENED ONLY IN THE OPERATING POSITION										
S0	PUSH-BUTTON "OFF" (WHITE)										
S1	PUSH-BUTTON "ON" (GREEN) - PADLOCKABLE										
S2	AUXILIARY CONTACT CONTROLLED BY THE EARTHING LOCK.										
	11-12 OPENED ONLY WHEN THE CIRCUIT-BREAKER IS USED FOR EARTHING AND IS LOCKED BY KEY										
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DESCRIPTION																			
CODE	MAKE																		
S4	SCHALTBAU																		
AUXILIARY CONTACT CONTROLLED BY THE SELECTOR.																			
11-12 CLOSED ONLY WHEN THE SELECTOR IS IN THE LEFT POSITION																			
13-14 OPENED ONLY WHEN THE SELECTOR IS IN THE LEFT POSITION																			
SAT	KRAUS & NAIMER																		
SELECTOR SWITCH																			
T1	EATON HOLEC																		
CURRENT TRANSFORMER																			
T2	EATON HOLEC																		
CURRENT TRANSFORMER																			
T3	EATON HOLEC																		
CURRENT TRANSFORMER																			
W1																			
EARTH CONNECTION																			
X0	PHOENIX																		
TERMINAL STRIP																			
X1	PHOENIX																		
TERMINAL STRIP																			
X2	PHOENIX																		
TERMINAL STRIP																			
X3	PHOENIX																		
TERMINAL STRIP																			
X6																			
EARTH STRIP																			
X7																			
EARTH STRIP																			
FX1	PHOENIX																		
TERMINAL STRIP																			
Y1	KENDRION																		
TRIP COIL																			
Y5	KENDRION																		
LOCKING COIL ON OPERATING SHAFT OF THE CIRCUIT-BREAKER																			
MECHANICAL CLOSING OF THE CIRCUIT-BREAKER IS ONLY POSSIBLE WITH ENERGISED COIL																			
Y6	INTROCOM																		
NO-VOLTAGE RELEASE COIL																			
R3-C-304201 I/8																			
UNIT WIRING DIAGRAM																			
R3-C-304201 VI																			
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