

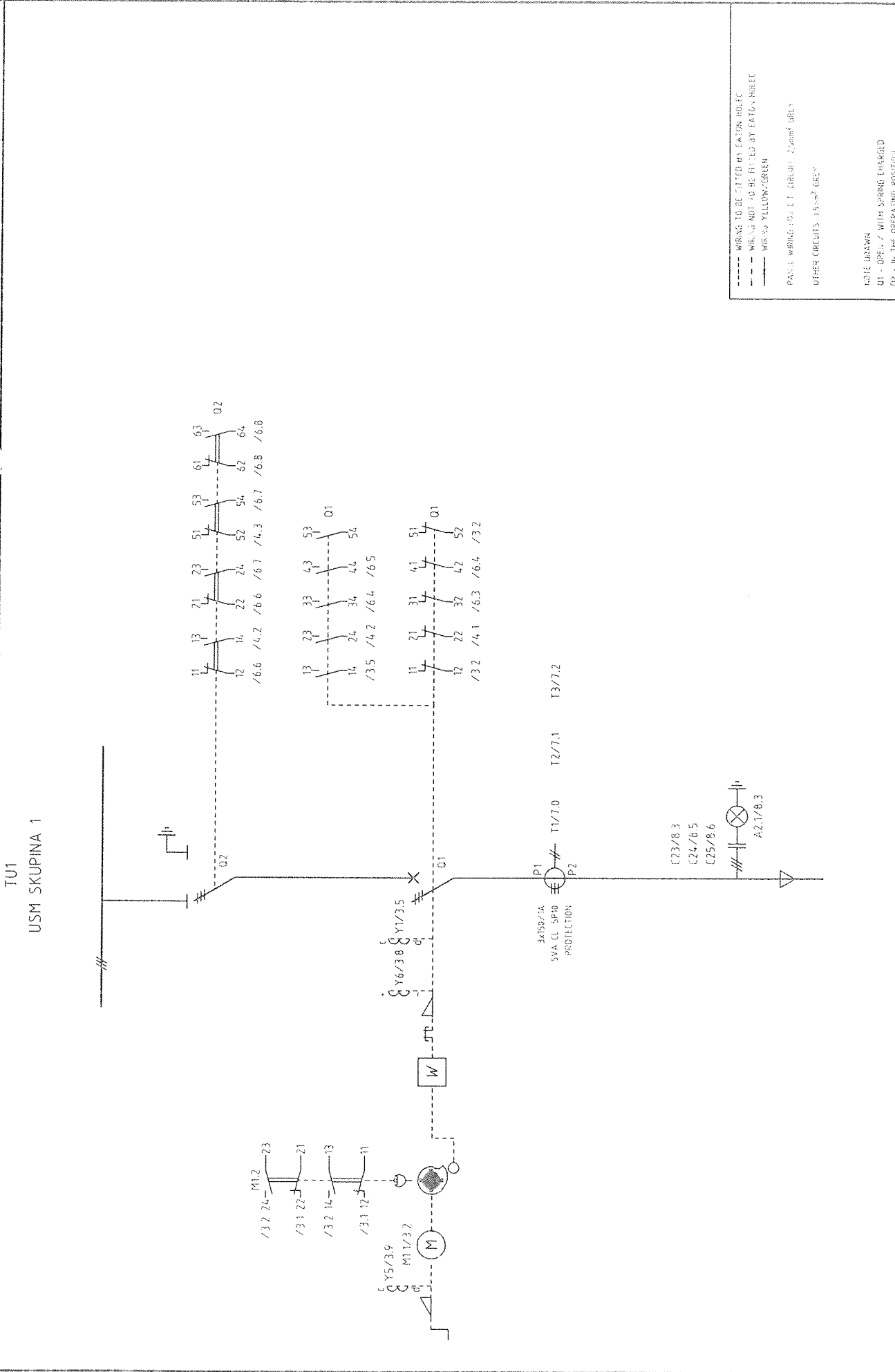
DOKUMENTACE SKUTEČNÉHO PROVEDENÍ

Č.změny	Text změny - odůvodnění	Datum	Podpis



Olšanská 1a
130 80 Praha 3
Česká republika
tel.: 224 22 71 68
fax: 224 23 03 16
faxmodem: 2670 943 64
E-mail: praha@sudop.cz

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	ODPOVĚDNÝ PROJ. OBJ., PS	NAVRHL, VYPRACOVAL	KONTROLOVAL
ING. MONIKA CHRENKOVÁ MCO a.s. <i>Ing. Chrenková</i>	ING. PETR VEČEŘ <i>Petr Večeř</i>	ING. PETR VEČEŘ <i>Petr Večeř</i>	ING. KAREL KREMLÁČEK <i>Karel Kremláček</i>
KRAJ	OLOMOUCKÝ	MÚ/OÚ/POVĚŘENÁ OBEC	ŠUMPERK
Elektrizace trati Zábřeh - Šumperk PS 04-09-01 Žst. Šumperk, TM Šumperk, technologie - rozvaděč 22 kV			ÚČEL
			DSP
			DATUM
Obvodové schéma - rozvaděč 22 kV - vývod na usměr. sk. 1 TU1			MĚŘÍTKO
			FORMÁTY
			ČÁST
			D.3.3
			PŘÍL.
			10



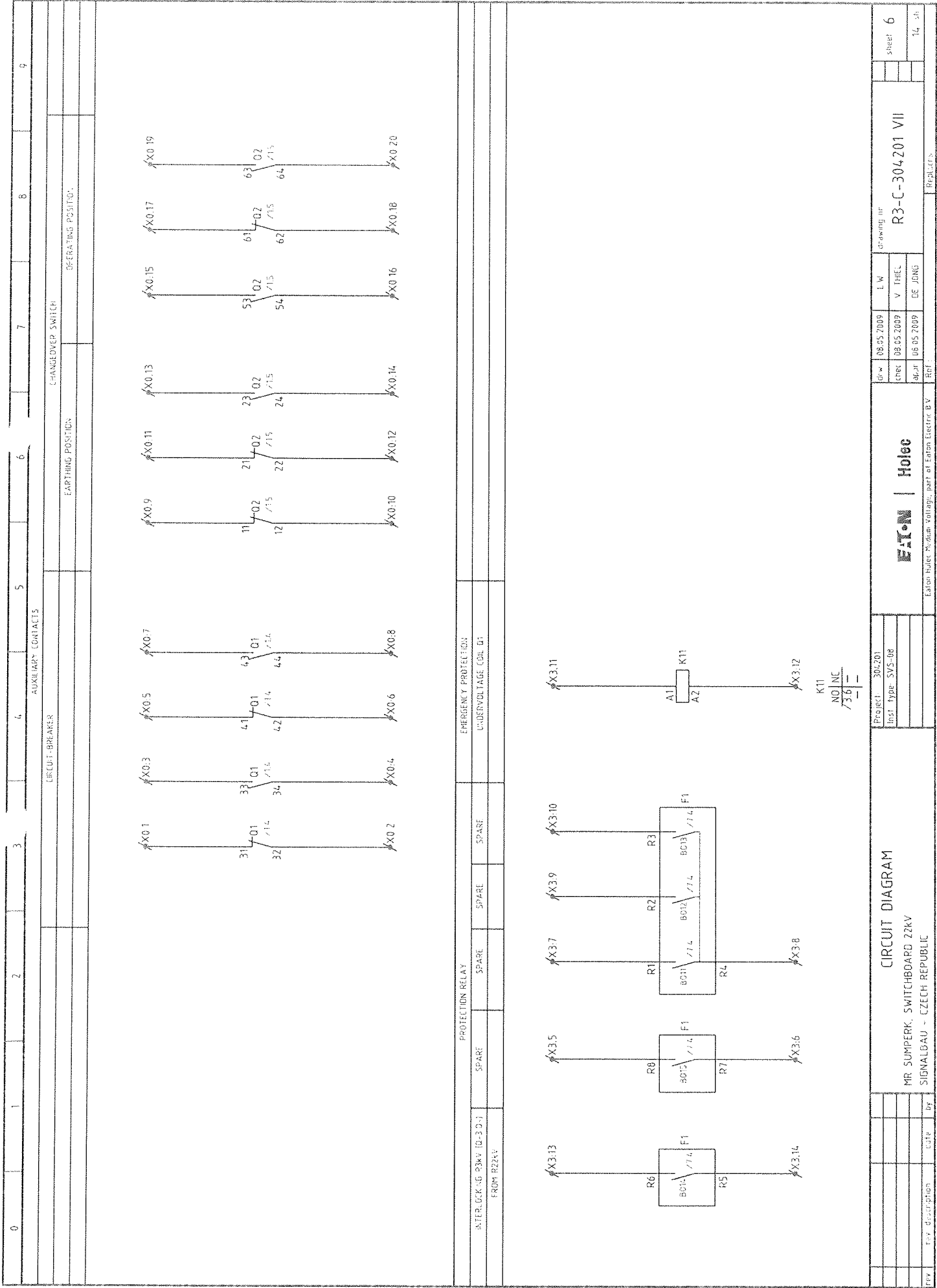
Project		304201	Eaton Holec		R3-C-304201 VII		Sheet	1
Inst. Type		SVS-08	Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1
Rev.			Eaton Holec		R3-C-304201 VII		Sheet	1

NOTE: DRAWING TO BE CHECKED ON EATON HOLES
 WIRING NOT TO BE FILLED BY EATON HOLES
 WIRING YELLOW/GREEN
 PANELE WIRING FOR LT CIRCUIT 2,5mm² GEL Y
 OTHER CIRCUITS 15mm² GEL Y

NOTE: DRAWING
 Q1 - OPEN / WITH SPRING CHARGED
 Q2 - IN THE OPERATING POSITION

[illegible]

[illegible]



The diagram illustrates a transformer circuit with three primary windings (T1, T2, T3) and three secondary windings (S1, S2). The primary windings are connected to terminal blocks X2.1, X2.2, X2.3, X2.4, X2.5, X2.6, X2.7, X6.1, X6.2, and X6.3. The secondary windings are connected to terminal blocks 0.1, 0.2, 0.3, 0.4, 0.5, and 0.6. A fuse F1 is connected to the secondary winding 0.1. A switch S1 is connected to the secondary winding 0.2. The diagram is labeled "CIRCUIT DIAGRAM" and "MR SUMPERK, SWITCHBOARD 22kV".

0		1	2	3	4	5	6	7	8	9			
CODE		DESCRIPTION			MAKE	TYPE	ART NR	CIRCUIT NR	UNIT WIRING DIAGRAM				
A2.1	LED VOLTAGE INDICATOR			EATON HOLEC	VDS JB5005 OPT	E569986	/1.3	R3-C-304201 V.7					
A2.2	VOLTAGE INDICATOR INTERFACE WITH OPTICAL INPUTS			EATON HOLEC	INT JB OPT	E569991	/8.9						
C23	CAPACITOR			EATON HOLEC			/1.3						
C24	CAPACITOR			EATON HOLEC			/1.3						
C25	CAPACITOR			EATON HOLEC			/1.3						
F1	PROTECTION RELAY			SIEMENS	7S16321-5EB92-3HF0-LOR		/1.4						
F2	OVERVOLTAGE RELAY			DEHN / BLITZDUKTOR	BCT MOD BE 110		/2.1						
F6	NO-VOLTAGE RELEASE COIL MEASURINGSET			EATON HOLEC	110V DC		/3.6						
F100	MINIATURE CIRCUIT-BREAKER			MOELLER	FAZ-C2/2-DC, 2A	E6035801	/2.1						
F101	MINIATURE CIRCUIT-BREAKER			MOELLER	FAZ-C2/2-DC, 2A	E6035801	/2.2						
F102	MINIATURE CIRCUIT-BREAKER			MOELLER	FAZ-C2/2-DC, 2A	E6035801	/2.4						
F103	MINIATURE CIRCUIT-BREAKER			MOELLER	FAZ-C4/2-DC, 4A	E6035803	/2.5						
F105	MINIATURE CIRCUIT-BREAKER			MOELLER	FAZ-C2/2-DC, 2A	E6035801	/2.7						
K1	AUXILIARY RELAY			SIEMENS	3RH11 22-1BF4.0, 110V DC	E569651	/3.6						
K2	AUXILIARY RELAY			SIEMENS	3RH11 22-1BF4.0, 110V DC	E569651	/3.1						
K6	AUXILIARY RELAY			SIEMENS	3RH11 22-1BF4.0, 110V DC	E569651	/3.8						
K11	AUXILIARY RELAY			SIEMENS	3RH11 22-1BF4.0, 110V DC	E569651	/6.4						
M1.1	SPRING-CHARGING AND CLOSING MOTOR			GEFEG	NH8060-20/85-RL, 12A, 110V DC	E670367	/1.1						
M1.2	AUXILIARY CONTACTS SPRING CHARGING MOTOR			SCHALTBAU	S 800 E/20	E313196	/1.1						
Q1	CIRCUIT-BREAKER			EATON HOLEC	NVS20AA-2406		/1.4						
AUXILIARY CONTACTS CIRCUIT-BREAKER				SANTON	SBC-1106/54FG	E616364							
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			EATON HOLEC	S 800 E/20	E313196	/1.5						
AUXILIARY CONTACTS CHANGEOVER SWITCH				SCHALTBAU									
11-12, 21-22 OPENED ONLY IN THE EARTHING POSITION													
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)			MOELLER	M22S-D-X 8M22-XD-W-X0		/9.3						
S1	PUSH-BUTTON "ON" (GREEN) - PAGLOCKABLE			MOELLER	M22S-D-G-X1/M22-AK11		/3.6						
S2	AUXILIARY CONTACT CONTROLLED BY THE EARTHING LOCK.			SCHALTBAU	S 800 E/20	E313196	/3.5						
11-12 OPENED ONLY WHEN THE CIRCUIT-BREAKER IS USED FOR EARTHING AND IS LOCKED BY KEY													
PROJECT: 304201													
INITIAL TYPE: SVS-08													
DATE: 19.06.2009													
BY: JONG													
CHECKED: 19.06.2009													
APPROVED: 19.06.2009													
Eaton Holec, H. Baum, V. Jongs, part of Eaton Electric B.V.													
Eaton Holec Holec													
R3-C-304201 VII													
Drawing nr:													
Sheet 10													
A													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													
14, 14													

0		1		2		3		4		5		6		7		8		9	
DESCRIPTION																			
CODE		MAKE																	
		TYPE																	
		ART NR																	
		CIRCUIT NR																	
		UNIT WIRING DIAGRAM																	
S4	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																		
SA1	SELECTOR SWITCH																		
T1	CURRENT TRANSFORMER																		
T2	CURRENT TRANSFORMER																		
T3	CURRENT TRANSFORMER																		
W1	EARTH CONNECTION																		
X0	TERMINAL STRIP																		
X1	TERMINAL STRIP																		
X2	TERMINAL STRIP																		
X3	TERMINAL STRIP																		
X6	EARTH STRIP																		
X7	EARTH STRIP																		
FX1	TERMINAL STRIP																		
Y1	TRIP COIL																		
Y5	LOCKING COIL ON OPERATING SHAFT OF THE CIRCUIT-BREAKER MECHANICAL CLOSING OF THE CIRCUIT-BREAKER IS ONLY POSSIBLE WITH ENERGISED COIL																		
Y6	NO-VOLTAGE RELEASE COIL																		
		S 800 E/20																	
		CHR10-4																	
		KRAUS & NAIMER																	
		EATON HOLEC																	
		EATON HOLEC																	
		EATON HOLEC																	
		UK5-TWIN																	
		UK5-TWIN																	
		UGSK 6																	
		UK5-TWIN																	
		UK5-TWIN																	
		UK5-TWIN																	
		HBMX6060.01A10, 1.2A, 110V DC																	
		DBMX6040.01N010, 0.14A, 110V DC																	
		2.5/0.077A, 110V DC																	
		INTROCOM																	
		E651619																	
		E313196																	
		/13.3																	
		/5.7																	
		/13																	
		/13																	
		/13																	
		/12.1																	
		/12.4																	
		/13.1																	
		/13.2																	
		/14.1																	
		/13																	
		/10																	
		/12																	
		R3-C-304201 I/8																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	
		R3-C-304201 VII																	

0		1		2		3		4		5		6		7		8		9	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		01 31		01 32		01 33		01 34		01 35		01 36		01 37		01 38	
						01 39		01 40		01 41		01 42		01 43		01 44		01 45	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		02 31		02 32		02 33		02 34		02 35		02 36		02 37		02 38	
				02 39		02 40		02 41		02 42		02 43		02 44		02 45		02 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		03 31		03 32		03 33		03 34		03 35		03 36		03 37		03 38	
				03 39		03 40		03 41		03 42		03 43		03 44		03 45		03 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		04 31		04 32		04 33		04 34		04 35		04 36		04 37		04 38	
				04 39		04 40		04 41		04 42		04 43		04 44		04 45		04 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		05 31		05 32		05 33		05 34		05 35		05 36		05 37		05 38	
				05 39		05 40		05 41		05 42		05 43		05 44		05 45		05 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		06 31		06 32		06 33		06 34		06 35		06 36		06 37		06 38	
				06 39		06 40		06 41		06 42		06 43		06 44		06 45		06 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		07 31		07 32		07 33		07 34		07 35		07 36		07 37		07 38	
				07 39		07 40		07 41		07 42		07 43		07 44		07 45		07 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		08 31		08 32		08 33		08 34		08 35		08 36		08 37		08 38	
				08 39		08 40		08 41		08 42		08 43		08 44		08 45		08 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		09 31		09 32		09 33		09 34		09 35		09 36		09 37		09 38	
				09 39		09 40		09 41		09 42		09 43		09 44		09 45		09 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		10 31		10 32		10 33		10 34		10 35		10 36		10 37		10 38	
				10 39		10 40		10 41		10 42		10 43		10 44		10 45		10 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		11 31		11 32		11 33		11 34		11 35		11 36		11 37		11 38	
				11 39		11 40		11 41		11 42		11 43		11 44		11 45		11 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		12 31		12 32		12 33		12 34		12 35		12 36		12 37		12 38	
				12 39		12 40		12 41		12 42		12 43		12 44		12 45		12 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		13 31		13 32		13 33		13 34		13 35		13 36		13 37		13 38	
				13 39		13 40		13 41		13 42		13 43		13 44		13 45		13 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		14 31		14 32		14 33		14 34		14 35		14 36		14 37		14 38	
				14 39		14 40		14 41		14 42		14 43		14 44		14 45		14 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		15 31		15 32		15 33		15 34		15 35		15 36		15 37		15 38	
				15 39		15 40		15 41		15 42		15 43		15 44		15 45		15 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		16 31		16 32		16 33		16 34		16 35		16 36		16 37		16 38	
				16 39		16 40		16 41		16 42		16 43		16 44		16 45		16 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		17 31		17 32		17 33		17 34		17 35		17 36		17 37		17 38	
				17 39		17 40		17 41		17 42		17 43		17 44		17 45		17 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		18 31		18 32		18 33		18 34		18 35		18 36		18 37		18 38	
				18 39		18 40		18 41		18 42		18 43		18 44		18 45		18 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		19 31		19 32		19 33		19 34		19 35		19 36		19 37		19 38	
				19 39		19 40		19 41		19 42		19 43		19 44		19 45		19 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		20 31		20 32		20 33		20 34		20 35		20 36		20 37		20 38	
				20 39		20 40		20 41		20 42		20 43		20 44		20 45		20 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		21 31		21 32		21 33		21 34		21 35		21 36		21 37		21 38	
				21 39		21 40		21 41		21 42		21 43		21 44		21 45		21 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		22 31		22 32		22 33		22 34		22 35		22 36		22 37		22 38	
				22 39		22 40		22 41		22 42		22 43		22 44		22 45		22 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		23 31		23 32		23 33		23 34		23 35		23 36		23 37		23 38	
				23 39		23 40		23 41		23 42		23 43		23 44		23 45		23 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		24 31		24 32		24 33		24 34		24 35		24 36		24 37		24 38	
				24 39		24 40		24 41		24 42		24 43		24 44		24 45		24 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		25 31		25 32		25 33		25 34		25 35		25 36		25 37		25 38	
				25 39		25 40		25 41		25 42		25 43		25 44		25 45		25 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		26 31		26 32		26 33		26 34		26 35		26 36		26 37		26 38	
				26 39		26 40		26 41		26 42		26 43		26 44		26 45		26 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		27 31		27 32		27 33		27 34		27 35		27 36		27 37		27 38	
				27 39		27 40		27 41		27 42		27 43		27 44		27 45		27 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		28 31		28 32		28 33		28 34		28 35		28 36		28 37		28 38	
				28 39		28 40		28 41		28 42		28 43		28 44		28 45		28 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		29 31		29 32		29 33		29 34		29 35		29 36		29 37		29 38	
				29 39		29 40		29 41		29 42		29 43		29 44		29 45		29 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		30 31		30 32		30 33		30 34		30 35		30 36		30 37		30 38	
				30 39		30 40		30 41		30 42		30 43		30 44		30 45		30 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		31 31		31 32		31 33		31 34		31 35		31 36		31 37		31 38	
				31 39		31 40		31 41		31 42		31 43		31 44		31 45		31 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		32 31		32 32		32 33		32 34		32 35		32 36		32 37		32 38	
				32 39		32 40		32 41		32 42		32 43		32 44		32 45		32 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		33 31		33 32		33 33		33 34		33 35		33 36		33 37		33 38	
				33 39		33 40		33 41		33 42		33 43		33 44		33 45		33 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		34 31		34 32		34 33		34 34		34 35		34 36		34 37		34 38	
				34 39		34 40		34 41		34 42		34 43		34 44		34 45		34 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		35 31		35 32		35 33		35 34		35 35		35 36		35 37		35 38	
				35 39		35 40		35 41		35 42		35 43		35 44		35 45		35 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		36 31		36 32		36 33		36 34		36 35		36 36		36 37		36 38	
				36 39		36 40		36 41		36 42		36 43		36 44		36 45		36 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		37 31		37 32		37 33		37 34		37 35		37 36		37 37		37 38	
				37 39		37 40		37 41		37 42		37 43		37 44		37 45		37 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		38 31		38 32		38 33		38 34		38 35		38 36		38 37		38 38	
				38 39		38 40		38 41		38 42		38 43		38 44		38 45		38 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		39 31		39 32		39 33		39 34		39 35		39 36		39 37		39 38	
				39 39		39 40		39 41		39 42		39 43		39 44		39 45		39 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		40 31		40 32		40 33		40 34		40 35		40 36		40 37		40 38	
				40 39		40 40		40 41		40 42		40 43		40 44		40 45		40 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		41 31		41 32		41 33		41 34		41 35		41 36		41 37		41 38	
				41 39		41 40		41 41		41 42		41 43		41 44		41 45		41 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		42 31		42 32		42 33		42 34		42 35		42 36		42 37		42 38	
				42 39		42 40		42 41		42 42		42 43		42 44		42 45		42 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		43 31		43 32		43 33		43 34		43 35		43 36		43 37		43 38	
				43 39		43 40		43 41		43 42		43 43		43 44		43 45		43 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		44 31		44 32		44 33		44 34		44 35		44 36		44 37		44 38	
				44 39		44 40		44 41		44 42		44 43		44 44		44 45		44 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		45 31		45 32		45 33		45 34		45 35		45 36		45 37		45 38	
				45 39		45 40		45 41		45 42		45 43		45 44		45 45		45 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		46 31		46 32		46 33		46 34		46 35		46 36		46 37		46 38	
				46 39		46 40		46 41		46 42		46 43		46 44		46 45		46 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		47 31		47 32		47 33		47 34		47 35		47 36		47 37		47 38	
				47 39		47 40		47 41		47 42		47 43		47 44		47 45		47 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		48 31		48 32		48 33		48 34		48 35		48 36		48 37		48 38	
				48 39		48 40		48 41		48 42		48 43		48 44		48 45		48 46	
REMOTE END DESIGNATION		CABLE NO. AND NO. OF CORES		49 31		49 32		49 33		49 34									

[illegible]

[illegible][illegible]

[illegible]