Power supply SOMATOM go.Up

Mains TN-S	3/N/PE AC 50/60 Hz ± 2Hz	Line impedance	≤ 340 mΩ	Power consumption	
Voltage	400 V ± 10 %	On site circuit breaker	63 A	System	
Only copper cables are allowed		Connection value	76.12 kVA	Stand-by	≤ 2 kVA
				System off	0 kVA
				for time up to 6 s	50 kVA

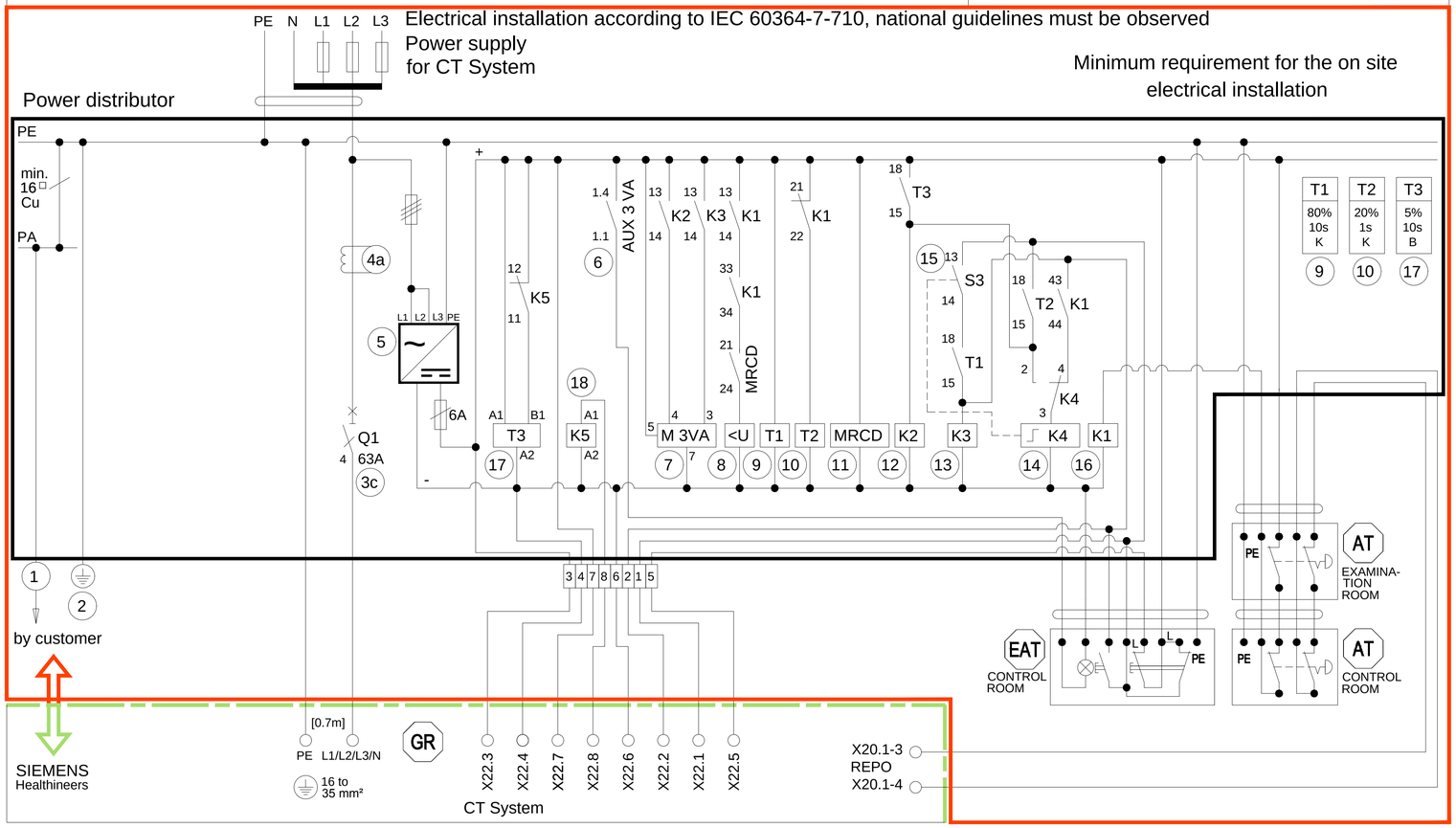
Cable cross section is to be determined by national regulations.
Size of connector terminals in Gantry is 16 bis 35 mm².

Electrical installation according to IEC 60364-7-710, national guidelines must be observed

Power supply
for CT System

Minimum requirement for the on site electrical installation

Power distributor



Legend electrical installation

1	To external conductive parts
2	Test jack 4 mm pin plug
3c	Circuit breaker 63A Siemens 3VA1163-4ED46-0AA0
4a	Summation current transformer for MRCD-B per Circuit breaker Siemens 5SV8701-2KP
5	24V DC power supply SITOP 6EP1436-2BA10
6	Auxiliary switch changeover contacts per Circuit breaker Siemens 3VA9988-0AA12
7	Side mounted motor per Circuit breaker 3VA 24V DC 3VA9117-0HB10
8	Undervoltage release for MCCB per Circuit breaker Siemens 3VA9908-0BB11
9	Timing relay 3RP2505-2AB30
10	Timing relay Siemens 3RP2505-2AB30
11	MRCD Typ B 24V per Circuit breaker DC Siemens 5SV8111-4KK Room Group 1 300mA, Room Group 2 30mA
12	Contactor relay 24V DC 3RH2131-2BB40
13	Contactor relay 24V DC 3RH2131-2BB40
14	Remote control switch Siemens 5TT4417-5
15	Auxiliary current switch for 5TT4417-5 Siemens 5TT4930
16	Contactor relay 24V DC 3RH2131-2BB40
17	Timing relay Siemens 3RP2505-2AB30
18	Output coupler Relay coupler Siemens 3RQ3018-2AM08-0AA0 (K5)
AT	Emergency off button with locking mechanism
EAT	On-off button with pilot lamp
GR	Gantry
	Do not connect external components to the CT power supply line.
	Energy cables which do not belong to the system must be separated prior to fitting the unit cables (distance >100 cm), or they must also be metallically shielded. For USA: PE is equivalent to Protective-GND and PA is equivalent to Transient-GND

asse
Administración de los Servicios de Salud del Estado
DIRECCIÓN ARQUITECTURA

ESTABLECIMIENTO:
Hospital de MALDONADO

OBRA:
INSTALACION DE TOMOGRAFO

LAMINA DE:
ELECTRICA
ESQUEMA UNIFILAR TT

DEPTO: MALDONADO
LAMINA N°: EL4

FECHA: JUNIO 2020

ESCALA: INDICADAS

ARQUITECTO:
LAURA CUNEO

INGENIERO:

TECNICO: JUAN LADANJI

MANTENIMIENTO:

Ayte. de Arq.:

ARCHIVO: HM Tomografo_Electrica.dwg

RUTA:
\\.\I:94-15.3\Arquitectura\0-Este\Laura Cuneo\04 MALDONADO\05 TOMOGRAFO Maldonado\07 LICITACION ETAPA 2\CO

REVISION	FECHA	RESPONSABLE	COMENTARIOS
1			
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