

























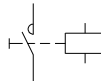







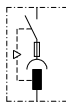





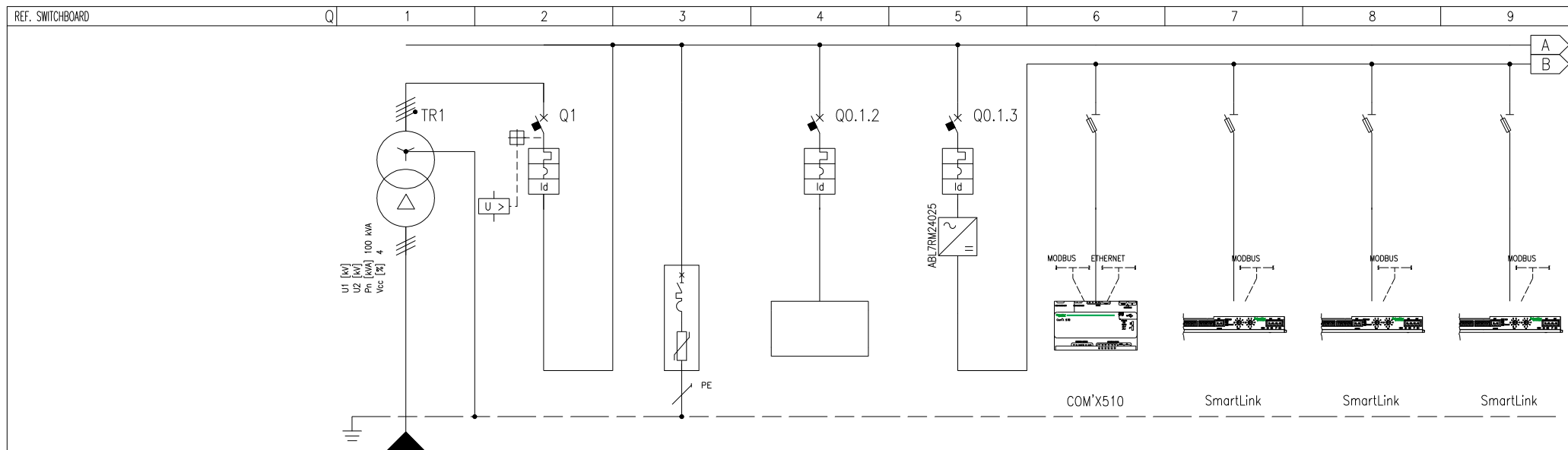


REF. SWITCHBOARD	Q	1	2	3	4	5	6	7	8	9																																						
<div> <div> <div>PIN s.c.r.l. – Polo Universitario città di Prato</div> <div>1MW Photovoltaic System – Yeghegnadzor, Armenia</div> <div>Ing. Paolo taddei Pardelli</div> </div> <div> <div>Enhancing SME competitiveness through promotion</div> <div>and wider use of sustainable innovative technologies</div> </div> <div> <div>SWITCHBOARD</div> <div>LV Users</div> </div> </div>																																																
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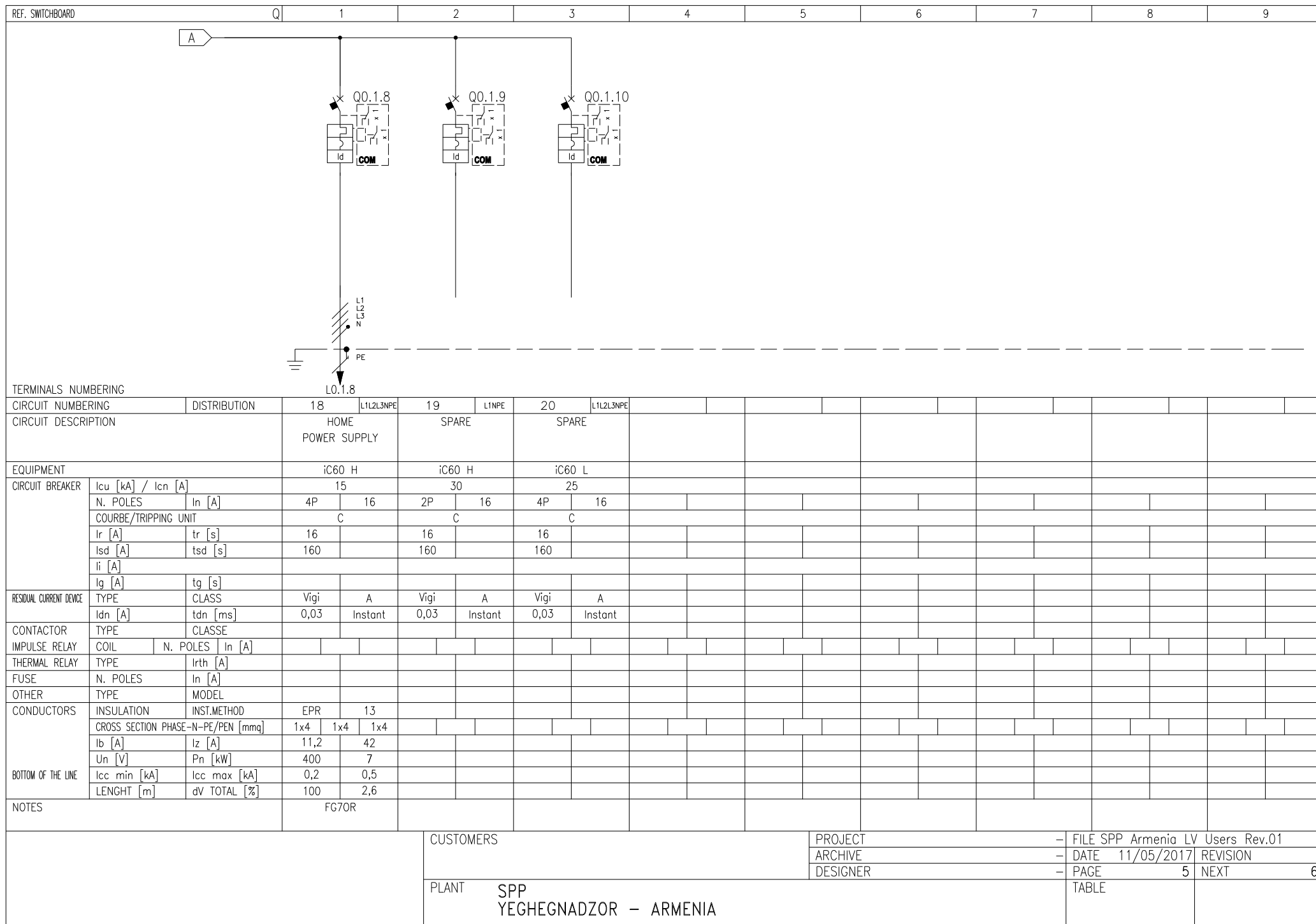
REF. SWITCHBOARD	Q	1	2	3	4	5	6	7	8	9
<div>SYMBOLS</div>										
										
CIRCUIT BREAKER	DISCONNECTOR	SWITCH-DISCONNECTOR	THERMAL PROTECTION	MAGNETIC PROTECTION	RESIDUAL CURRENT PROTECTION	OVERLOAD CUT OUT	FUSE	TOROID	MANUAL CONTROL	
										
AUTOMATIC CONTROL	TRIP FREE	ROTARY HANDLE	INTERLOCK	REMOVABLE/WITHDRAWAL EQUIPMENT	KEYLOCK OFF POSITION	KEYLOCK ON POSITION	AUXILIARY CONTACT	UNDERVOLTAGE RELEASE	SHUNT RELEASE	
										
CHANGE OVER SWITCH (FOR MEASUREMENT)	AMMETER	VOLTMETER	FREQUENCY METER	METER	NO CONTACTS CONTACTOR	MANUAL CONTROL CONTACTOR	NC CONTACTS CONTACTOR	IMPULSE RELAY	CLOCK	
										
TWILIGHT SWITCH	ASTRONOMIC CLOCK	UNINTERRUPTED POWER SYSTEM (UPS)	SOCKET	INTERLOCKED SOCKET WITH FUSES	SOFT STARTER	VARIABLE SPEED DRIVE	STAR DELTA STARTER	TRANSFORMER	SURGE PROTECTIVE DEVICE	
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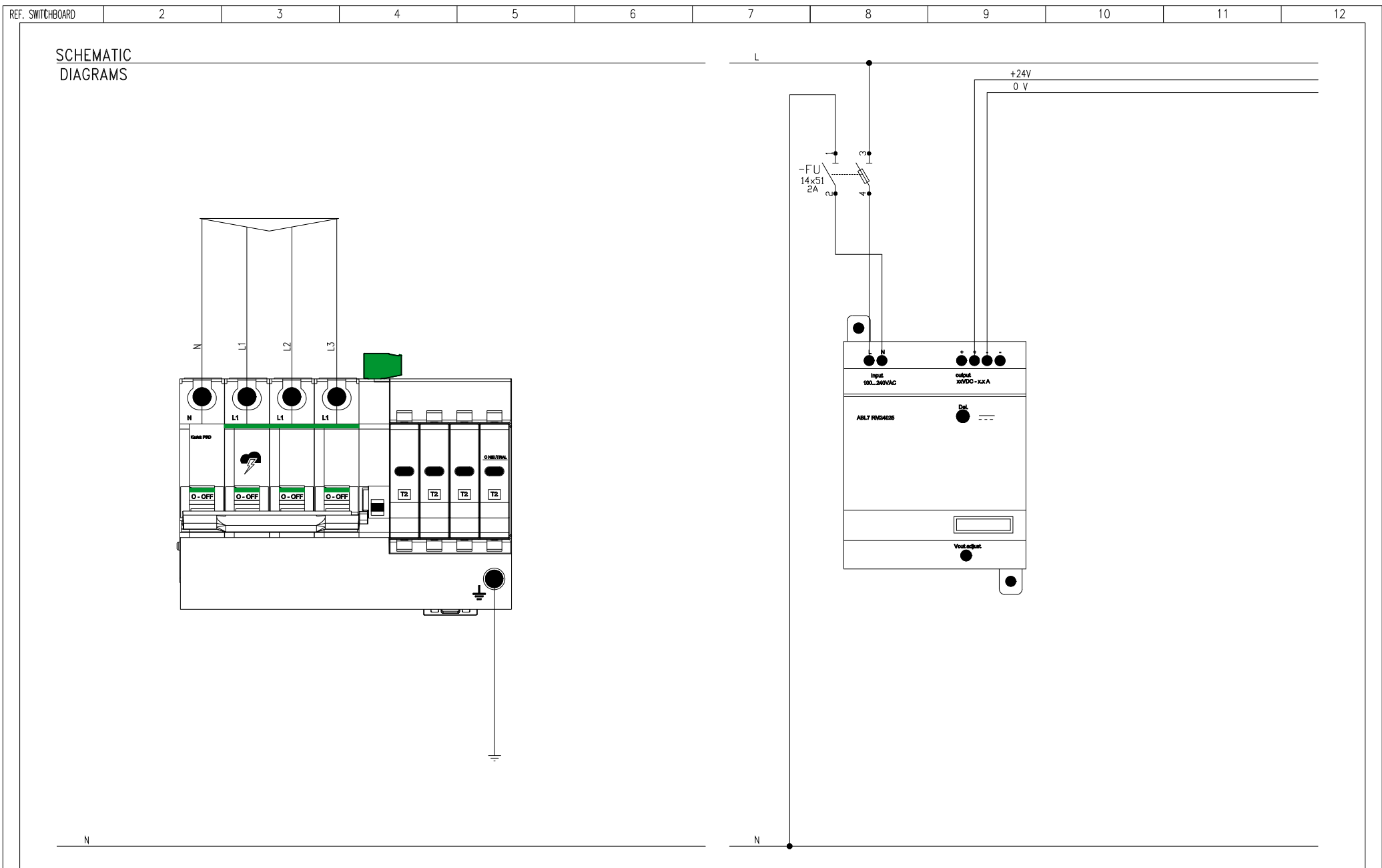


TERMINALS NUMBERING

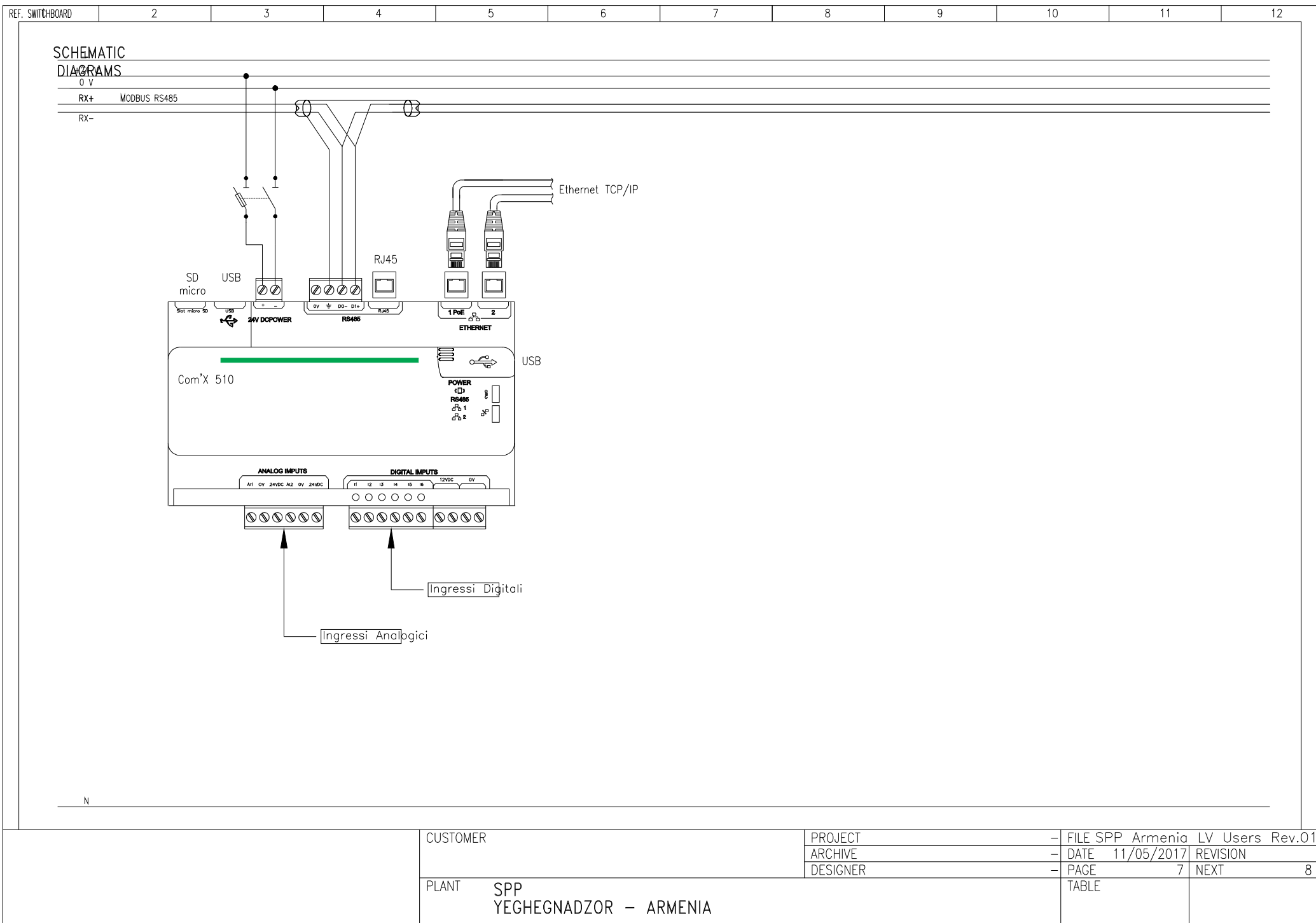
CIRCUIT NUMBERING	DISTRIBUTION		L1L2L3NPE	1	RSTN	2	L1L2L3NPE	3	L1NPE	4	L1NPE	5	L1NPE	6	L1NPE	7	L1NPE	8	L1NPE
CIRCUIT DESCRIPTION		TRANSFORMER MT/BT USERS		TRANSFORMER MT/BT USERS		SPD		SERVICE POWER SUPPLY 230 Vac		AUX 24 Vdc MONITORING 24 Vdc		WEBSERVER CON GRAPHIC PAGES COM'X 510		SMARTLINK 1		SMARTLINK 2		SMARTLINK 3	
EQUIPMENT				NSX160 E				iC60 H		iC60 H		STI		STI		STI		STI	
CIRCUIT BREAKER	Icu [kA] / Icn [A]			16				30		30									
	N. POLES	In [A]		4P	63			2P	16	2P	6								
	COURBE/TRIPPING UNIT			TM-D				C		C									
	Ir [A]	tr [s]		56,7	0,9x			16		6									
	I _{sd} [A]	tsd [s]		500				160		60									
RESIDUAL CURRENT DEVICE	Ii [A]																		
	I _g [A]	tg [s]																	
	TYPE	CLASS		Vigi ME	A			Vigi	A SI	Vigi	A								
	I _{dn} [A]	tdn [ms]		0,3	Instant			0,03	Instant	0,03	Instant								
CONTACTOR	TYPE	CLASSE																	
IMPULSE RELAY	COIL	N. POLES	In [A]																
THERMAL RELAY	TYPE	I _{rth} [A]																	
FUSE	N. POLES	In [A]																	
OTHER	TYPE	MODEL																	
CONDUCTORS	INSULATION	INST.METHOD	EPR	21															
	CROSS SECTION PHASE-N-PE/PEN [mmq]		1x35	1x35	1x16														
BOTTOM OF THE LINE	I _b [A]	I _z [A]	55,3	169															
	Un [V]	Pn [kW]	400		19,61														
	I _{cc} min [kA]	I _{cc} max [kA]	3	3,5															
	LENGHT [m]	dV TOTAL [%]	3	0															
NOTES			F67R																

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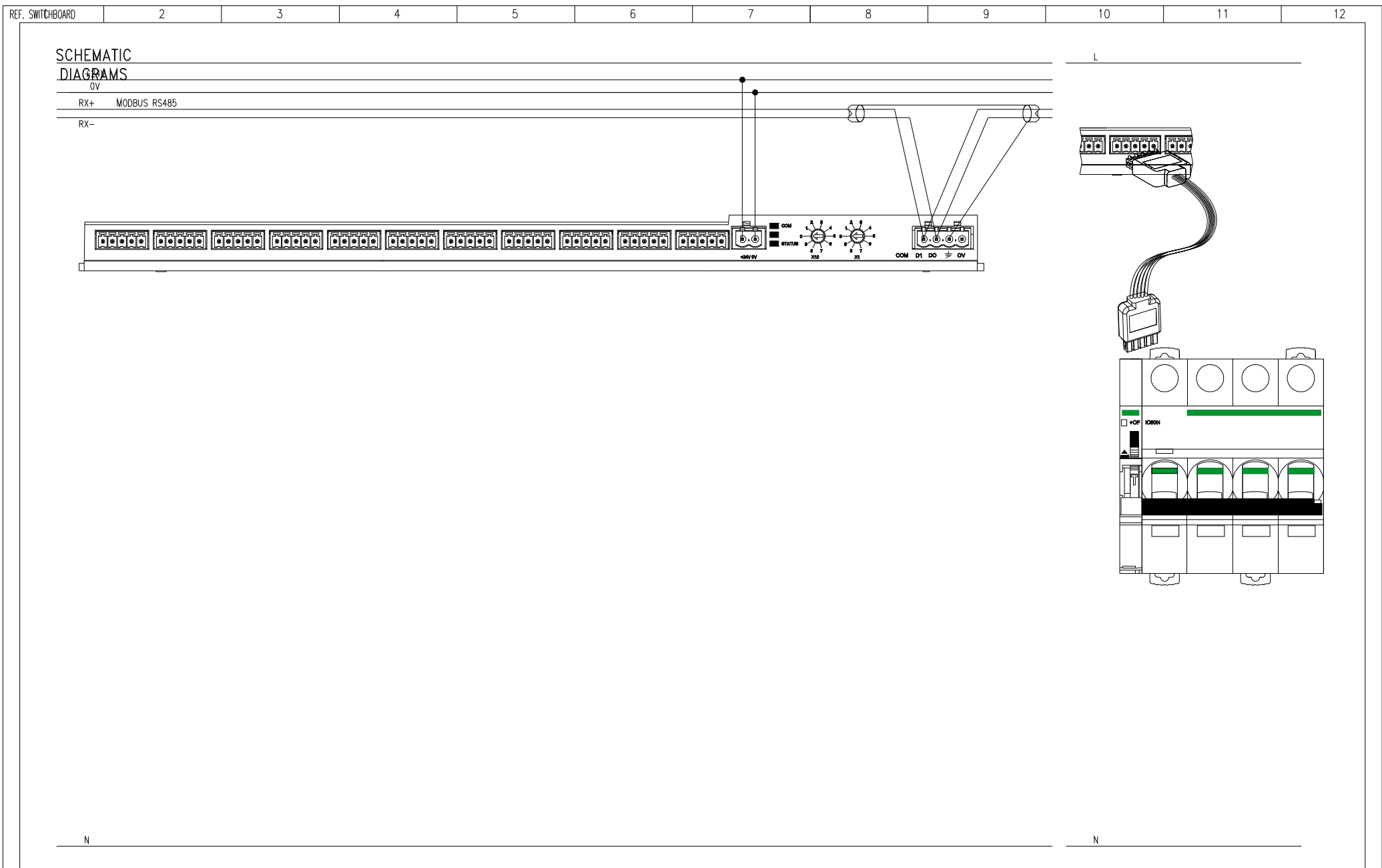
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