
















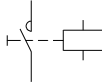






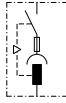




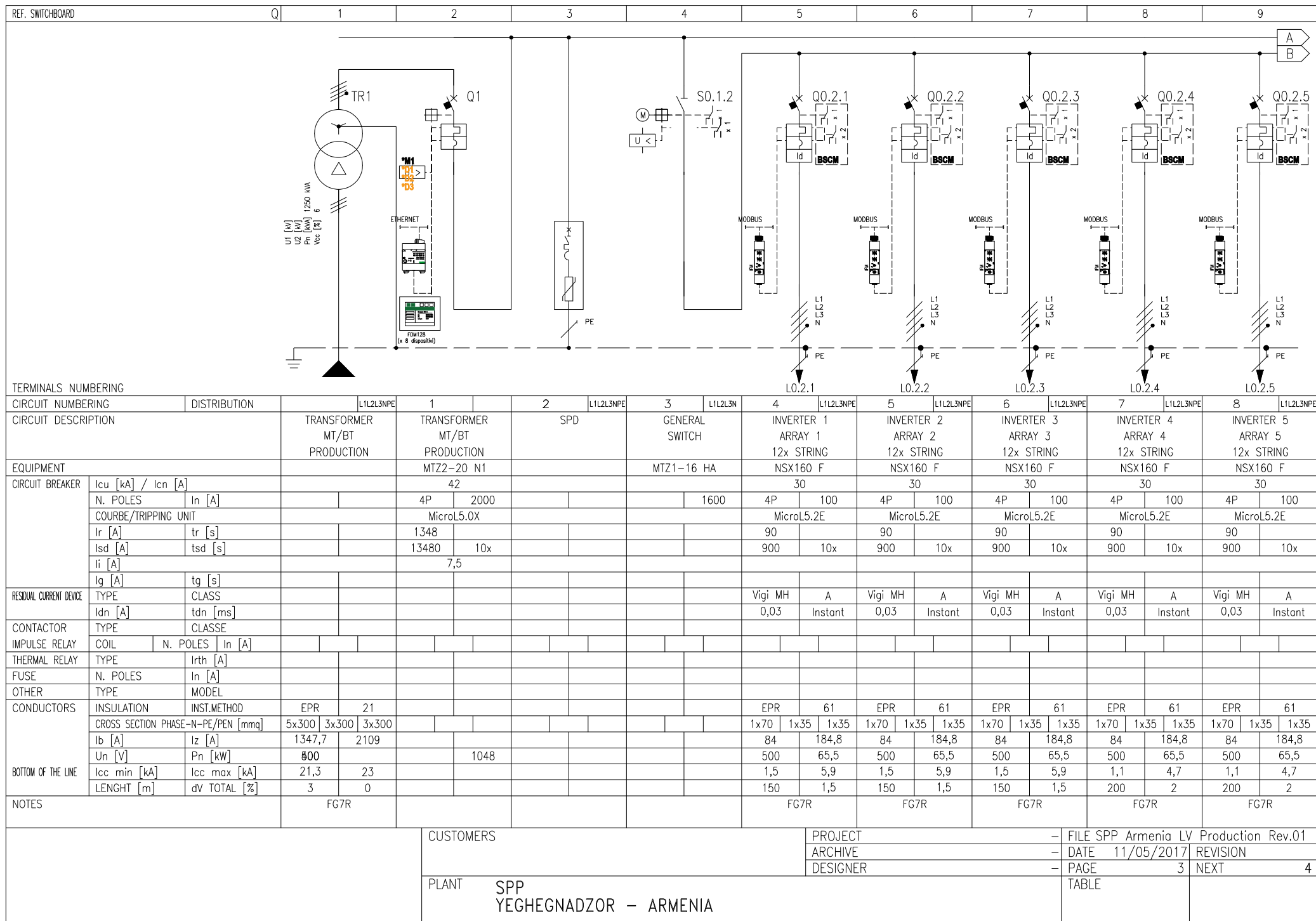
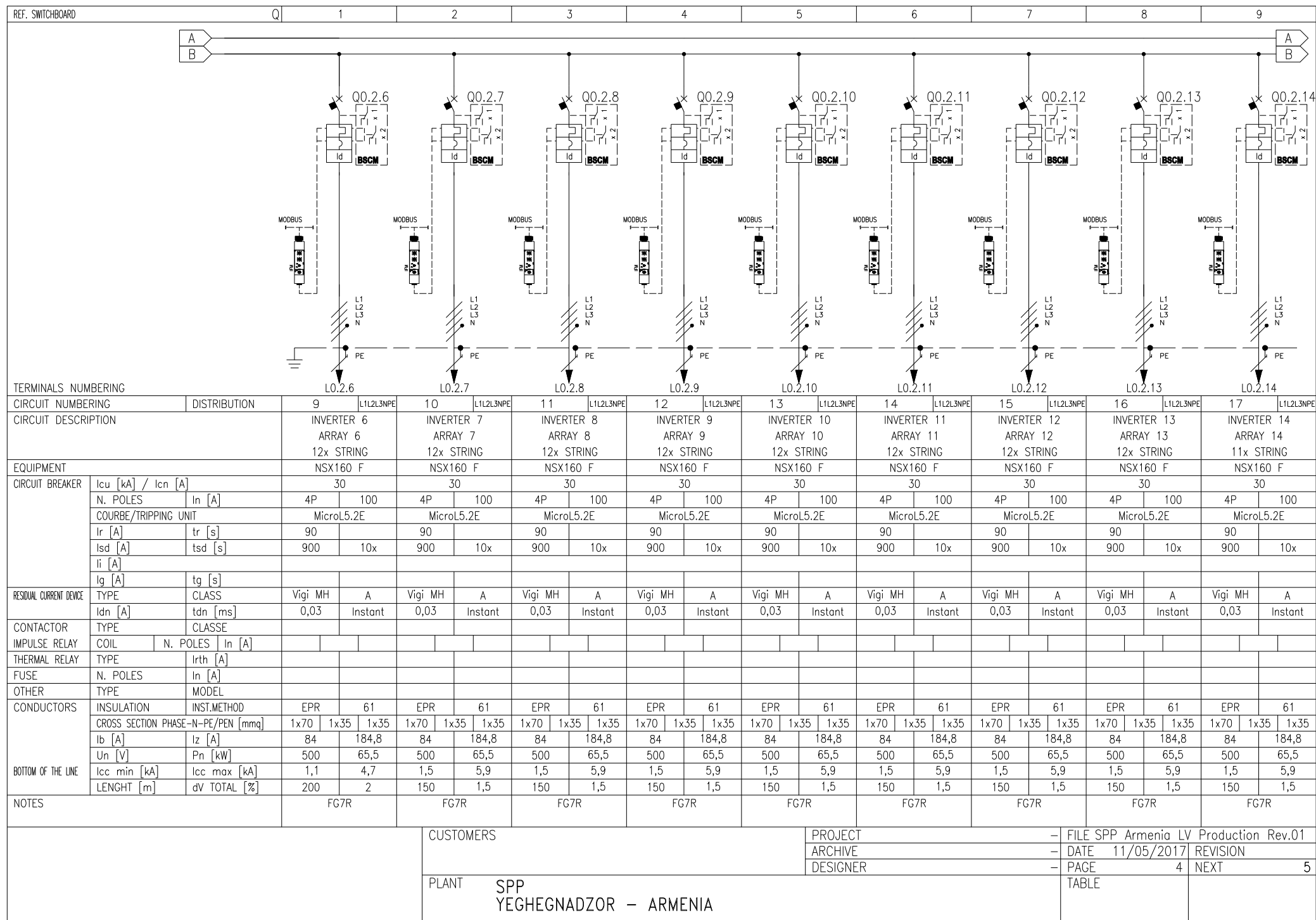
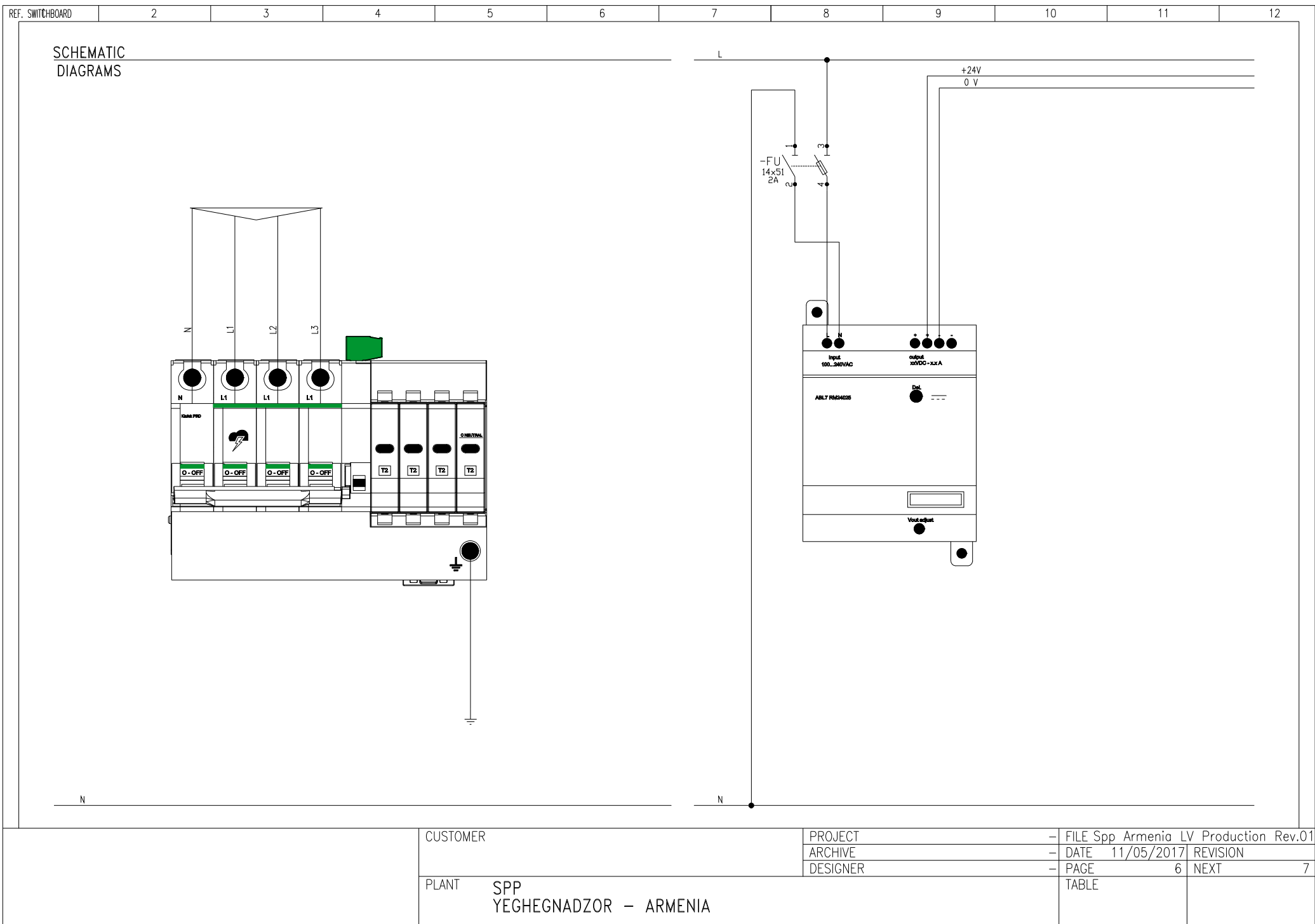


REF. SWITCHBOARD	Q	1	2	3	4	5	6	7	8	9																																														
<div><div><div>PIN s.c.r.l. – Polo Universitario città di Prato</div><div>1MW Photovoltaic System – Yeghegnadzor, Armenia</div><div>Ing. Paolo Taddei Pardelli</div></div><div><div>Enhancing SME competitiveness through promotion</div><div>and wider use of sustainable innovative technologies</div></div><div><div>SWITCHBOARD</div><div>LV Production</div></div></div>																																																								
<div><div>SWITCHBOARD CHARACTERISICS</div><div><div>UPSTREAM PLANT</div><table><tr><td>VOLTAGE [V]</td><td>480</td><td>FREQ. [Hz]</td><td>50</td></tr><tr><td colspan="4">SWITCHBOARD RATED CURRENT [A]</td></tr><tr><td colspan="3">SWITCHBOARD PERSPECTIVE CURRENT [kA]</td><td>23</td></tr><tr><td colspan="3">NEUTRAL SYSTEM</td><td>TNS</td></tr><tr><td colspan="4">BUSBAR SIZE</td></tr><tr><td colspan="2">In [A]</td><td colspan="2">Icc [kA]</td></tr><tr><td colspan="3">STRUCTURE</td><td>METALLICA</td></tr><tr><td colspan="3">INSULATION CLASS</td><td>IP</td></tr></table></div><div><div>REFERENCE STANDARD</div><table><tr><td>MOULDED CASE CIRCUIT BREAKERS</td><td><input checked="" type="checkbox"/> — CEI EN 60947-2</td></tr><tr><td>MINIATURE CIRCUIT BREAKERS</td><td><input checked="" type="checkbox"/> — CEI EN 60947-2</td></tr><tr><td></td><td><input type="checkbox"/> — CEI EN 60898</td></tr><tr><td>STRUCTURE</td><td><input checked="" type="checkbox"/> — CEI EN 60439-1</td></tr><tr><td></td><td><input type="checkbox"/> — CEI 23-48</td></tr><tr><td></td><td>— CEI 23-49</td></tr><tr><td></td><td>— CEI 23-51</td></tr></table></div></div>											VOLTAGE [V]	480	FREQ. [Hz]	50	SWITCHBOARD RATED CURRENT [A]				SWITCHBOARD PERSPECTIVE CURRENT [kA]			23	NEUTRAL SYSTEM			TNS	BUSBAR SIZE				In [A]		Icc [kA]		STRUCTURE			METALLICA	INSULATION CLASS			IP	MOULDED CASE CIRCUIT BREAKERS	<input checked="" type="checkbox"/> — CEI EN 60947-2	MINIATURE CIRCUIT BREAKERS	<input checked="" type="checkbox"/> — CEI EN 60947-2		<input type="checkbox"/> — CEI EN 60898	STRUCTURE	<input checked="" type="checkbox"/> — CEI EN 60439-1		<input type="checkbox"/> — CEI 23-48		— CEI 23-49		— CEI 23-51
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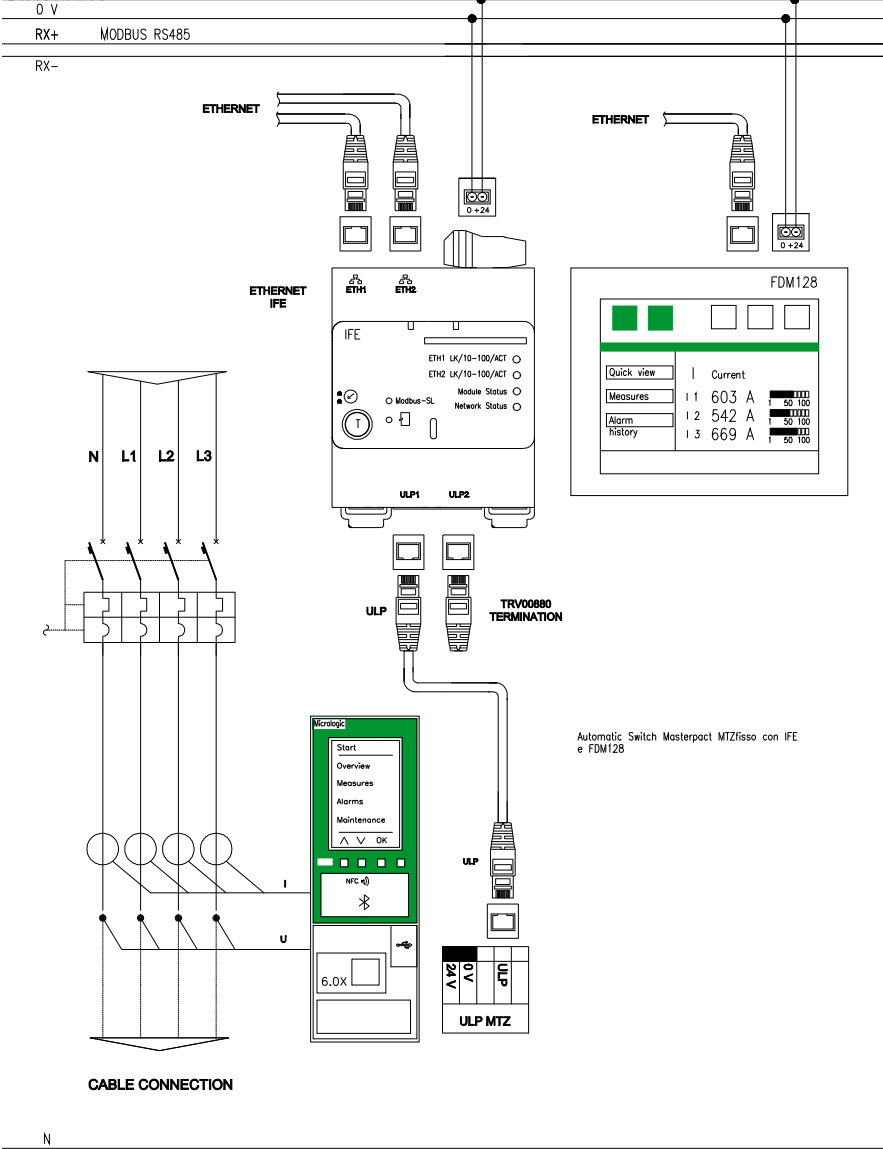
REF. SWITCHBOARD	Q	1	2	3	4	5	6	7	8	9	
<div>SYMBOLS</div>											
											
CIRCUIT BREAKER	DISCONNECTOR	SWITCH-DISCONNECTOR	THERMAL PROTECTION	MAGNETIC PROTECTION	RESIDUAL CURRENT PROTECTION	OVERLOAD CUT OUT	FUSE	TOROID	MANUAL CONTROL		
											
AUTOMATIC CONTROL	TRIP FREE	ROTARY HANDLE	INTERLOCK	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		
SPP			CUSTOMER			PROJECT	-	FILE SPP Armenia LV Production Rev.01			
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						SPP YEGHEGNADZOR – ARMENIA			TABLE		



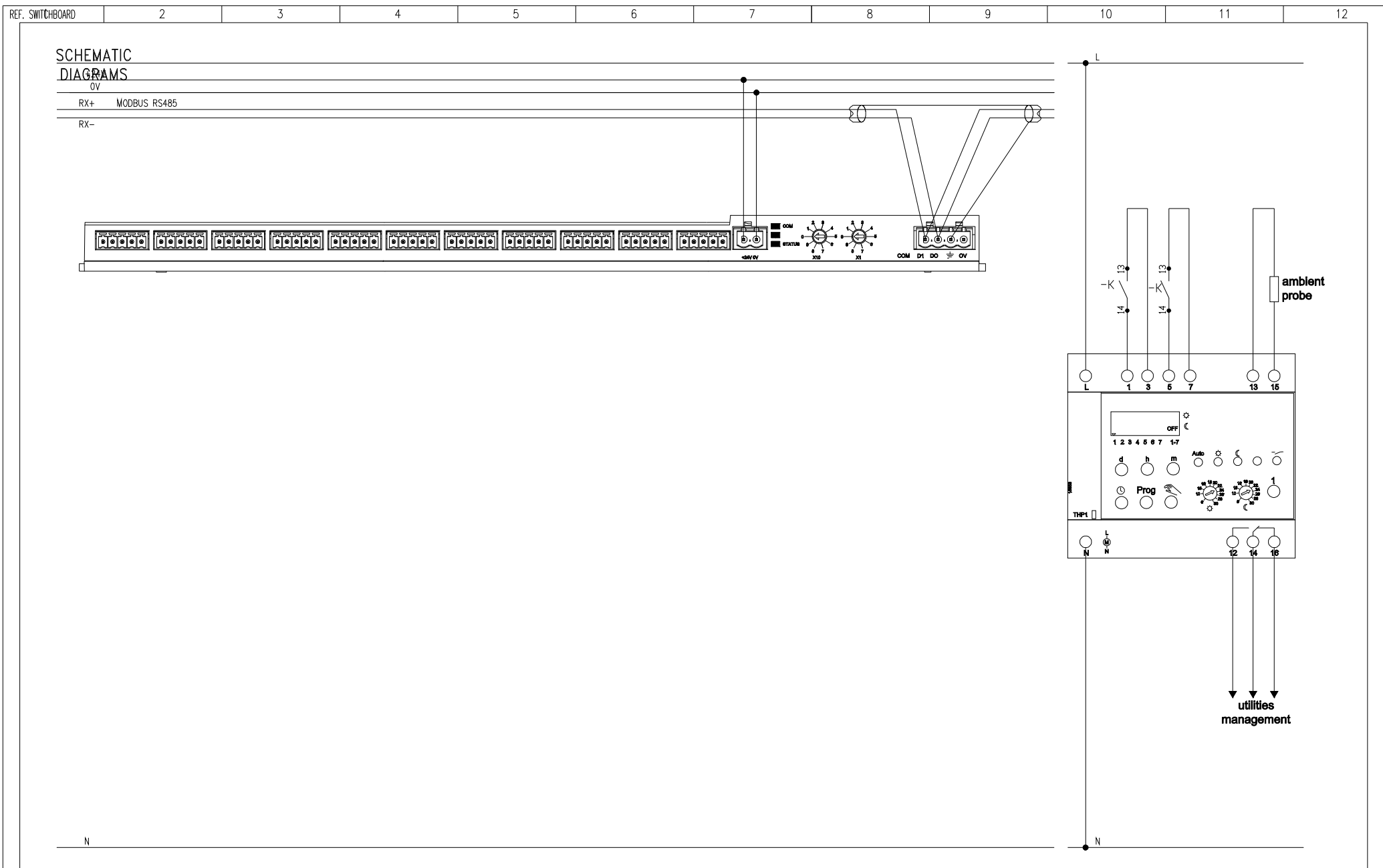




SCHEMATIC
DIAGRAMS



CUSTOMER		PROJECT	-	FILE SPP Armenia LV Production Rev.01	
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		DESIGNER	-	PAGE 7	NEXT 8
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