

INSTALLATION MANUAL ACET 5 WIRE DOORPHONE AND INTERCOME SYSTEM

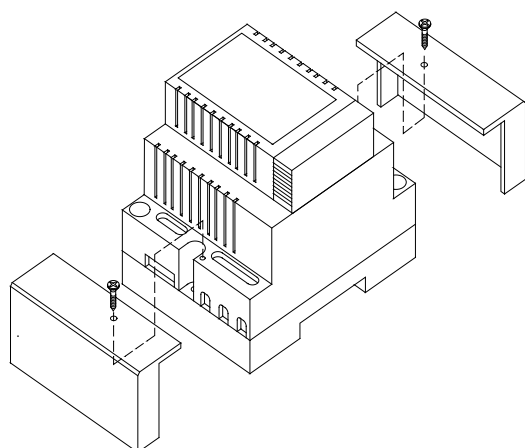


SAFETY INSTRUCTIONS FOR THE INSTALLER

- 1) Carefully read the instructions in this manual: they give important information of the safety, use and maintenance of the installation.
- 2) After removing the packing, check the integrity of the set. Packing components (plastic bags, expanded polystyrene etc.) are dangerous for children. **Installation must be carried out according to national safety regulation.**
- 3) A safety switch, installed before the power supply, is recommended.
- 4) Before connecting the set, ensure that the data on the label corresponds to the local supply voltage.
- 5) Use this set only for the purposes designed, i.e. for video doorphone system. Any other use may be dangerous. The manufacturer is not responsible for damage caused by improper, erroneous or irrational use.
- 6) Before cleaning or maintenance, disconnect the set.
- 7) In case of failure or faulty operation, disconnect the set and do not open it. For repairs consult only the technical assistance centre authorized by the manufacturer. Safety may be compromised if these instructions are disregarded.
- 8) Don't obstruct openings of ventilation/heat exit slots.
- 9) Installer must ensure that manuals with the above instructions are left on connected units after installation, for user's informations.
- 10) Don't use water to clean any of the system components.
- 11) For installation and maintenance use only proper material.
- 12) ACET reserve the right to change the components or part of the components to improve the system.
- 14) Please refer to appendix 1 for the choice of the cables.

POWER SUPPLY

Don't cover or obstruct any of the heats ink slots. Wire exactly as the enclosed diagram. Use a mains circuit breaker. Don't change fuses with different types or ratings. (figure 1)



APPENDIX 1: TABLE SHOWING SIZE OF CABLES FOR LENGTH OF RUN

BETWEEN POWER SUPPLY AND SPEAKER AMPLIFIER

Distance (m.)	8	16	24	40
Section of Wire (mmq.)	0,5	1	1,5	3
Diameter of Wire (mm.)	0,8	1,16	1,38	1,95

Please verify the tension on speaker amplifier of 12V AC

BETWEEN TELEPHONE AND SPEAKER AMPLIFIER

Distance (m.)	30	70	200	400
Section of Wire (mmq.)	0,28	0,5	1	1,5
Diameter of Wire (mm.)	0,6	0,8	1,16	1,38

APPENDIX 2: TERMINAL CONNECTION.

Terminal Connections on Speaker Amplifier 21321 and 21322

terminal	function
1	Ground (GND) AC power
2	Filtered GND
3	AC Power
4	Audio Input (from Microphone of Telephone to Loud-Speaker of Speaker Amplifier)
5	Audio Output (from Microphone of Speaker Amplifier to Loud-Speaker of Telephone)

P1 = Adjust the volume of Loudspeaker

P2 = Adjust the volume of Microphone

terminal	AC Voltage	DC Voltage	Measurement or description
1 - 2	0 V		Always
1 - 3	13 V		Stand-by
1 - 3	12 V		During the call and with door opener button pressed
2 - 4		15 V	Stand-by
2 - 4		2 V	During conversation
2 - 5		15 V	Stand-by
2 - 5		4 V	During conversation

Terminal Connections on Speaker Amplifier 21323

terminal	function
1	Ground (GND) AC power
2	Filtered GND
3	AC Power
4	Audio Input (from Microphone of Telephone to Loud-Speaker of Speaker Amplifier)
5	Audio Output (from Microphone of Speaker Amplifier to Loud-Speaker of Telephone)
6	Not connected
7	Output for call signal (dual tone call)

P1 = Adjust the volume of Loudspeaker

P2 = Adjust the volume of Microphone

terminal	AC Voltage	DC Voltage	Measurement or description
1 - 2	0 V		Always
1 - 3	13 V		Stand-by
1 - 3	12 V		During the call and with door opener button pressed
1 - 4		15 V	Stand-by
2 - 4		2 V	During conversation
2 - 5		15 V	Stand-by
2 - 5		4 V	During conversation
2 - 7	7,6 V	8,7 V	Stand-by
2 - 7	6,3 V	6,6 V	During the call

Terminal Connections on Speaker Amplifier 21324

terminal	function
1	Ground (GND) AC power
2	Filtered GND
3	AC Power
4	Audio Input (from Microphone of Telephone to Loud-Speaker of Speaker Amplifier)
5	Audio Output (from Microphone of Speaker Amplifier to Loud-Speaker of Telephone)
6	Output for call signal for conversation with push button panel (buzzer tone call)
7	Output for call signal for internal conversation (buzzer tone call)

terminal	AC Voltage	DC Voltage	Measurement or description
1 - 2	0 V		Always
1 - 3	13 V		Stand-by
1 - 3	12 V		During the call and with door opener button pressed
2 - 4		15 V	Stand-by
2 - 4		2 V	During conversation
2 - 5		15 V	Stand-by
2 - 5		4 V	During conversation
2 - 6	11 V		During the call
2 - 7	11 V		During the call

N.B. PLEASE NOTE THAT THIS TENSION VALUE HAVE ARANGE OF TOLLERANCE OF 10%

Terminal Connections on Telephones 22500 and 22510

terminal	function
1 - 2	Free service button (when available)
3	Audio Input (from Microphone of Speaker Amplifier to Loud-Speaker of Telephone)
4	Audio Output (from Microphone of Telephone to Loud-Speaker of Speaker Amplifier)
5	Input call signal
6	Filtered GND
7	Output for door opener (press the button generate a short circuit with terminal 6)

APPENDIX 3: TROUBLE SHOOTING LIST ON “ELLISSE” VIDEO SYSTEMS.

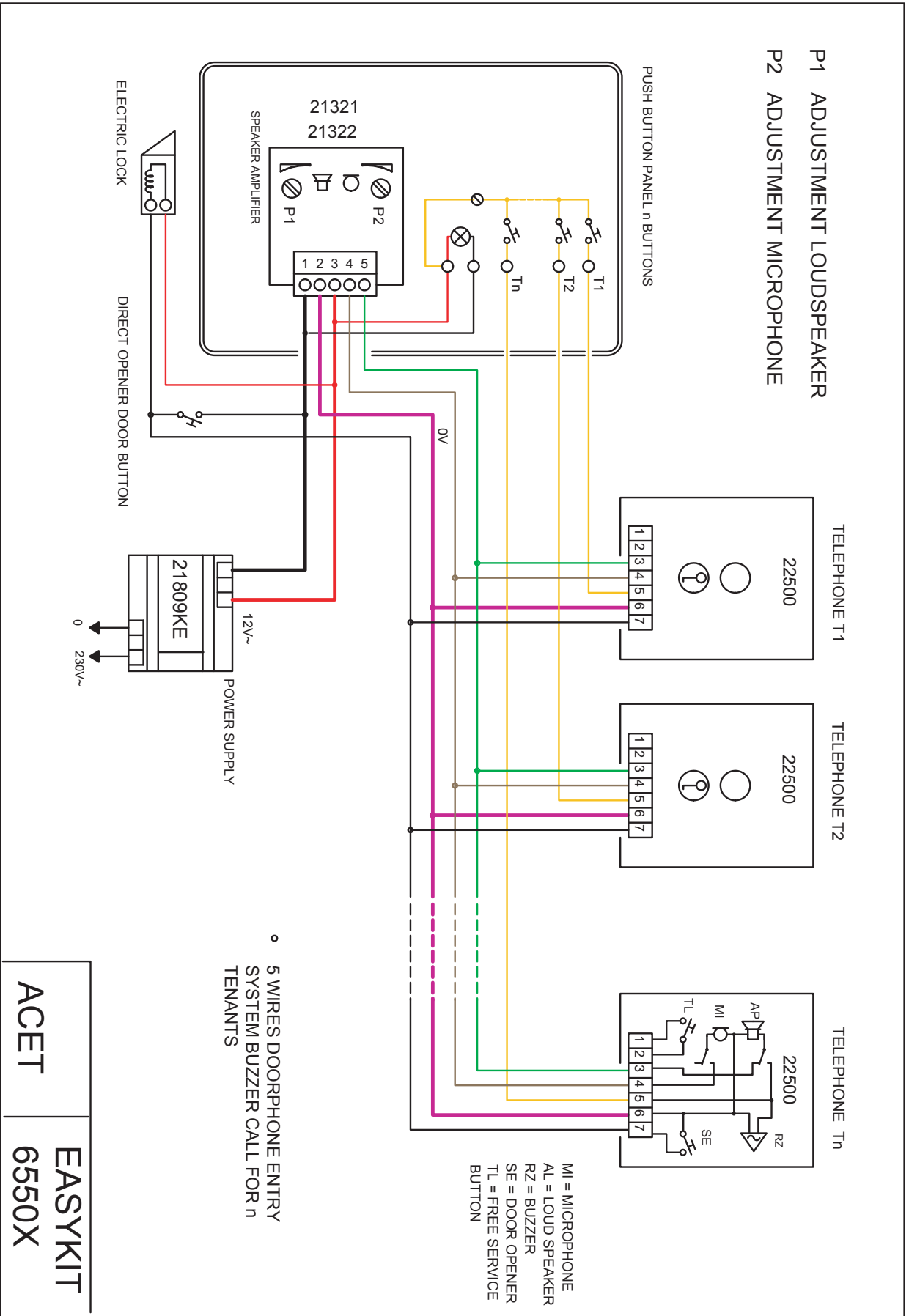
The first operation is to verify, in which part of the system the problem is located and compare the tension suggested on APPENDIX 2 with the tension find in the system

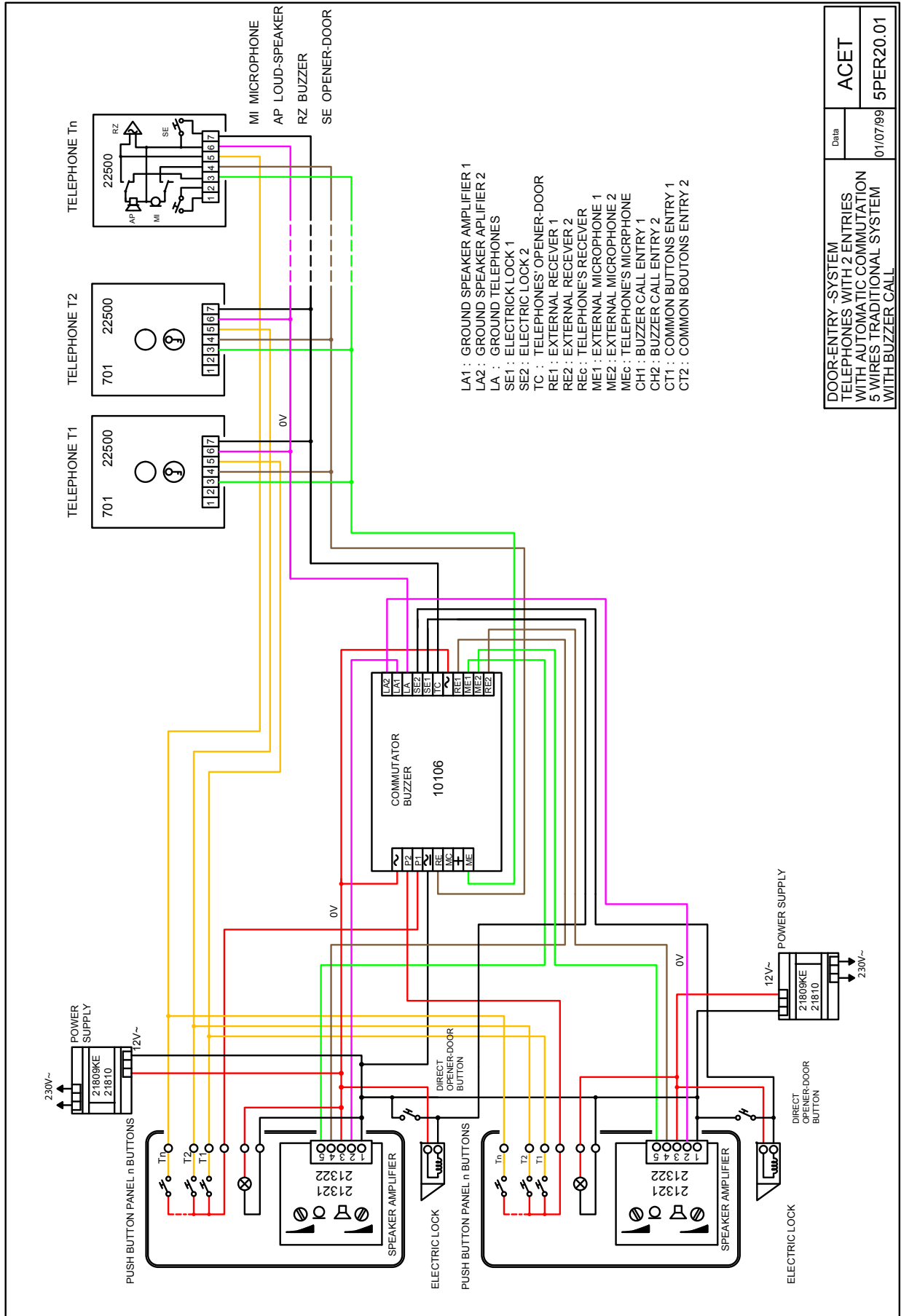
A) The call is not present for anyone

- 1) Verify the output voltage of the Transformer 21809 or 21810 (minimum 12 V AC); if it is lower, verify the voltage on the primary of the 21810 (minimum 215 V AC). In case of voltage missing on the output verify the fuses and the connection with the mains.
- 2) For 21323 and 21324 verify the tension on TB 1-7
- 3) Verify that the ground cable (2 of speaker amplifier and 6 of telephones) is connected

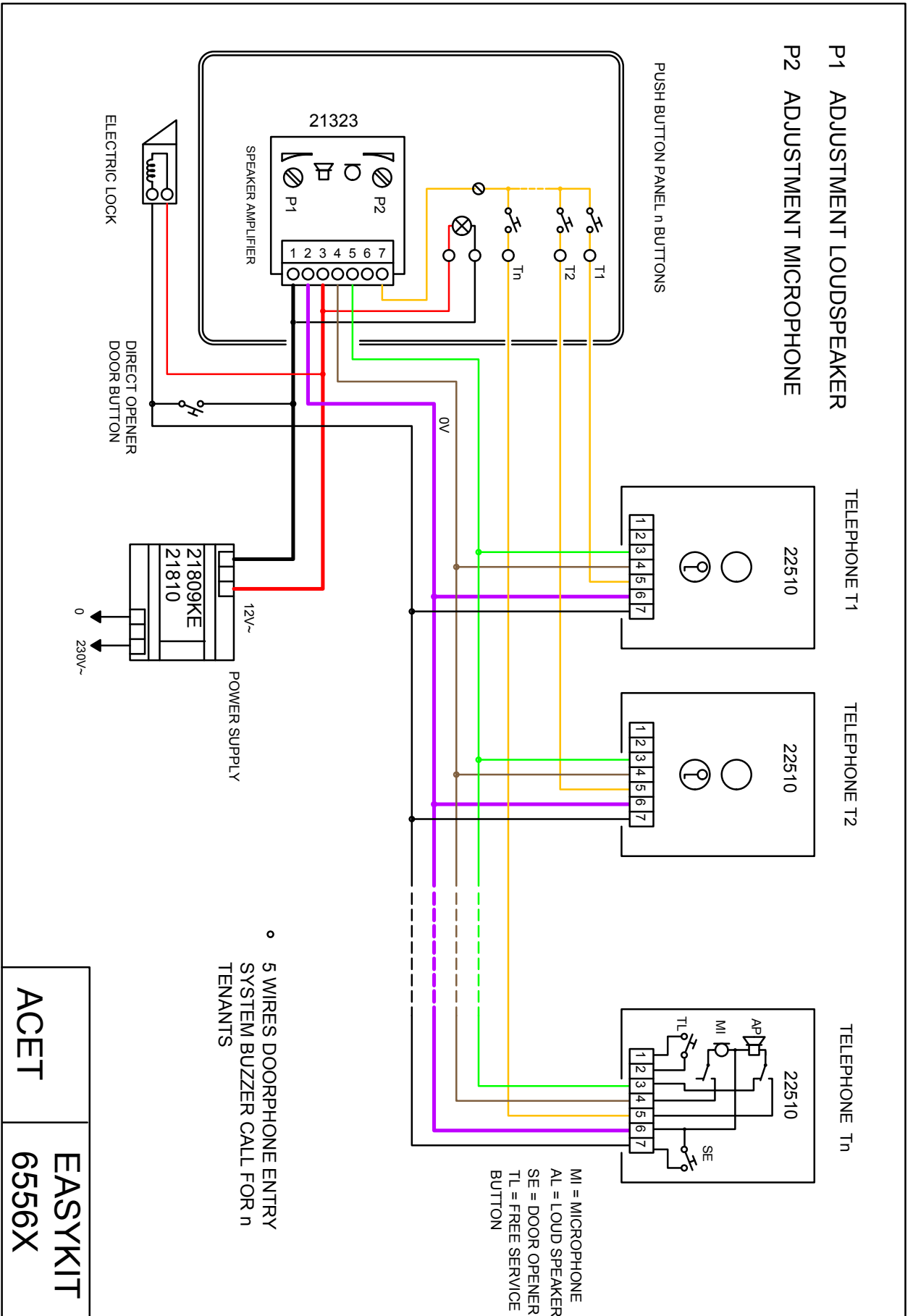
B) Noise during the conversation.

- 1) This is usually due to a low supply (usually lower than 215 V AC) or too thin cables related the distance (please check APPENDIX 1)

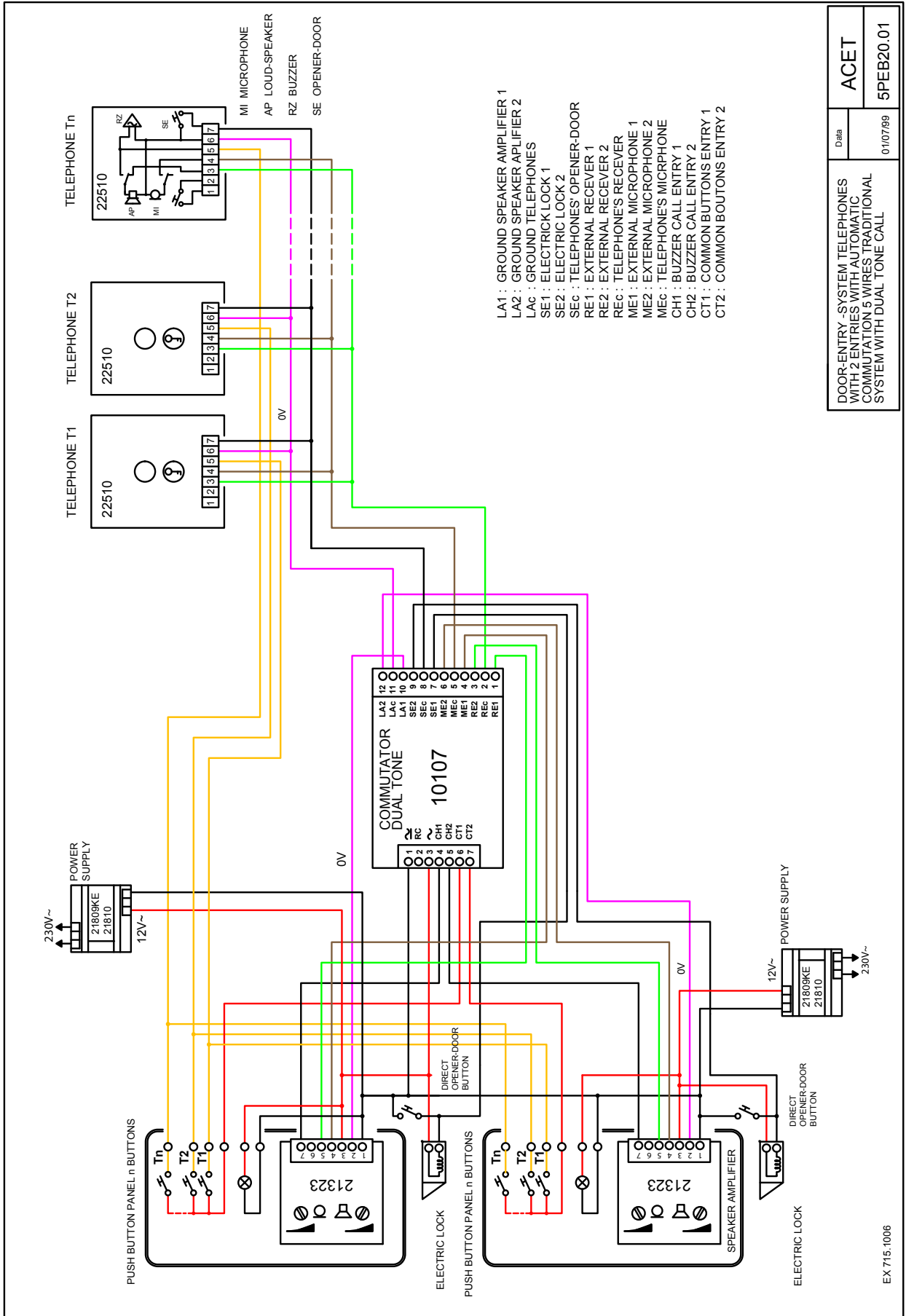




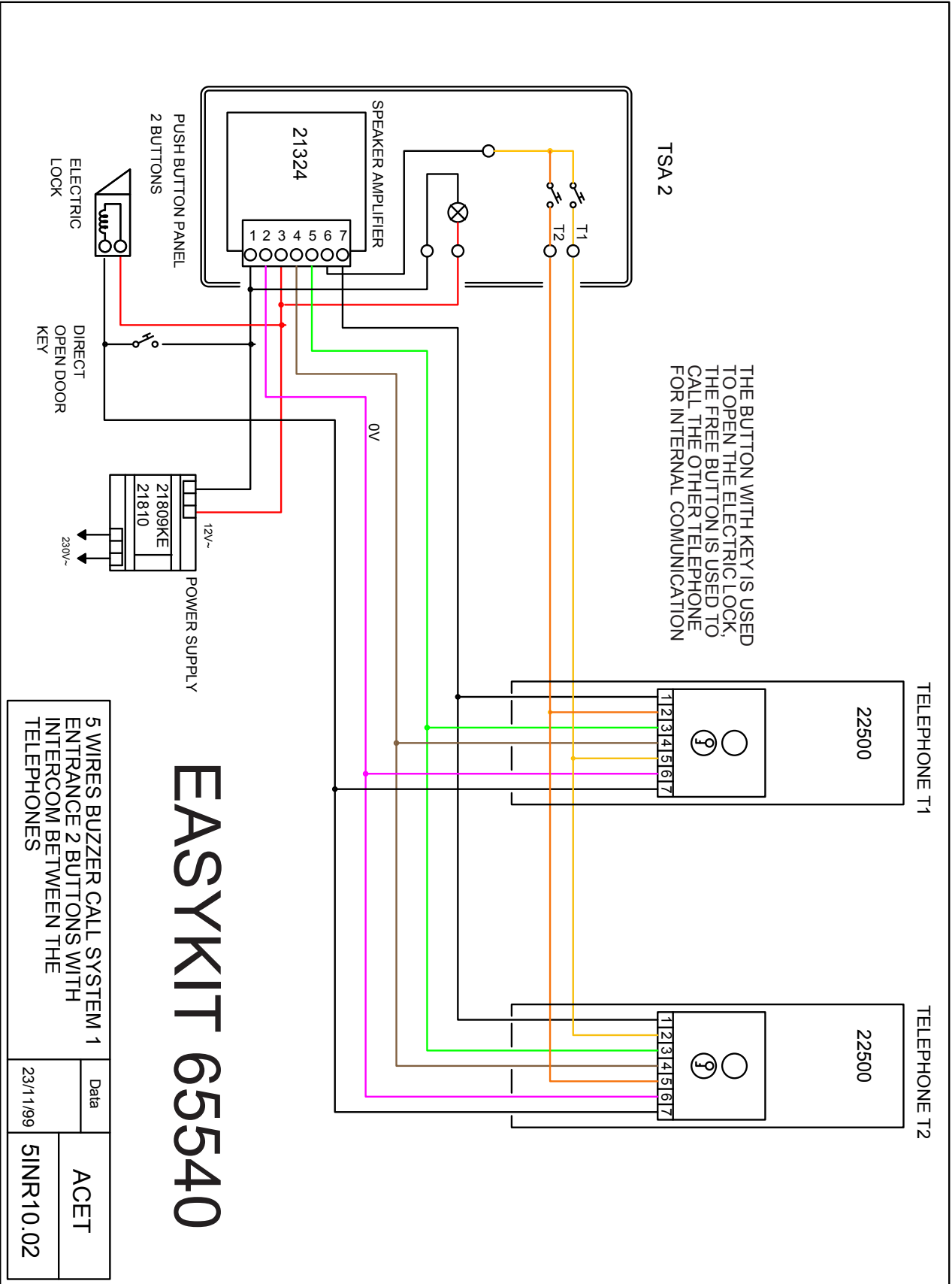
DOOR-ENTRY SYSTEM TELEPHONES WITH 2 ENTRIES WITH AUTOMATIC COMMUTATION 5 WIRES TRADITIONAL SYSTEM WITH BUZZER CALL	Data	ACET
		01/07/99
		5PER20.01



ACET **EASYKIT**
6556X



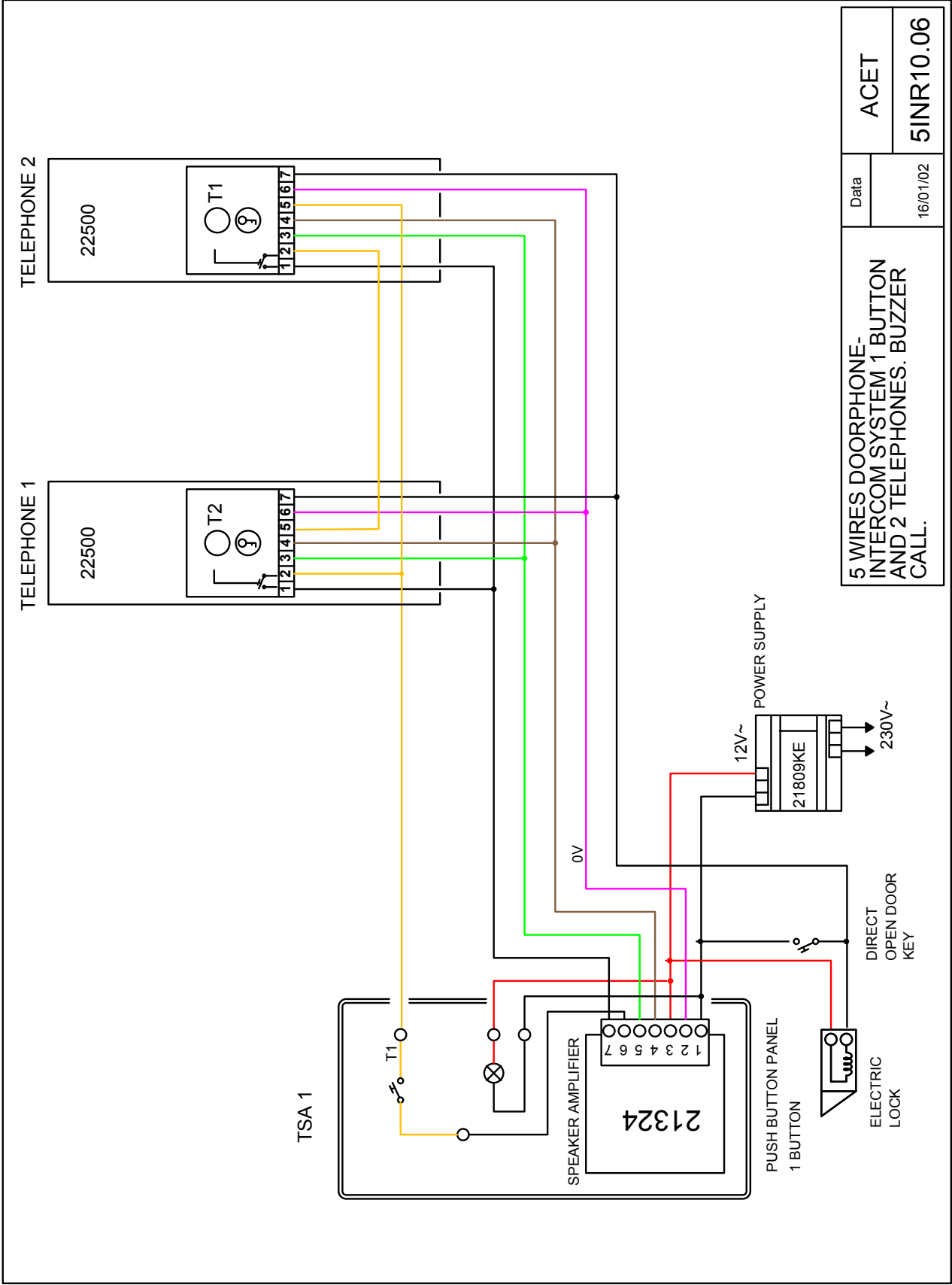
EX 715.1006



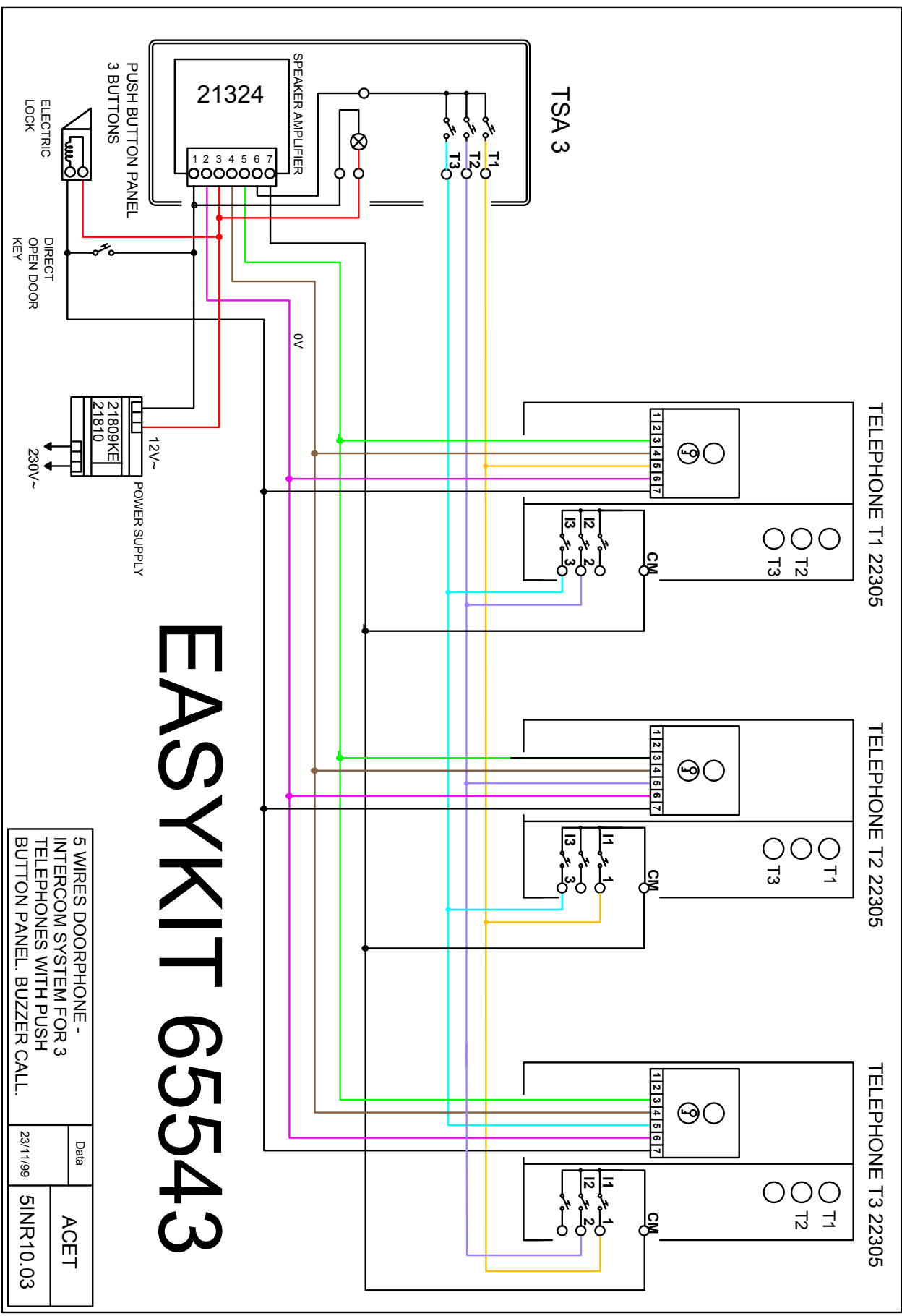
EASYKIT 65540

5 WIRES BUZZER CALL SYSTEM 1
 ENTRANCE 2 BUTTONS WITH
 INTERCOM BETWEEN THE
 TELEPHONES

Data	ACET
23/1/99	SINR10.02



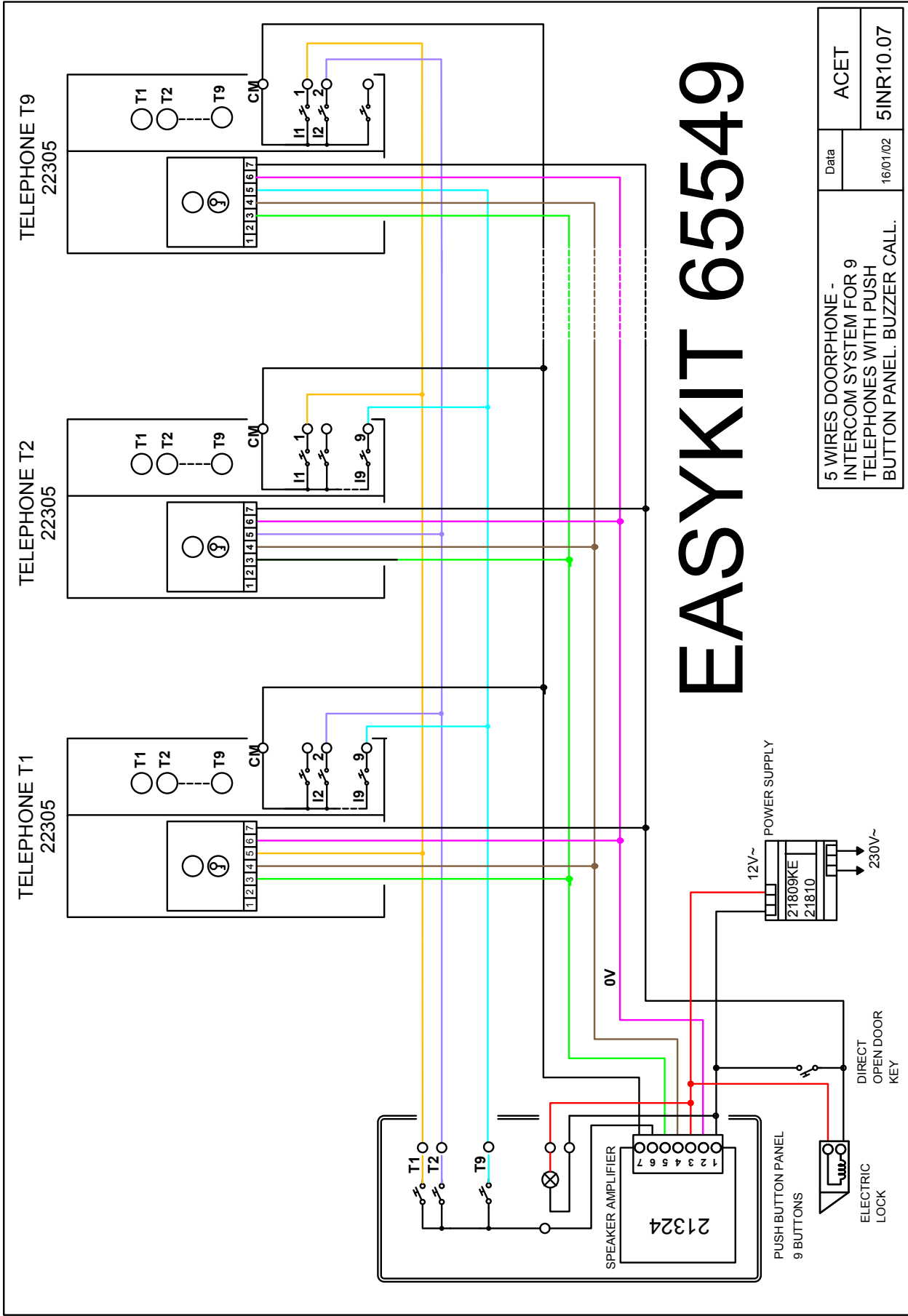
5 WIRES DOORPHONE- INTERCOM SYSTEM 1 BUTTON AND 2 TELEPHONES. BUZZER CALL.		Data	ACET
		16/01/02	5INR10.06



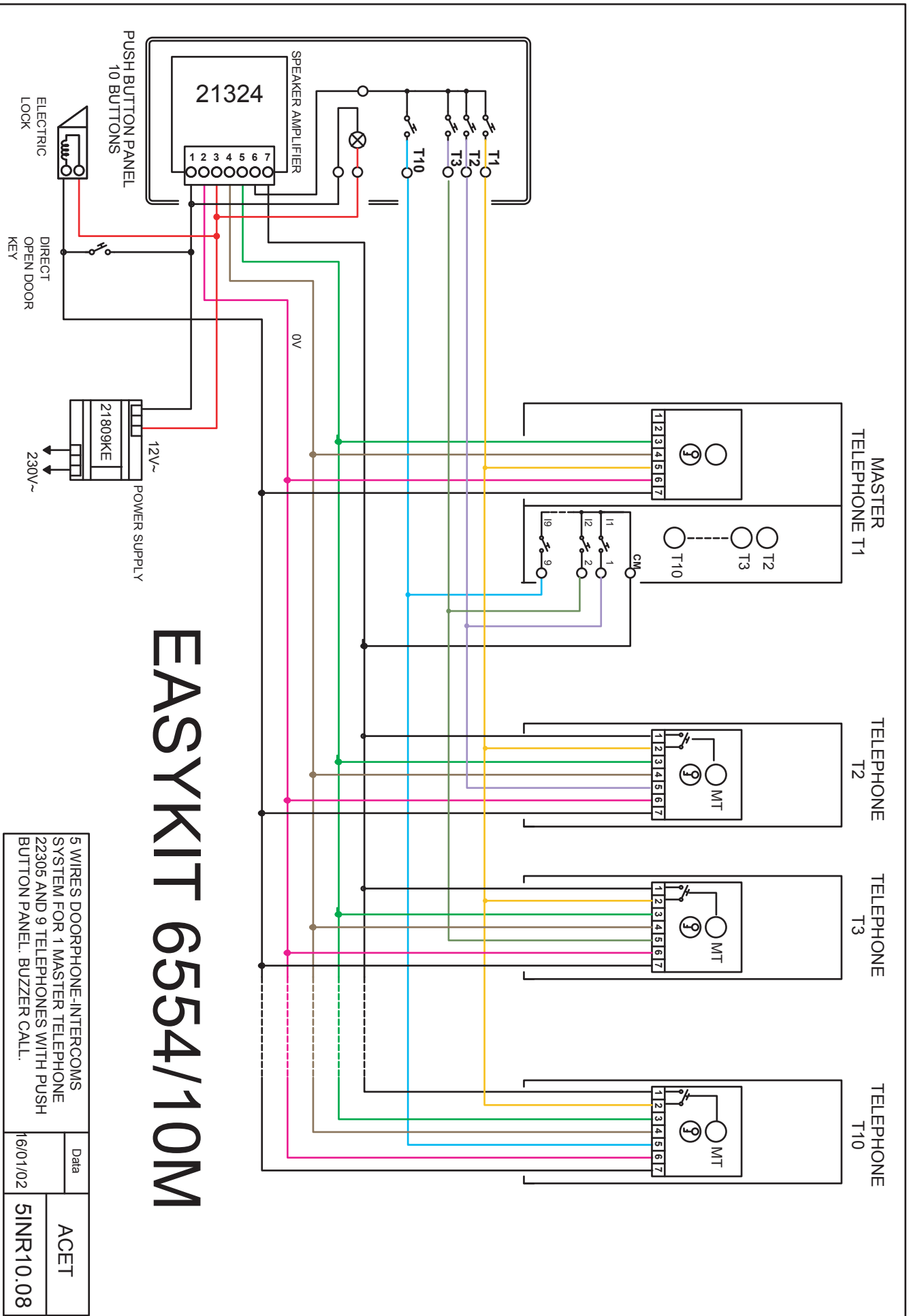
EASYKIT 65543

5 WIRES DOORPHONE -
 INTERCOM SYSTEM FOR 3
 TELEPHONES WITH PUSH
 BUTTON PANEL. BUZZER CALL.

Date	ACET
23/1/99	SINR10.03



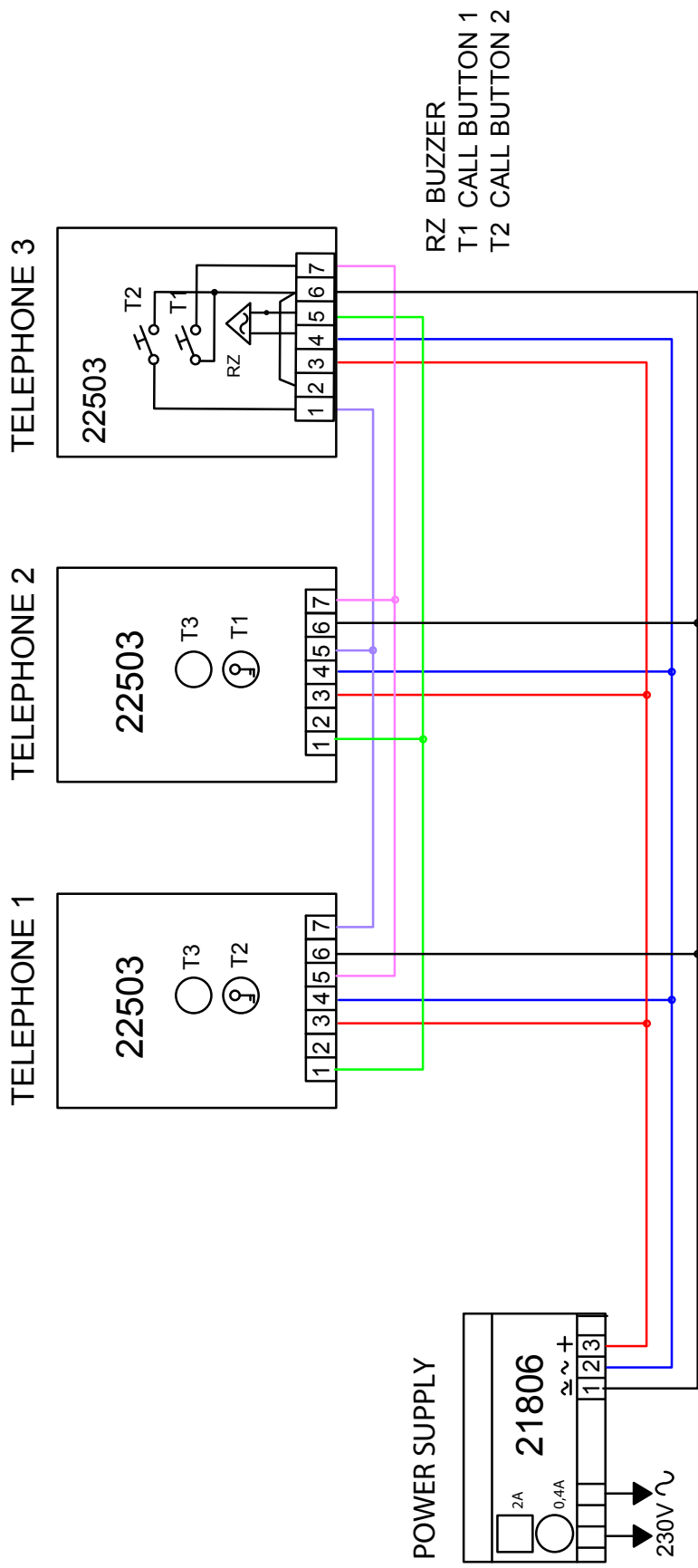
Data		ACET
16/01/02		5INR10.07



EASYKIT 6554/10M

5 WIRES DOORPHONE-INTERCOMS SYSTEM FOR 1 MASTER TELEPHONE 22305 AND 9 TELEPHONES WITH PUSH BUTTON PANEL. BUZZER CALL.

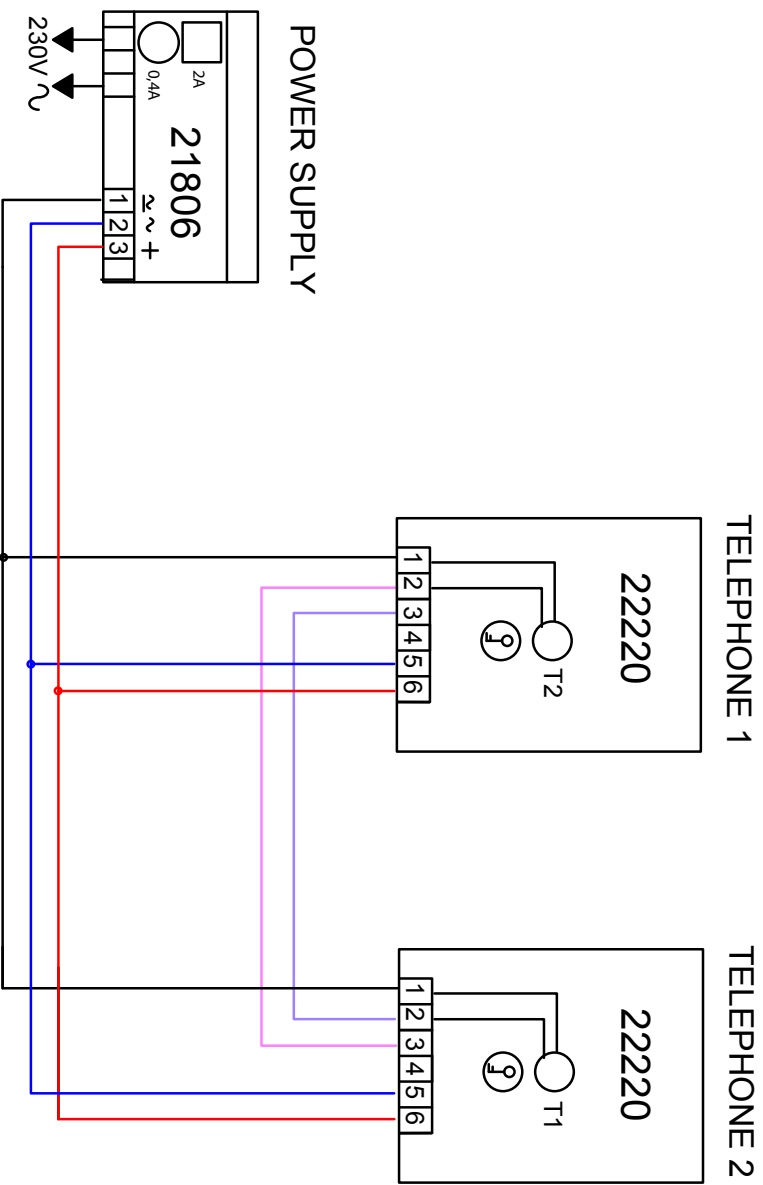
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16/01/02	51NR10.08



RZ BUZZER
T1 CALL BUTTON 1
T2 CALL BUTTON 2

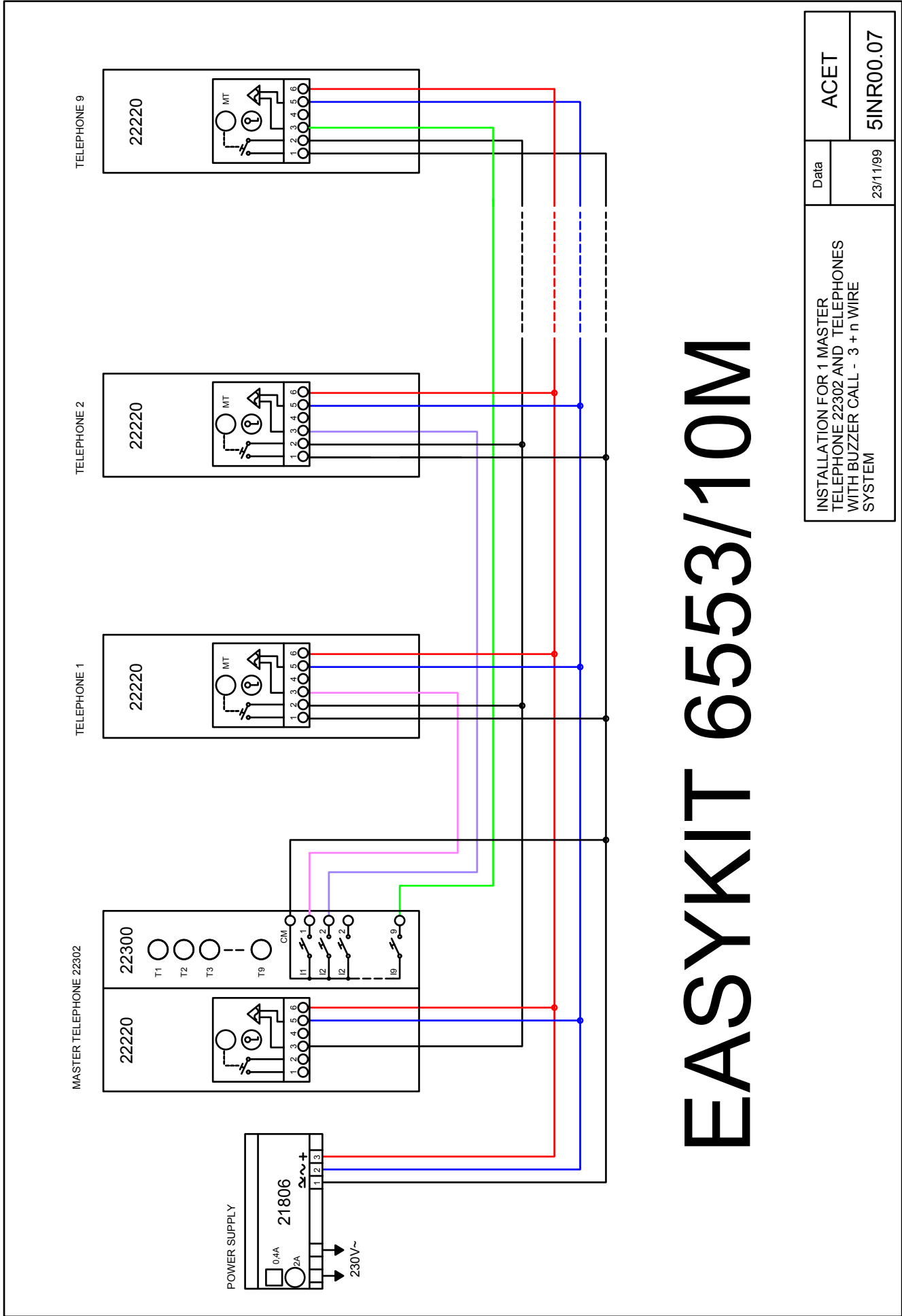
EASYKIT 65533

INTERCOMME 3 TELEPHONES		Data	ACET
		20/07/99	5INR00.04



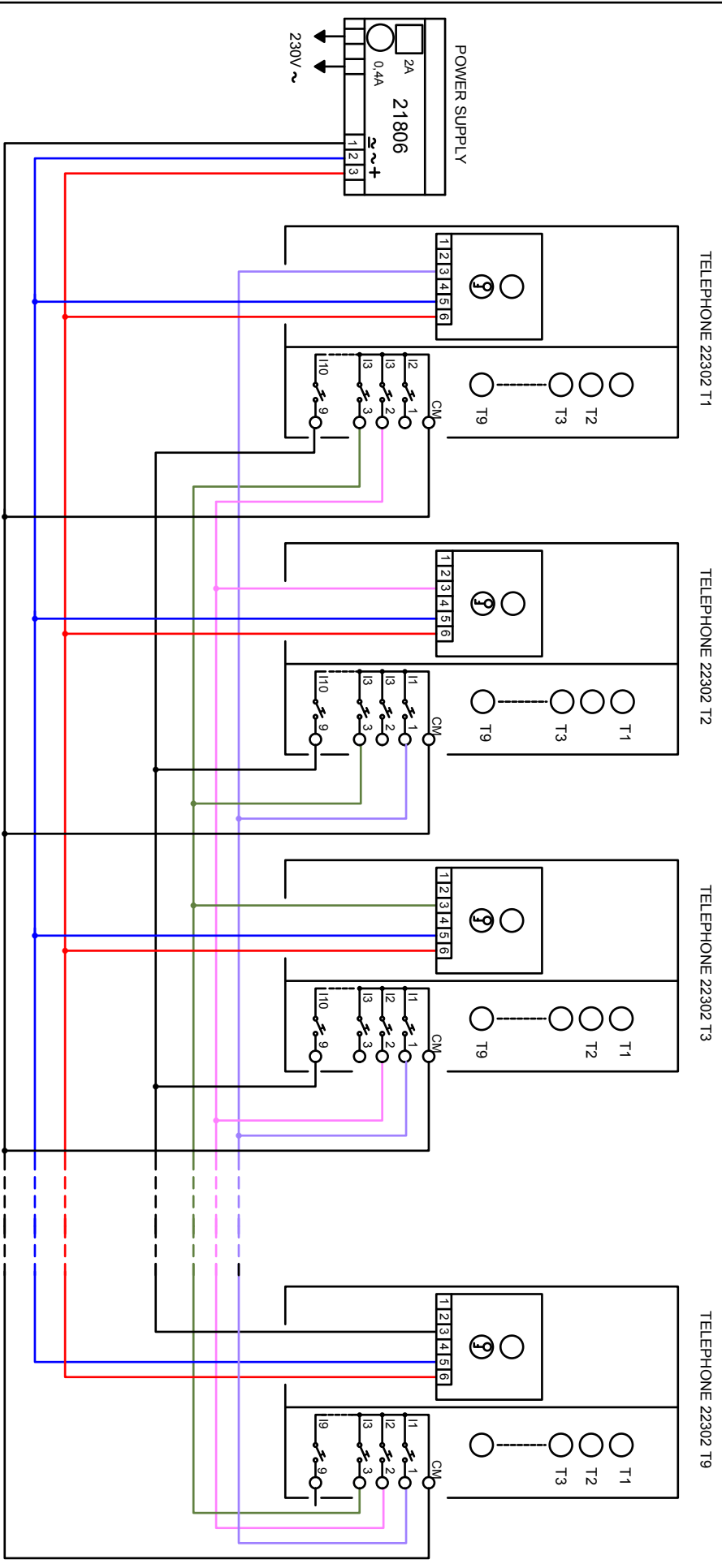
EASYKIT 65532

INTERCOMME 2 TELEPHONES		ACET	
Data		51NR00.03	
22/04/99			



EASYKIT 6553/10M

INSTALLATION FOR 1 MASTER TELEPHONE 22302 AND TELEPHONES WITH BUZZER CALL - 3 + n WIRE SYSTEM		Data	ACET
		23/11/99	5INR00.07



EASYKIT 65539

TELEPHONE WITH INTERCOM,
3 + N WIRE SYSTEM WITH
BUZZER CALL

Data	ACET
15/04/99	SINR00.01