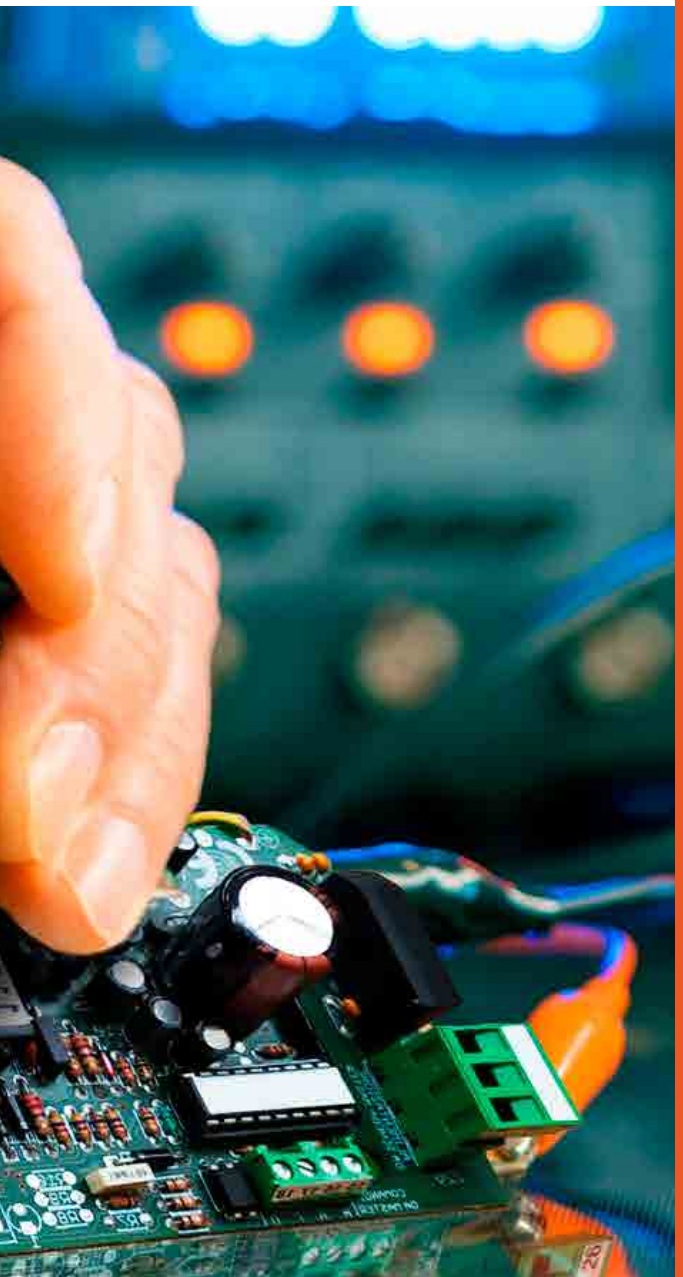
ELECTRONIC CONTROL UNITS





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GUIDE TO CHOICE

FOR SLIDING GATES



ELPRO 62
for JUNIOR 624
for one motor, 24 Vdc
with encoder



ELPRO 63
for JUNIOR 633 - 650
for one motor, 230 Vac 1PH
with encoder



ELPRO 12 EVO
for NYOTA 115 EVO
for one motor, 230 Vac 1PH
with encoder



ELPRO 12 PLUS FN
for NYOTA 115 EVO rev.
for one motor, 230 Vac 1PH



ELPRO 70/3 PLUS
for MEC 200
for one motor, 230 Vac 1PH or
230/400 Vac 3PH



ELPRO 37
for one motor, 230 Vac 1PH
or 230/400 Vac 3PH



ELPRO 37 DS
for two motors, 230 Vac 1PH
or 230/400 Vac 3PH



ELPRO 37 FN
for one motor, 230 Vac 1PH
or 230/400 Vac 3PH
with negative brake



ELPRO 37 HP
for one motor
230/400 Vac 3PH

FOR SWINGING GATES



ELPRO 35M
for BART 350 Master
for one motor, 24 Vdc
with encoder



ELPRO 35S
electronic board
for BART 350 Slave for one
motor 24 Vdc with encoder



ELPRO 42
for DARDO 424
for two motors 24 Vdc
with encoder



ELPRO 42 - 110 V
for DARDO 424
for two motors, 24 Vdc
with encoder



ELPRO 43
for DARDO 430
for two motors, 230 Vac 1PH
with encoder



ELPRO 7 RP
for NUPI 66
for two motors, 230 Vac 1PH



ELPRO 27
for two motors, 230 Vac 1PH



ELPRO 27 HP - 110 V
for two motors, 110 Vac 1PH



ELPRO 27 HP - 230 V
for two motors, 230 Vac 1PH



ELPRO 37 DB
for two motors, 230 Vac 1PH
or 230/400 Vac 3PH

FOR INDUSTRIAL AND GARAGE DOORS



ELPRO 6 exp
for one motor, 230 Vac 1PH



ELPRO 37
for one motor, 230 Vac 1PH or
230/400 Vac 3PH



ELPRO 37 DS
for two motors, 230 Vac 1PH or
230/400 Vac 3PH



ELPRO 37 HP
for one motor
230/400 Vac 3PH

FOR AUTOMATIC BARRIERS



ELPRO 88 exp
for BARRI 88
for one motor, 230 Vac 1PH



ELPRO 980
for BAYT 980
for one motor, 230 Vac 1PH



ELPRO XE
for two motors, 230 Vac 1PH

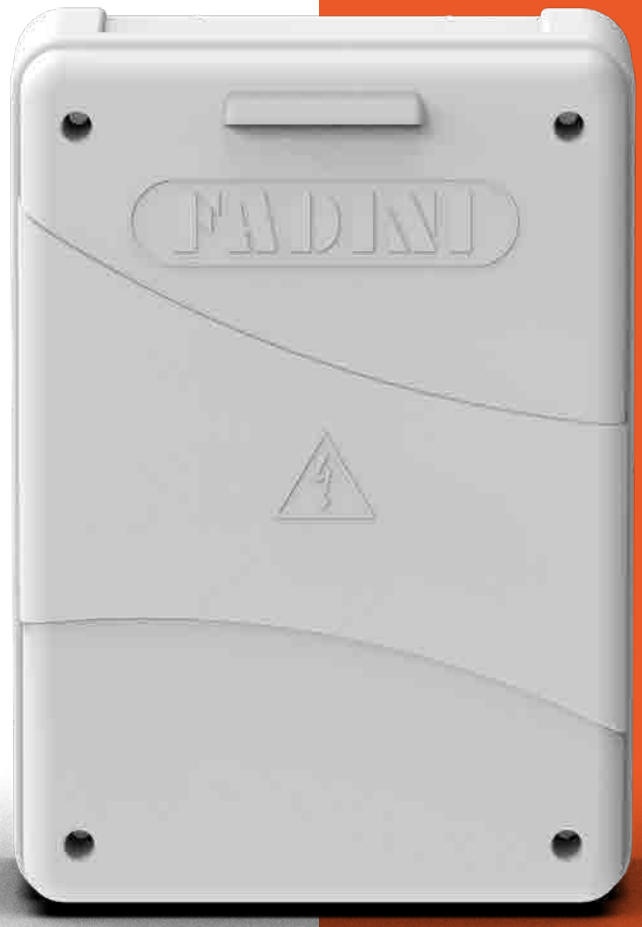
ELPRO CONTROL UNITS

The electronic control units are completely designed and produced in the workshops of Meccanica Fadini.

They comply with the existing regulations and directives for electromagnetic compatibility and can meet any installation requirements: for swinging and sliding gates, automatic beam barriers, doors, double or single industrial doors as well as folding doors and automatic oil-hydraulic bollards.

Each type of ELPRO control unit incorporates a dedicated circuitry of logic functions for a specific type of operator. Easy to program.
All of the boards are fitted with a connector for Fadini plug-in radio receivers.

It is possible to incorporate into them a disconnecting switch, having a knob locking the box lid.



FUNCTIONS AND CONNECTIONS OF THE CONTROL UNITS

• supported - not supported

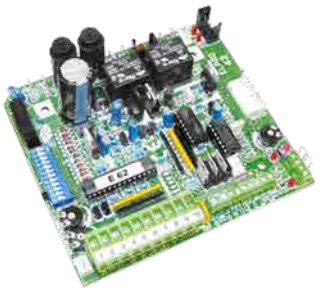
	ELPRO 62 ELPRO 63	ELPRO 12 EVO	ELPRO 70/3 PLUS	ELPRO 37	ELPRO 35	ELPRO 42 ELPRO 43
Three-phase operators	-	-	•	•	-	-
Photocell stop on opening	•	•	•	•	•	•
2ª pair photocell input	•	•	-	•	•	•
Safety edge dedicated input	•	•	-	•	•	•
2ª safety edge dedicated input	•	•	-	•	•	•
Device for photocell Safety Autotest (DSA)	•	-	-	•	•	•
Device for safety edge Autotest (DACS)	•	•	-	•	•	•
Electronic brake	•	•	-	•	-	-
Memorize remaining motor run time on interrupted cycles	-	-	-	-	-	-
Gradual acceleration and slowdown	•	•	-	-	•	•
Torque control adjustment	•	•	-	-	•	•
RT data	•	•	-	-	•	•
Run times learning by radio remote control	•	•	-	-	•	•
Secondary board activation (slave mode)	•	•	-	-	•	-
Electric lock	-	-	•	•	-	•
Step-by-step mode	•	•	•	•	•	•
Deadman control (hold-on-switched)	-	•	•	•	-	-
Pedestrian opening	•	•	•	•	•	•
Pedestrian opening by remote control	•	•	•	•	•	•
Stroke reversing pulse	-	•	-	-	-	•
External clock	•	•	•	•	•	•
Courtesy light	•	•	•	•	•	•
Automation status indication light	•	•	•	•	•	•
Semiautomatic mode	•	•	•	•	•	•
Automatic mode	•	•	•	•	•	•
Pre-flashing	•	•	•	•	•	•
No flashing in dwell time, automatic mode	•	•	•	•	•	•
Plug-in radio card	•	•	•	•	•	•
No travel reverse by remote control on opening	•	•	•	•	•	•
Auto-close: gate recloses on crossing photocells	•	•	-	•	•	•
Pre-set for traffic light, up to 3 lights	-	-	-	•	-	-

• supported - not supported

	ELPRO 7 RP	ELPRO 27	ELPRO 6 exp	ELPRO 88 exp	ELPRO 980	ELPRO XE
Three-phase operators	-	-	-	-	-	-
Photocell stop on opening	•	•	-	-	•	•
2ª pair photocell input	-	•	-	-	-	•
Safety edge dedicated input	-	•	-	-	-	-
2ª safety edge dedicated input	-	•	-	-	-	-
Device for photocell Safety Autotest (DSA)	-	•	-	-	-	-
Device for safety edge Autotest (DACS)	-	•	-	-	-	-
Electronic brake	-	-	-	-	-	-
Memorize remaining motor run time on interrupted cycles	•	•	-	-	-	•
Gradual acceleration and slowdown	-	-	-	-	-	-
Torque control adjustment	•	-	-	-	-	•
RT data	-	-	-	-	-	-
Run times learning by radio remote control	•	-	-	-	-	-
Secondary board activation (slave mode)	-	-	-	-	•	-
Electric lock	•	•	-	-	-	•
Step-by-step mode	•	•	•	•	•	•
Deadman control (hold-on-switched)	-	•	-	-	•	•
Pedestrian opening	•	•	-	-	-	•
Pedestrian opening by remote control	•	•	-	-	-	•
Stroke reversing pulse	-	•	-	-	-	•
External clock	-	•	-	-	•	•
Courtesy light	-	•	•	-	-	•
Automation status indication light	•	•	-	-	•	•
Semiautomatic mode	•	•	•	•	•	•
Automatic mode	•	•	•	•	•	•
Pre-flashing	•	•	-	-	•	•
No flashing in dwell time, automatic mode	•	•	-	-	•	•
Plug-in radio card	•	•	•	•	•	•
No travel reverse by remote control on opening	•	•	-	-	•	•
Auto-close: gate recloses on crossing photocells	-	•	-	-	•	•
Pre-set for traffic light, up to 3 lights	-	•	-	-	•	-

FOR SLIDING GATES

620L ELPRO 62



COMPATIBILITY
Electronic control unit for JUNIOR 624.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: gate travel settings by auto-learning, slowdowns, gate travel reversing on obstacle impact, preset for a second sliding gate (master/slave), electronic brake. Green/red diagnostic LED lights for an easy assessment of the operator status. Possibility to connect 2 x 2,6 Ah - 12 V batteries. (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA). Working temperature -20 °C +55 °C.

630L ELPRO 63



COMPATIBILITY
Electronic control unit for JUNIOR 633 and JUNIOR 650.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: gate travel settings by auto-learning, slowdowns, gate travel reversing on obstacle impact, preset for a second sliding gate (master/slave), electronic brake. Green/red diagnostic LED lights for an easy assessment of the operator status. (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA). Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	620L ELPRO 62	630L ELPRO 63
Board supply voltage 1PH (Vac - Hz)	230 - 50	230 - 50
Board supply voltage 3PH (Vac - Hz)	-	-
Motor max. power (W)	200	375
Courtesy light output (Vdc - mA)	24 - 50	24 - 50
Output for photocells/keyswitch/radio receiver (Vdc - mA)	24 - 500	24 - 500
Pilot light output (Vdc - W)	24 - 1	24 - 1
DSA control output (Vdc - mA)	24 - 150	24 - 150
Flashing light output (Vdc - W | Vac - W)	24 - 15	230 - 25
Motor run time (s)	-	-
Dwell time (s)	1 - 120	1 - 120
Gate delay time on closing (s)	-	-
Pedestrian opening time (min)	max 3	max 3

FOR SLIDING GATES

7063L ELPRO 12 EVO



COMPATIBILITY
Electronic control unit for NYOTA 115 EVO.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: electronic brake, programmable slowdowns, preset to take an external clock, master/slave option, gate travel reversing on obstacle detection by encoder, (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA). Working temperature -20 °C +55 °C.

7064L ELPRO 12 PLUS FN



COMPATIBILITY
Electronic control unit for NYOTA 115 EVO.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Negative brake (the operator is turned into a reversible unit only in case of power disconnection), preset to take an external clock, (DSA) photocells autotest, (DACS) safety edges autotest. Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	7063L ELPRO 12 EVO	7064L ELPRO 12 PLUS FN
Board supply voltage 1PH (Vac - Hz)	230 - 50	230 - 50
Board supply voltage 3PH (Vac - Hz)	-	-
Motor max. power (W)	-	-
Courtesy light output (Vac - W - min)	230 - 100 - 3	230 - 100 - 3
Output for photocells/keyswitch/radio receiver (Vac - mA)	24 - 500	24 - 500
Pilot light output (Vac - W)	24 - 3	24 - 3
DSA control output (Vdc - mA)	-	-
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	1 - 200	1 - 200
Dwell time (s)	2 - 128	2 - 128
Gate delay time on closing (s)	-	-
Pedestrian opening time (s)	2 - 30	2 - 30

FOR SLIDING GATES

7060L ELPRO 70/3 PLUS



COMPATIBILITY
Electronic control unit for MEC 200.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, radio card plug-in connector, connections for photocells, preset for external clock, operator status indication. Single- and three-phase power supply. Working temperature -20 °C +55 °C.

7087L ELPRO 37



COMPATIBILITY
Electronic control unit for sliding gates.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, preset for external clock, electronic brake, operator status indication. (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights. Single- and three-phase power supply. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	7060L ELPRO 70/3 PLUS	7087L ELPRO 37
Board supply voltage 1PH (Vac - Hz)	230 - 50	230 - 50/60
Board supply voltage 3PH (Vac - Hz)	230/400 - 50	400 - 50/60
Motor max. power (W)	375	750 1PH - 1.200 3PH
Courtesy light output (Vac)	Relay 12	Relay 12
Output for photocells/keyswitch/radio receiver (Vac - mA)	24 - 500	24 - 500
Pilot light output (Vac - W)	24 - 3	24 - 3
DSA control output (Vac - mA)	-	24 - 150
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	5 - 150	0 - 120
Dwell time (s)	5 - 150	1 - 220
Gate delay time on closing (s)	-	-
Pedestrian opening time (s)	3 - 30	1 - 45

FOR SLIDING GATES

7180L ELPRO 37 DS



COMPATIBILITY
Electronic control unit for two motors for sliding gates.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, preset for external clock, electronic brake, operator status indication. (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights. Single- and three-phase power supply. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

7184L ELPRO 37 FN



COMPATIBILITY
Electronic control unit for sliding gate motors.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: negative brake (the operator is turned into a reversible unit only in case of power disconnection), electric lock power supply, preset to take an external clock, operator status indication, (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights. Single- and three-phase power supply. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	7180L ELPRO 37 DS	7184L ELPRO 37 FN
Board supply voltage 1PH (Vac - Hz)	230 - 50/60	230 - 50/60
Board supply voltage 3PH (Vac - Hz)	400 - 50/60	400 - 50/60
Motor max. power (W)	750 1PH - 1.200 3PH	750 1PH - 1.200 3PH
Courtesy light output (Vac)	Relay 12	Relay 12
Output for photocells/keyswitch/radio receiver (Vac - mA)	24 - 500	24 - 500
Pilot light output (Vac - W)	24 - 3	24 - 3
DSA control output (Vac - mA)	24 - 150	24 - 150
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	0 - 120	0 - 120
Dwell time (s)	1 - 220	1 - 220
Gate delay time on closing (s)	-	-
Pedestrian opening time (s)	1 - 45	1 - 45

FOR SLIDING GATES

7185L ELPRO 37 HP



COMPATIBILITY
Electronic control unit with power contactors and electronic brake for sliding gate motors and motors with or without limit switches (max 3 HP single-phase or 5 HP three-phase).

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, preset to take an external clock, electronic brake, operator status indication, (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights. Single- and three-phase power supply. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	7185L ELPRO 37 HP
Board supply voltage 1PH (Vac - Hz)	230 - 50/60
Board supply voltage 3PH (Vac - Hz)	400 - 50/60
Motor max. power (W)	2.200 1PH - 3.650 3PH
Courtesy light output (Vac)	Relay 12
Output for photocells/keyswitch/radio receiver (Vac - mA)	24 - 500
Pilot light output (Vac - W)	24 - 3
DSA control output (Vac - mA)	24 - 150
Flashing light output (Vac - W)	230 - 25
Motor run time (s)	0 - 120
Dwell time (s)	1 - 220
Gate delay time on closing (s)	-
Pedestrian opening time (s)	1 - 45

FOR SWINGING GATES

3518L ELPRO 35M



COMPATIBILITY
Electronic control unit for BART 350 Master.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: gate travel settings by auto-learning, slowdowns, gate travel reversing on obstacle impact, preset for connection to ELPRO 35S, slave control board. Intuitive settings by trimmers and dip-switches, green/red diagnostic LED lights for an easy assessment of the operator status, (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA). Working temperature -20 °C +55 °C.

3519L ELPRO 35S



COMPATIBILITY
Electronic control board for the operator BART 350 Slave.

MAIN FUNCTIONS
Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	3518L ELPRO 35M
Board supply voltage 1PH (Vac - Hz)	230 - 50
Board supply voltage 3PH (Vac - Hz)	-
Motor max. power (W)	200
Courtesy light output (Vdc - mA)	24 - 50
Output for photocells/keyswitch/radio receiver (Vdc - mA)	24 - 500
Pilot light output (Vdc - W)	24 - 1
DSA control output (Vdc)	24
Flashing light output (Vdc)	24
Motor run time (s)	-
Dwell time (s)	1 - 120
Gate delay time on closing (s)	-
Pedestrian opening time (s)	-

FOR SWINGING GATES

4200L ELPRO 42



COMPATIBILITY
Electronic control unit for DARDO 424.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: motor run time, with or without gate delays, fixed slowdown on opening and closing phases. Amperometric function and encoder for gate travel reversing on impact. (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA), dedicated output for electric lock, dedicated inputs for safety edges, speed adjustment, force adjustment and dwell time adjustment by trimmers. Dedicated outputs for two motors. Possibility to connect two x 2,6 Ah – 12 V batteries. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C. Power supply by 12 V battery.

4202L ELPRO 42 - 110 V



COMPATIBILITY
Electronic control unit for DARDO 424. 110 Vac board power supply.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: motor run time, with or without gate delays, fixed slowdown on opening and closing phases. Amperometric function and encoder for gate travel reversing on impact. (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA), dedicated output for electric lock, dedicated inputs for safety edges, speed adjustment, force adjustment and dwell time adjustment by trimmers. Dedicated outputs for two motors. Possibility to connect two x 2,6 Ah – 12 V batteries. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C. Power supply by 12 V battery.

TECHNICAL FEATURES	4200L ELPRO 42	4202L ELPRO 42 - 110 V
Board supply voltage 1PH (Vac - Hz)	230 - 50	110 - 50/60
Board supply voltage 3PH (Vac - Hz)	-	-
Motor max. power (W)	200	200
Courtesy light output (Vdc - mA)	24 - 50	24 - 50
Output for photocells/keyswitch/radio receiver (Vdc - mA)	24 - 500	24 - 500
Pilot light output (Vdc - W)	24 - 3	24 - 3
DSA control output (Vdc - mA)	24 - 150	24 - 150
Flashing light output (Vdc - W)	24 - 15	24 - 15
Motor run time (s)	-	-
Dwell time (s)	1 - 120	1 - 120
Gate delay time on closing (s)	-	-
Pedestrian opening time (s)	-	-

FOR SWINGING GATES

4300L ELPRO 43



COMPATIBILITY
Electronic control unit for DARDO 430.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: motor run time, with or without gate delays, fixed slowdown on opening and closing phases. Amperometric function and encoder for gate travel reversing on impact. (DSA) photocells autotest, (DACS) safety edges autotest, logic system (RT DATA), dedicated output for electric lock, dedicated inputs for safety edges, speed adjustment, force adjustment and dwell time adjustment by trimmers. Dedicated outputs for two motors. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

6610L ELPRO 7 RP



COMPATIBILITY
Electronic control unit for NUPI 66.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, pedestrian and pre-flashing.

MAIN FUNCTIONS
Simple programming by one button: torque control, electric lock power supply, radio card plug-in connector, connections for photocells and open-stop-close push buttons, green/red diagnostic LED lights for an easy assessment of the operator status, low and high voltage fuses, storing of the time settings. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	4300L ELPRO 43	6610L ELPRO 7 RP
Board supply voltage 1PH (Vac - Hz)	230 - 50	230 - 50
Board supply voltage 3PH (Vac - Hz)	-	-
Motor max. power (W)	500	500
Courtesy light output (Vdc - mA)	24 - 50	-
Output for photocells/keyswitch/radio receiver (Vdc - mA)	24 - 500	24 - 500
Pilot light output (Vdc - W | Vac - W)	24 - 3	24 - 3
DSA control output (Vdc)	24	-
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	-	~ 20
Dwell time (s)	1 - 120	on automatic 15, max 90
Gate delay time on closing (s)	-	6
Pedestrian opening time (s)	-	-

FOR SWINGING GATES

7047L ELPRO 27

COMPATIBILITY
Electronic control unit for single or double swinging gate motors, with or without limit switches. For single or double sliding gate motors (max 0,5 HP with mechanical clutch).

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights, storing of time settings, operator status indication. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.



7048L ELPRO 27 HP - 110 V

COMPATIBILITY
Electronic control unit for single or double swinging gate motors, with or without limit switches. For single or double sliding gate motors (max 0,5 HP with mechanical clutch). 110 Vac board power supply.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights, storing of time settings, operator status indication. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.



TECHNICAL FEATURES	7047L ELPRO 27	7048L ELPRO 27 HP - 110 V
Board supply voltage 1PH (Vac - Hz)	230 - 50/60	110 - 50/60
Board supply voltage 3PH (Vac - Hz)	-	-
Motor max. power (W)	750	750
Courtesy light output (Vac - W)	230 - 100	230 - 100
Output for photocells/keyswitch/radio receiver (Vac)	24	24
Pilot light output (Vac - W)	24 - 3	24 - 3
DSA control output (Vac - mA)	24 - 150	24 - 150
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	0 - 120 (sliding) 0 - 60 (swinging)	0 - 120 (sliding) 0 - 60 (swinging)
Dwell time (s)	1 - 220	1 - 220
Gate delay time on closing (s)	0 - 10	0 - 10
Pedestrian opening time (s)	1 - 45	1 - 45

FOR SWINGING GATES

7042L ELPRO 27 HP - 230 V



COMPATIBILITY
Electronic control unit for single or double swinging gate motors, with or without limit switches. For single or double sliding gate motors (max 1,5 HP with mechanical clutch). 230 Vac board power supply.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights, storing of time settings, operator status indication. Box size 210x295x110 mm. Grade of protection IP 64. Working temperature -20 °C +55 °C.

7183L ELPRO 37 DB



COMPATIBILITY
Electronic control unit for double swinging gate motors (max 1,5 HP three-phase or 1,0 HP single-phase).

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: electric lock power supply, preset for external clock, electronic brake, operator status indication. (DSA) photocells autotest, (DACS) safety edges autotest, preset for traffic lights up to 3 lights. Single- and three-phase power supply. Box size 210x295x110 mm. Grade of protection IP 64.
Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	7042L ELPRO 27 HP - 230 V	7183L ELPRO 37 DB
Board supply voltage 1PH (Vac - Hz)	230 - 50/60	230 - 50/60
Board supply voltage 3PH (Vac - Hz)	-	400 - 50/60
Motor max. power (W)	2.200	750 1PH - 1.200 3PH
Courtesy light output (Vac - W | Vac)	230 - 100	Relay 12
Output for photocells/keyswitch/radio receiver (Vac - mA)	24	24 - 500
Pilot light output (Vac - W)	24 - 3	24 - 3
DSA control output (Vac - mA)	24 - 150	24 - 150
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	0 - 120 (sliding) 0 - 60 (swinging)	0 - 120
Dwell time (s)	1 - 220	1 - 220
Gate delay time on closing (s)	0 - 10	0 - 10
Pedestrian opening time (s)	1 - 45	-

FOR INDUSTRIAL AND GARAGE DOORS

243L ELPRO 6 exp



COMPATIBILITY
Electronic control unit for APROLI 480.

OPERATING MODES
Automatic, semiautomatic, step by step automatic.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: button switch to open/stop/close operations, radio card plug-in connector, photocells connections, low and high voltage fuses, automatic closing. Box size 147x197x80 mm.
Grade of protection IP 56. Working temperature -20 °C +55 °C.

7087L ELPRO 37



(see page 132 for the technical features)

7180L ELPRO 37 DS



(see page 133 for the technical features)

7185L ELPRO 37 HP



(see page 134 for the technical features)

TECHNICAL FEATURES	243L ELPRO 6 exp
Board supply voltage 1PH (Vac - Hz)	230 - 50
Board supply voltage 3PH (Vac - Hz)	-
Motor max. power (W)	400
Courtesy light output (Vac - W)	230 - 25
Output for photocells/keyswitch/radio receiver (Vac - mA)	24 - 500
Pilot light output (Vac - W)	-
DSA control output (Vac - mA)	-
Flashing light output (Vac - W)	230 - 25
Motor run time (s)	-
Dwell time (s)	-
Gate delay time on closing (s)	-
Pedestrian opening time (s)	-

FOR AUTOMATIC BARRIERS

2431L ELPRO 88 exp



COMPATIBILITY
Electronic control unit for BARRI 88.

OPERATING MODES
Automatic, semiautomatic, step by step automatic.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: radio card plug-in connector, photocells connections, low and high voltage fuses, automatic closing. Box size 147x197x80 mm. Grade of protection IP 56.
Working temperature -20 °C +55 °C.

9899L ELPRO 980



COMPATIBILITY
Electronic control unit for BAYT 980.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: preset to operate two synchronized barriers at a time (master/slave), external clock, traffic lights up to 3 lights, operator status indication. Box size 235x314x139 mm.
Grade of protection IP 53. Working temperature -20 °C +55 °C.

TECHNICAL FEATURES	2431L ELPRO 88 exp	9899L ELPRO 980
Board supply voltage 1PH (Vac - Hz)	230 - 50	230 - 50
Board supply voltage 3PH (Vac - Hz)	-	-
Motor max. power (W)	400	1.200
Courtesy light output (Vac)	-	-
Output for photocells/keyswitch/radio receiver (Vac - mA)	24 - 500	24 - 500
Pilot light output (Vac - W)	-	24 - 3
DSA control output (Vac - mA)	-	-
Flashing light output (Vac - W)	230 - 25	230 - 25
Motor run time (s)	60	25 max
Dwell time (s)	-	0 - 180
Gate delay time on closing (s)	-	-
Pedestrian opening time (s)	-	-

FOR TWO 230 Vac 1PH MOTORS

7271L ELPRO XE

COMPATIBILITY
Electronic control unit for motors with or without mechanical limit switch.

OPERATING MODES
Automatic, semiautomatic, step by step automatic, deadman control, pedestrian, stroke reversing pulse and pre-flashing.

MAIN FUNCTIONS
Intuitive settings by trimmers and dip-switches: dedicated output for electric lock, storing of time settings, torque control for electromechanical motor operators, external clock, traffic lights up to 3 lights, diagnostic green/red LED lights to easily assess the operator status. Box size 210x295x110 mm. Grade of protection IP 64.
Working temperature -20 °C +55 °C.



TECHNICAL FEATURES	7271L ELPRO XE
Board supply voltage 1PH (Vac - Hz)	230 - 50
Board supply voltage 3PH (Vac - Hz)	-
Motor max. power (W)	750
Courtesy light output (Vac - W)	230 - 100
Output for photocells/keyswitch/radio receiver (Vac)	24
Pilot light output (Vac - W)	24 - 3
DSA control output (Vac - mA)	24 - 150
Flashing light output (Vac - W)	230 - 25
Motor run time (s)	0 - 120 (sliding) 0 - 60 (swinging)
Dwell time (s)	0 - 220
Gate delay time on closing (s)	0 - 10
Pedestrian opening time (s)	0 - 30

ACCESSORIES FOR ELECTRONIC BOARDS

2746L HELIOS 29



COMPATIBILITY
Plug-in electronic pcb studied for ELPRO 27/S40/7RP/XE control units.

MAIN FUNCTIONS
It allows, in the most cold environments (-40 °C), for the oil inside Fadini oil-hydraulic actuators to stay within its normal working temperature range. It is easy to select the temperature at which HELIOS 29 is activated by a trimmer on the board, using the thermostat integrated inside HELIOS 29. Complete with temperature probe with 5 m cable and connector. It is also possible to connect an external thermostat (optional accessory) to take the temperature at a distance from the HELIOS 29 card and therefore pilot the same.
Board size 50x110x160 mm. Probe size 60x67x70 mm.

7230L DUPCO 72

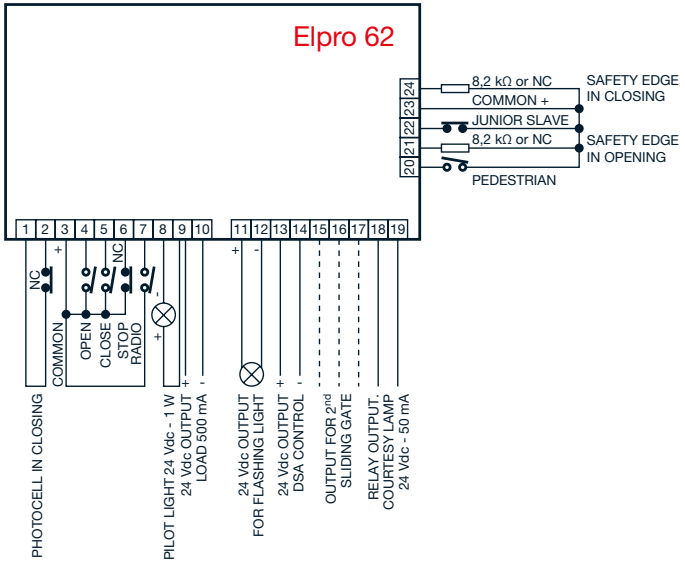


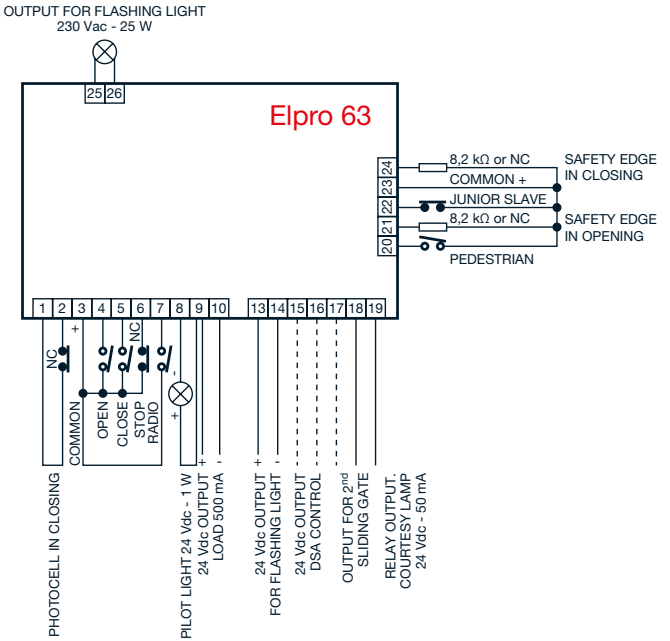
COMPATIBILITY
Electronic pcb studied for the entire range of ELPRO control units.

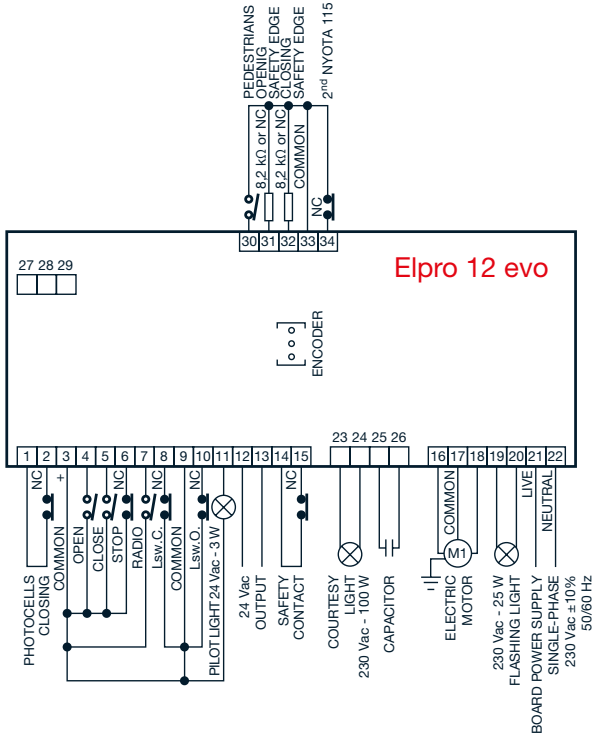
MAIN FUNCTIONS
By DUPCO 72 it is possible to get two dry output contacts by duplicating the single contact inputs of the limit switches. It is possible to connect to it up to two motor operators fitted with limit switches.
Board size 32x61x100 mm.

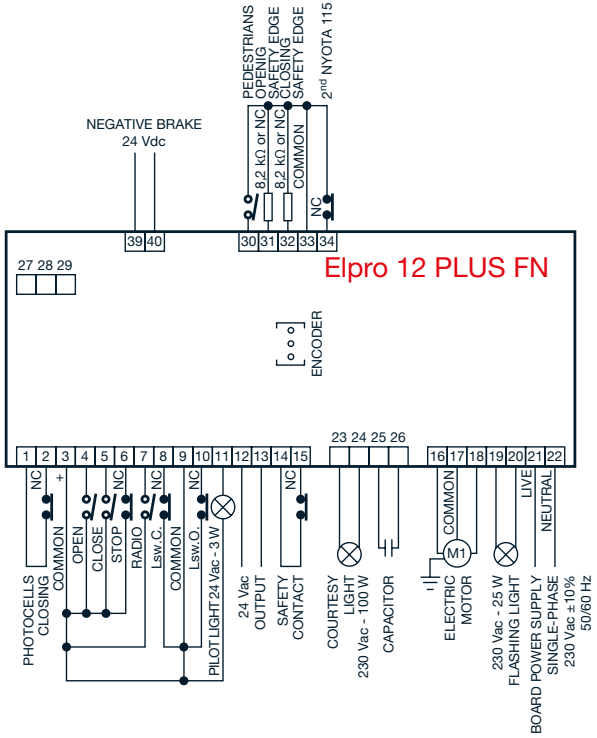
SPECIFIC ACCESSORIES

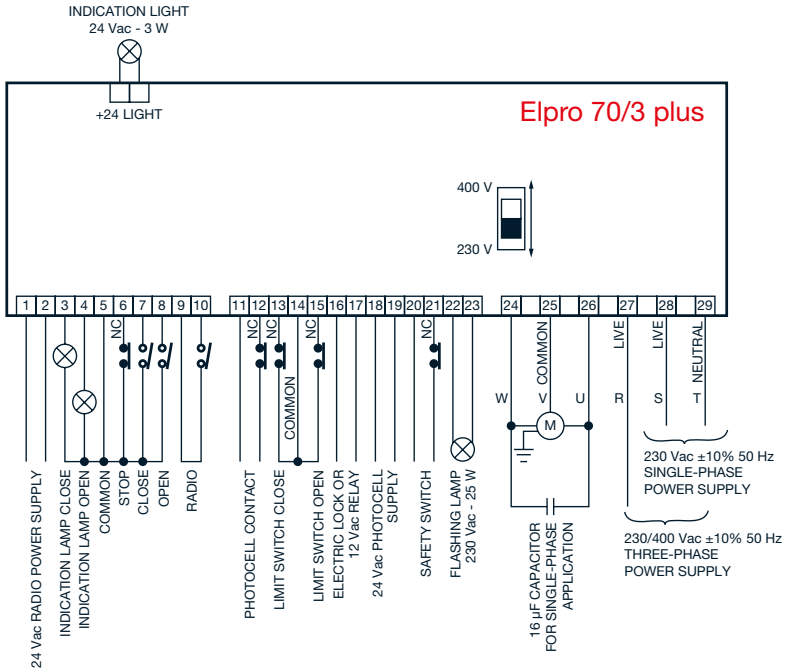
	CODE	DESCRIPTION
	**2729L**	Polycarbonate box for external applications, with hinged lid, for the ELPRO control units. Grade of protection IP 64. Dimensions of the box 210x295x110 mm
	**2731L**	Lockable door knob complete with front cover plate 48x48 mm, yellow-red and screws
	**2732L**	3-pole disconnector switch for door knob control
	**7062L**	Microprocessor for ELPRO control units
	**7282L**	Plug-in electronic card for traffic lights control, for the ELPRO control units (where applicable)

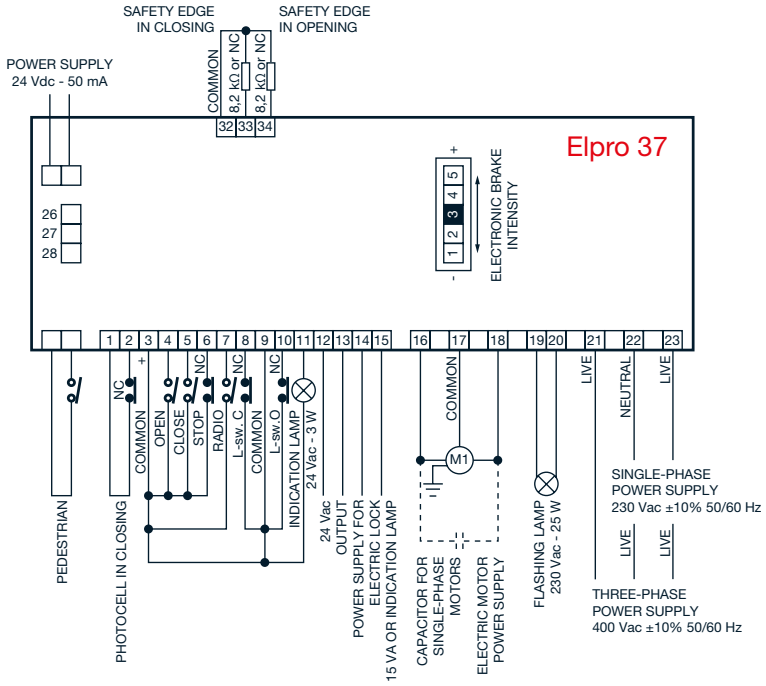

Elpro 62
8,2 kΩ or NC
COMMON +
JUNIOR SLAVE
8,2 kΩ or NC
PEDESTRIAN
SAFETY EDGE IN CLOSING
SAFETY EDGE IN OPENING
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
PHOTOCELL IN CLOSING
COMMON
OPEN
CLOSE
STOP
RADIO
PILOT LIGHT 24 Vdc - 1 W
24 Vdc OUTPUT
LOAD 500 mA
24 Vdc OUTPUT
FOR FLASHING LIGHT
24 Vdc OUTPUT
DSA CONTROL
OUTPUT FOR 2nd
SLIDING GATE
RELAY OUTPUT
COURTESY LAMP
24 Vdc - 50 mA

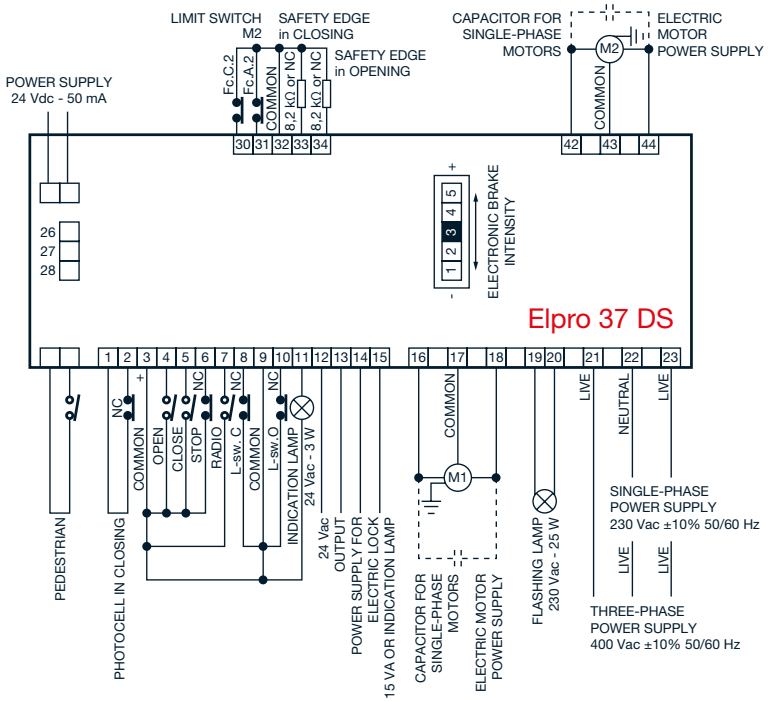

OUTPUT FOR FLASHING LIGHT
230 Vac - 25 W
25 26
Elpro 63
8,2 kΩ or NC
COMMON +
JUNIOR SLAVE
8,2 kΩ or NC
PEDESTRIAN
SAFETY EDGE IN CLOSING
SAFETY EDGE IN OPENING
1 2 3 4 5 6 7 8 9 10 13 14 15 16 17 18 19 20 21 22 23 24
PHOTOCELL IN CLOSING
COMMON
OPEN
CLOSE
STOP
RADIO
PILOT LIGHT 24 Vdc - 1 W
24 Vdc OUTPUT
LOAD 500 mA
24 Vdc OUTPUT
FOR FLASHING LIGHT
24 Vdc OUTPUT
DSA CONTROL
OUTPUT FOR 2nd
SLIDING GATE
RELAY OUTPUT
COURTESY LAMP
24 Vdc - 50 mA

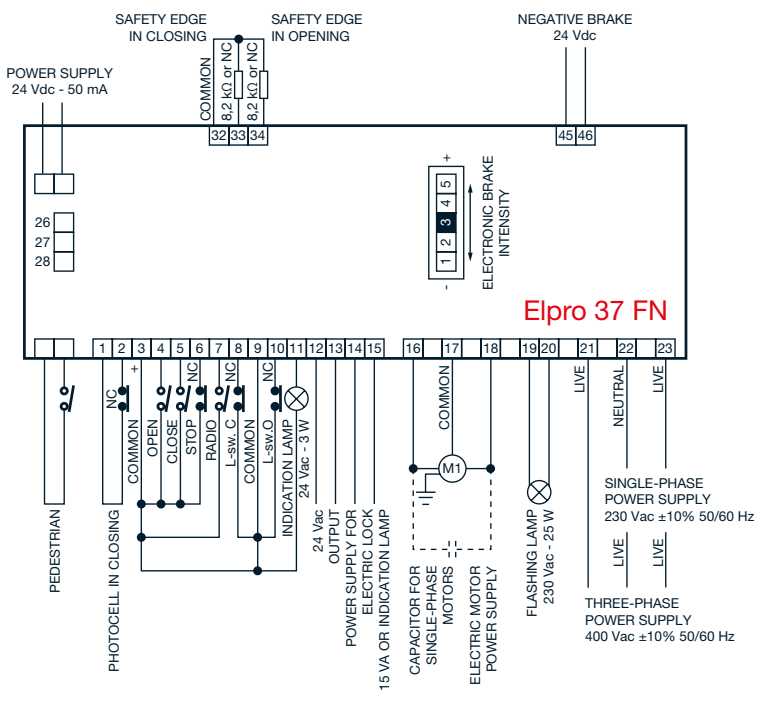

Elpro 12 evo
PEDESTRIANS OPENIG
SAFETY EDGE CLOSING
SAFETY EDGE
2nd NYOTA 115
8,2 kΩ or NC
8,2 kΩ or NC
COMMON
NC
30 31 32 33 34
27 28 29
ENCODER
23 24 25 26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
PHOTOCELLS CLOSING
COMMON
OPEN
CLOSE
STOP
RADIO
Lsw.C.
COMMON
Lsw.O.
PILOT LIGHT 24 Vac - 3 W
24 Vac OUTPUT
SAFETY CONTACT
COURTESY LIGHT 230 Vac - 100 W
CAPACITOR
ELECTRIC MOTOR
COMMON
M1
230 Vac - 25 W FLASHING LIGHT
BOARD POWER SUPPLY SINGLE-PHASE 230 Vac ±10% 50/60 Hz
LIVE
NEUTRAL

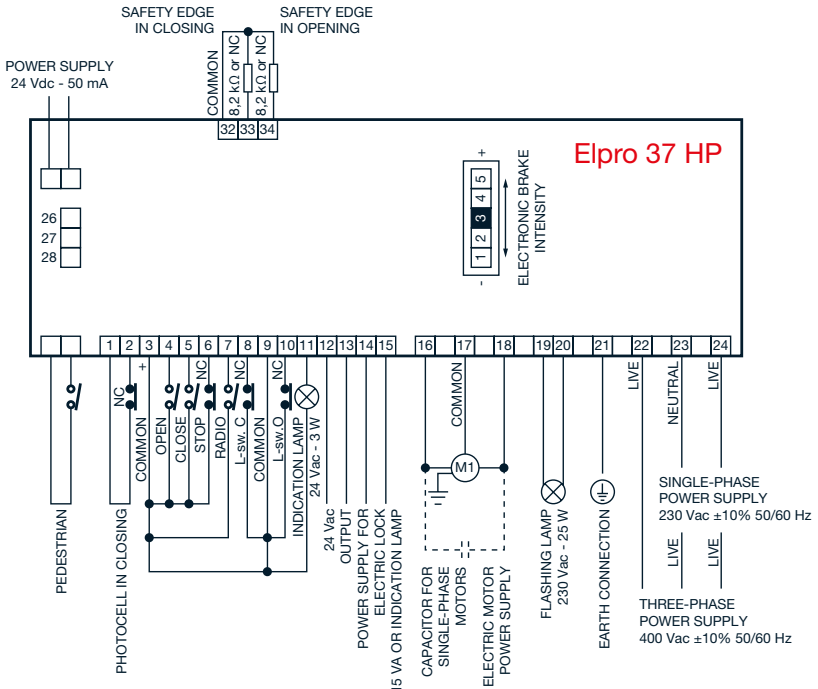

NEGATIVE BRAKE
24 Vdc
39 40
PEDESTRIANS OPENIG
SAFETY EDGE CLOSING
SAFETY EDGE
2nd NYOTA 115
8,2 kΩ or NC
8,2 kΩ or NC
COMMON
NC
30 31 32 33 34
Elpro 12 PLUS FN
27 28 29
ENCODER
23 24 25 26
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22
PHOTOCELLS CLOSING
COMMON
OPEN
CLOSE
STOP
RADIO
Lsw.C.
COMMON
Lsw.O.
PILOT LIGHT 24 Vac - 3 W
24 Vac OUTPUT
SAFETY CONTACT
COURTESY LIGHT 230 Vac - 100 W
CAPACITOR
ELECTRIC MOTOR
COMMON
M1
230 Vac - 25 W FLASHING LIGHT
BOARD POWER SUPPLY SINGLE-PHASE 230 Vac ±10% 50/60 Hz
LIVE
NEUTRAL

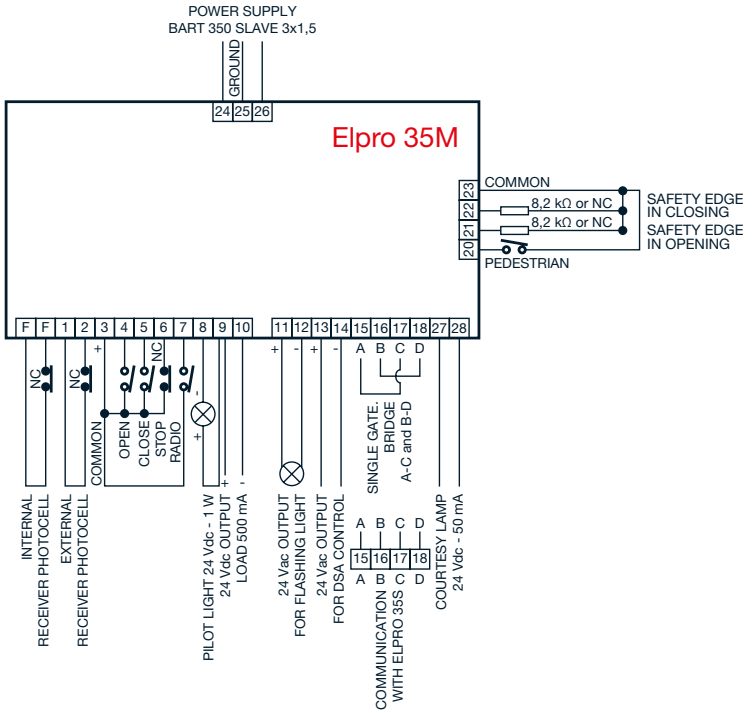

INDICATION LIGHT
24 Vac - 3 W
+24 LIGHT
Elpro 70/3 plus
400 V
230 V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
24 Vac RADIO POWER SUPPLY
INDICATION LAMP CLOSE
INDICATION LAMP OPEN
COMMON
STOP
CLOSE
OPEN
RADIO
PHOTOCELL CONTACT
LIMIT SWITCH CLOSE
LIMIT SWITCH OPEN
ELECTRIC LOCK OR 12 Vac RELAY
24 Vac PHOTOCELL SUPPLY
SAFETY SWITCH
FLASHING LAMP 230 Vac - 25 W
16 µF CAPACITOR FOR SINGLE-PHASE APPLICATION
W V U
R S T
230 Vac ±10% 50 Hz SINGLE-PHASE POWER SUPPLY
230/400 Vac ±10% 50 Hz THREE-PHASE POWER SUPPLY
NC
COMMON
LIVE
NEUTRAL

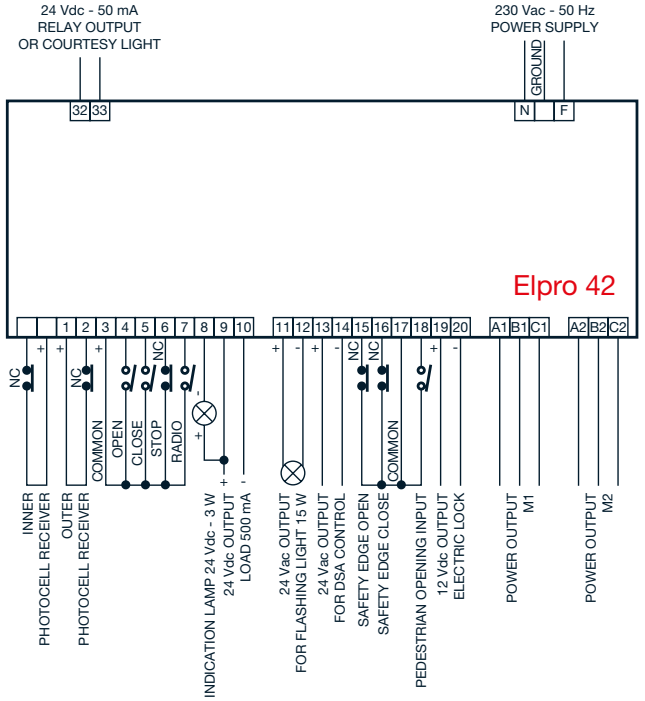

SAFETY EDGE IN CLOSING
SAFETY EDGE IN OPENING
POWER SUPPLY 24 Vdc - 50 mA
COMMON
8.2 kΩ or NC
8.2 kΩ or NC
32 33 34
Elpro 37
26 27 28
1 2 3 4 5
ELECTRONIC BRAKE INTENSITY
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
PEDESTRIAN
PHOTOCELL IN CLOSING
COMMON
OPEN
CLOSE
STOP
RADIO
L-sw. C
L-sw. O
INDICATION LAMP 24 Vac - 3 W
24 Vac OUTPUT
POWER SUPPLY FOR ELECTRIC LOCK
15 VA OR INDICATION LAMP
CAPACITOR FOR SINGLE-PHASE MOTORS
ELECTRIC MOTOR POWER SUPPLY
FLASHING LAMP 230 Vac - 25 W
SINGLE-PHASE POWER SUPPLY 230 Vac ±10% 50/60 Hz
THREE-PHASE POWER SUPPLY 400 Vac ±10% 50/60 Hz
LIVE
NEUTRAL

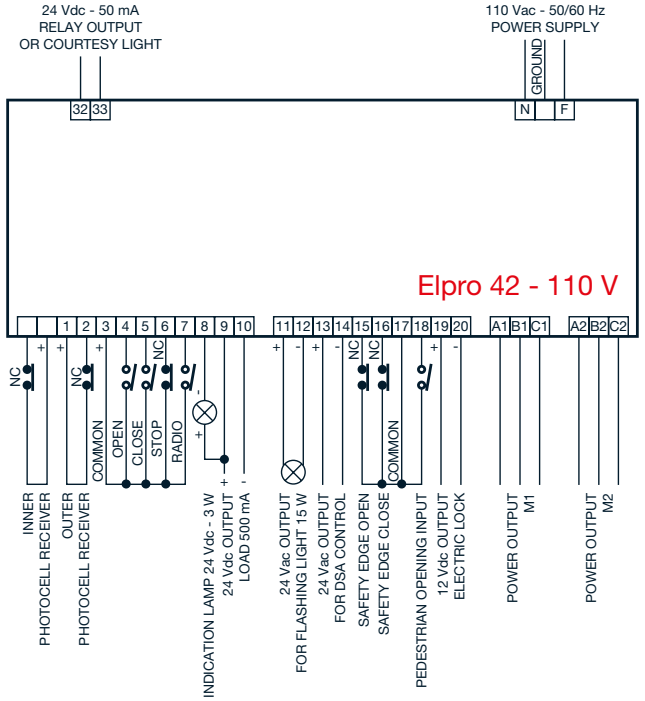

LIMIT SWITCH M2
SAFETY EDGE in CLOSING
SAFETY EDGE in OPENING
CAPACITOR FOR SINGLE-PHASE MOTORS
ELECTRIC MOTOR POWER SUPPLY
POWER SUPPLY 24 Vdc - 50 mA
Fc.C.2
Fc.A.2
COMMON
8.2 kΩ or NC
8.2 kΩ or NC
30 31 32 33 34
42 43 44
26 27 28
1 2 3 4 5
ELECTRONIC BRAKE INTENSITY
Elpro 37 DS
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
PEDESTRIAN
PHOTOCELL IN CLOSING
NC
COMMON
OPEN
CLOSE
STOP
RADIO
L-sw. C
L-sw. O
INDICATION LAMP 24 Vac - 3 W
24 Vac OUTPUT
POWER SUPPLY FOR ELECTRIC LOCK
15 VA OR INDICATION LAMP
CAPACITOR FOR SINGLE-PHASE MOTORS
ELECTRIC MOTOR POWER SUPPLY
FLASHING LAMP 230 Vac - 25 W
SINGLE-PHASE POWER SUPPLY 230 Vac ±10% 50/60 Hz
THREE-PHASE POWER SUPPLY 400 Vac ±10% 50/60 Hz
LIVE
NEUTRAL

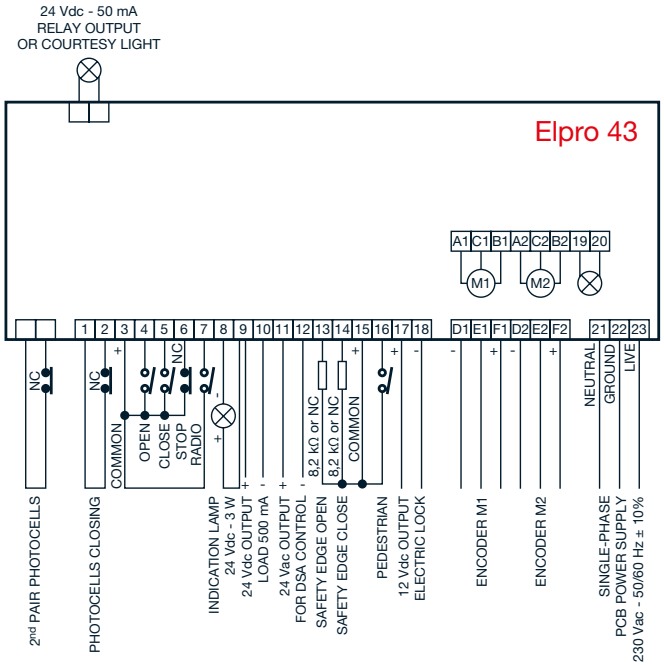

SAFETY EDGE IN CLOSING
SAFETY EDGE IN OPENING
NEGATIVE BRAKE 24 Vdc
POWER SUPPLY 24 Vdc - 50 mA
COMMON
8.2 kΩ or NC
8.2 kΩ or NC
32 33 34
45 46
26 27 28
1 2 3 4 5
ELECTRONIC BRAKE INTENSITY
Elpro 37 FN
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23
PEDESTRIAN
PHOTOCELL IN CLOSING
NC
COMMON
OPEN
CLOSE
STOP
RADIO
L-sw. C
L-sw. O
INDICATION LAMP 24 Vac - 3 W
24 Vac OUTPUT
POWER SUPPLY FOR ELECTRIC LOCK
15 VA OR INDICATION LAMP
CAPACITOR FOR SINGLE-PHASE MOTORS
ELECTRIC MOTOR POWER SUPPLY
FLASHING LAMP 230 Vac - 25 W
SINGLE-PHASE POWER SUPPLY 230 Vac ±10% 50/60 Hz
THREE-PHASE POWER SUPPLY 400 Vac ±10% 50/60 Hz
LIVE
NEUTRAL

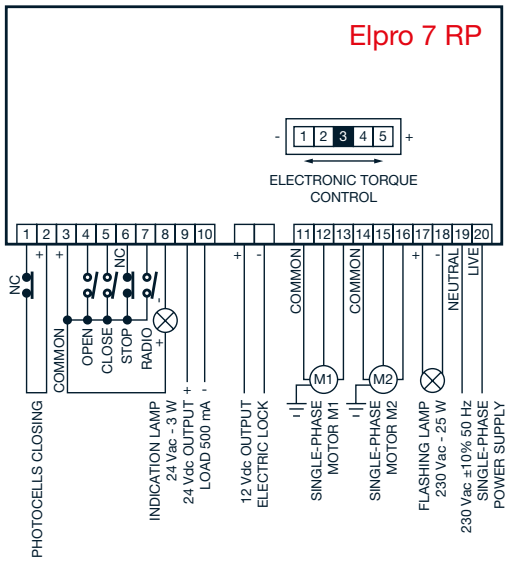

Elpro 37 HP
SAFETY EDGE IN CLOSING
SAFETY EDGE IN OPENING
POWER SUPPLY 24 Vdc - 50 mA
COMMON
8,2 kΩ or NC
8,2 kΩ or NC
32 33 34
26
27
28
1 2 3 4 5
ELECTRONIC BRAKE INTENSITY
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
PEDESTRIAN
PHOTOCELL IN CLOSING
NC
COMMON
OPEN
CLOSE
STOP
RADIO
L-sw. C
L-sw.O
INDICATION LAMP 24 Vac - 3 W
24 Vac OUTPUT
POWER SUPPLY FOR ELECTRIC LOCK
15 VA OR INDICATION LAMP
CAPACITOR FOR SINGLE-PHASE MOTORS
M1
ELECTRIC MOTOR POWER SUPPLY
FLASHING LAMP 230 Vac - 25 W
EARTH CONNECTION
LIVE
NEUTRAL
LIVE
SINGLE-PHASE POWER SUPPLY 230 Vac ±10% 50/60 Hz
LIVE
LIVE
THREE-PHASE POWER SUPPLY 400 Vac ±10% 50/60 Hz

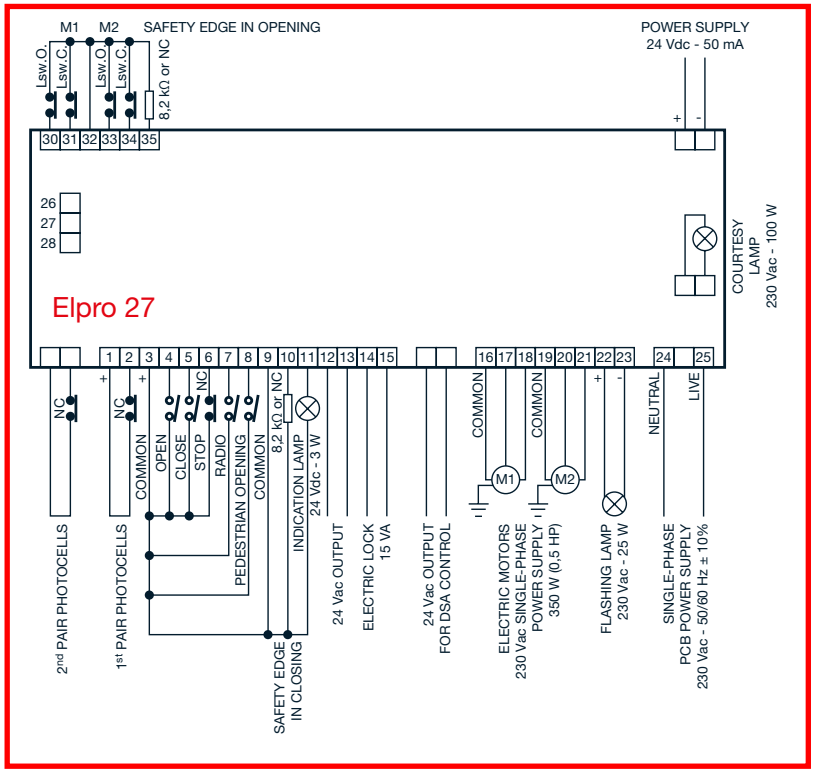

Elpro 35M
POWER SUPPLY BART 350 SLAVE 3x1,5
GROUND
24 25 26
COMMON
8,2 kΩ or NC
8,2 kΩ or NC
SAFETY EDGE IN CLOSING
SAFETY EDGE IN OPENING
PEDESTRIAN
20 21 22 23
F F 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 27 28
INTERNAL RECEIVER PHOTOCELL
EXTERNAL RECEIVER PHOTOCELL
COMMON
OPEN
CLOSE
STOP
RADIO
PILOT LIGHT 24 Vdc - 1 W
24 Vdc OUTPUT LOAD 500 mA
24 Vac OUTPUT FOR FLASHING LIGHT
24 Vac OUTPUT FOR DSA CONTROL
SINGLE GATE. BRIDGE A-C and B-D
A B C D
COMMUNICATION WITH ELPRO 35S
15 16 17 18
A B C D
COURTESY LAMP 24 Vdc - 50 mA

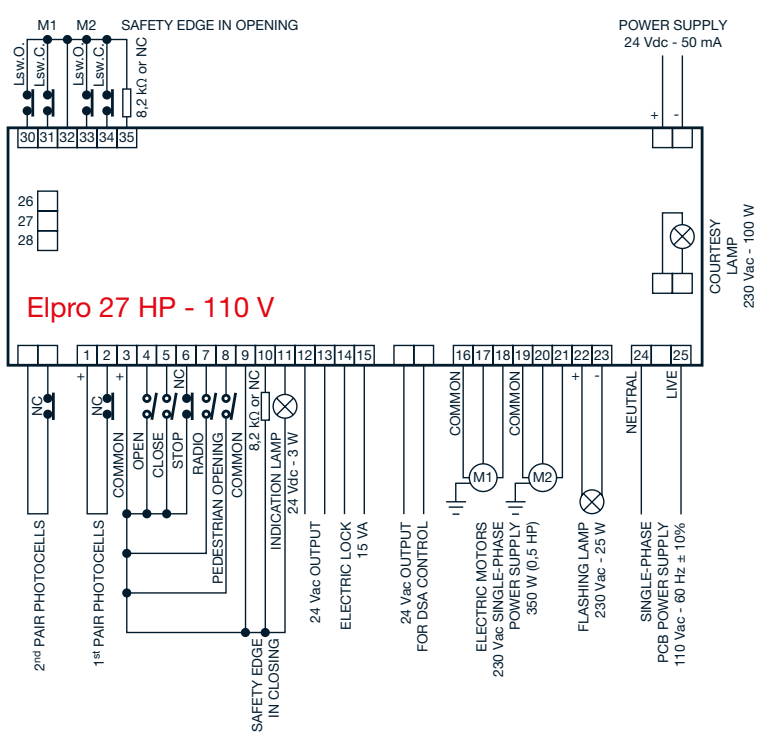

Elpro 42
24 Vdc - 50 mA RELAY OUTPUT OR COURTESY LIGHT
230 Vac - 50 Hz POWER SUPPLY
32 33
GROUND
N F
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 A1 B1 C1 A2 B2 C2
INNER PHOTOCELL RECEIVER
OUTER PHOTOCELL RECEIVER
COMMON
OPEN
CLOSE
STOP
RADIO
INDICATION LAMP 24 Vdc - 3 W
24 Vdc OUTPUT LOAD 500 mA
24 Vac OUTPUT FOR FLASHING LIGHT 15 W
24 Vac OUTPUT FOR DSA CONTROL
SAFETY EDGE OPEN
SAFETY EDGE CLOSE
PEDESTRIAN OPENING INPUT
12 Vdc OUTPUT ELECTRIC LOCK
POWER OUTPUT M1
POWER OUTPUT M2


Elpro 42 - 110 V
24 Vdc - 50 mA RELAY OUTPUT OR COURTESY LIGHT
110 Vac - 50/60 Hz POWER SUPPLY
32 33
GROUND
N F
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 A1 B1 C1 A2 B2 C2
INNER PHOTOCELL RECEIVER
OUTER PHOTOCELL RECEIVER
COMMON
OPEN
CLOSE
STOP
RADIO
INDICATION LAMP 24 Vdc - 3 W
24 Vdc OUTPUT LOAD 500 mA
24 Vac OUTPUT FOR FLASHING LIGHT 15 W
24 Vac OUTPUT FOR DSA CONTROL
SAFETY EDGE OPEN
SAFETY EDGE CLOSE
PEDESTRIAN OPENING INPUT
12 Vdc OUTPUT ELECTRIC LOCK
POWER OUTPUT M1
POWER OUTPUT M2

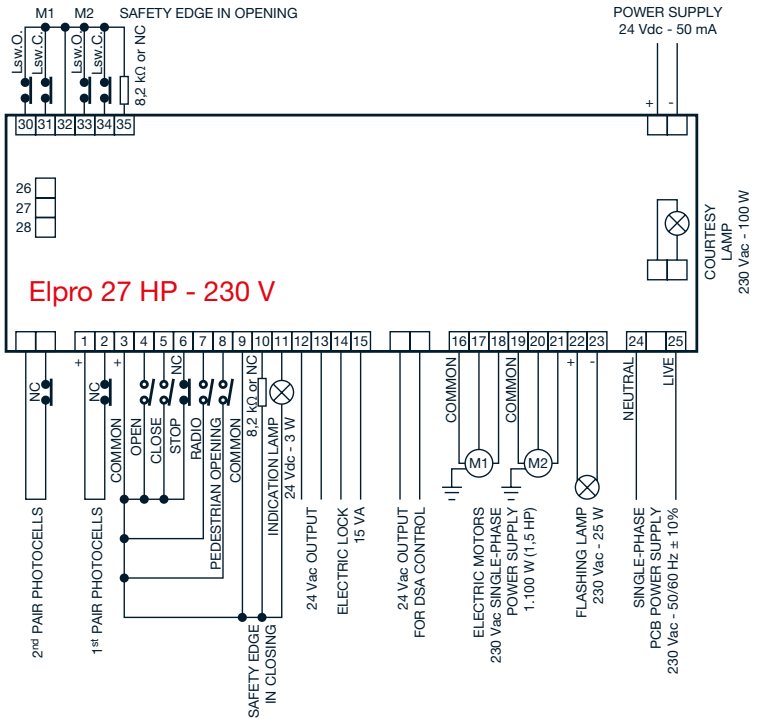

24 Vdc - 50 mA
RELAY OUTPUT
OR COURTESY LIGHT
Elpro 43
A1 C1 B1 A2 C2 B2 19 20
M1
M2
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
D1 E1 F1 D2 E2 F2
21 22 23
NC
COMMON
OPEN
CLOSE
STOP
RADIO
8,2 kΩ or NC
NEUTRAL
GROUND
LIVE
2nd PAIR PHOTOCELLS
PHOTOCELLS CLOSING
INDICATION LAMP
24 Vdc - 3 W
24 Vdc OUTPUT
LOAD 500 mA
24 Vac OUTPUT
FOR DSA CONTROL
SAFETY EDGE OPEN
SAFETY EDGE CLOSE
PEDESTRIAN
12 Vdc OUTPUT
ELECTRIC LOCK
ENCODER M1
ENCODER M2
SINGLE-PHASE
PCB POWER SUPPLY
230 Vac - 50/60 Hz ± 10%


Elpro 7 RP
1 2 3 4 5 6 7 8 9 10
11 12 13 14 15 16 17 18 19 20
ELECTRONIC TORQUE
CONTROL
NC
COMMON
OPEN
CLOSE
STOP
RADIO
M1
M2
PHOTOCELLS CLOSING
INDICATION LAMP
24 Vac - 3 W
24 Vdc OUTPUT
LOAD 500 mA
12 Vdc OUTPUT
ELECTRIC LOCK
SINGLE-PHASE
MOTOR M1
MOTOR M2
FLASHING LAMP
230 Vac - 25 W
230 Vac ±10% 50 Hz
SINGLE-PHASE
POWER SUPPLY

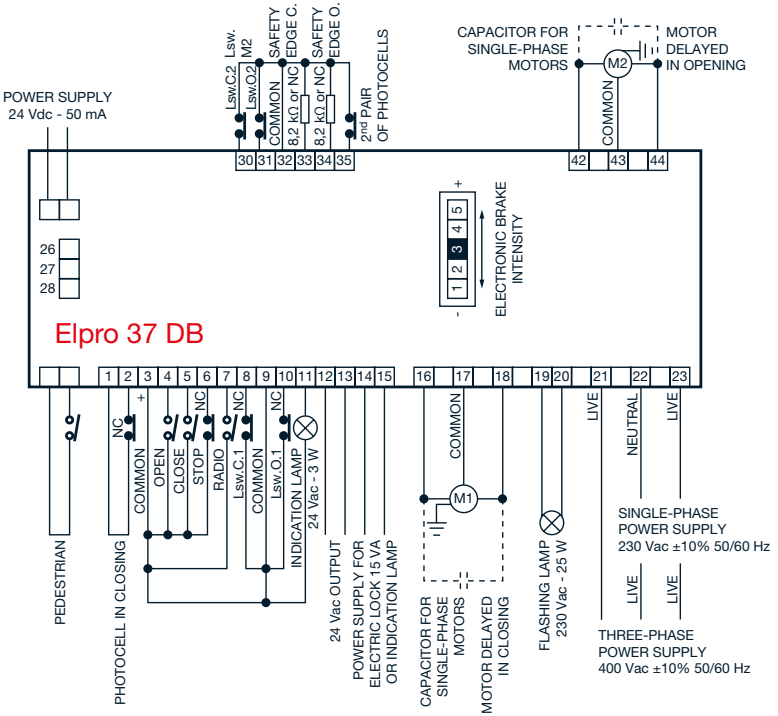

M1 M2 SAFETY EDGE IN OPENING
POWER SUPPLY
24 Vdc - 50 mA
Lsw.O.
Lsw.C.
8,2 kΩ or NC
30 31 32 33 34 35
26
27
28
COURTESY
LAMP
230 Vac - 100 W
Elpro 27
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23
24 25
NC
COMMON
OPEN
CLOSE
STOP
RADIO
PEDESTRIAN OPENING
8,2 kΩ or NC
INDICATION LAMP
24 Vdc - 3 W
24 Vac OUTPUT
ELECTRIC LOCK
15 VA
M1
M2
NEUTRAL
LIVE
2nd PAIR PHOTOCELLS
1st PAIR PHOTOCELLS
SAFETY EDGE
IN CLOSING
24 Vac OUTPUT
FOR DSA CONTROL
ELECTRIC MOTORS
230 Vac SINGLE-PHASE
POWER SUPPLY
350 W (0,5 HP)
FLASHING LAMP
230 Vac - 25 W
SINGLE-PHASE
PCB POWER SUPPLY
230 Vac - 50/60 Hz ± 10%


M1 M2 SAFETY EDGE IN OPENING
POWER SUPPLY
24 Vdc - 50 mA
Lsw.O.
Lsw.C.
8,2 kΩ or NC
30 31 32 33 34 35
26
27
28
COURTESY
LAMP
230 Vac - 100 W
Elpro 27 HP - 110 V
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23
24 25
NC
COMMON
OPEN
CLOSE
STOP
RADIO
PEDESTRIAN OPENING
8,2 kΩ or NC
INDICATION LAMP
24 Vdc - 3 W
24 Vac OUTPUT
ELECTRIC LOCK
15 VA
M1
M2
NEUTRAL
LIVE
2nd PAIR PHOTOCELLS
1st PAIR PHOTOCELLS
SAFETY EDGE
IN CLOSING
24 Vac OUTPUT
FOR DSA CONTROL
ELECTRIC MOTORS
230 Vac SINGLE-PHASE
POWER SUPPLY
350 W (0,5 HP)
FLASHING LAMP
230 Vac - 25 W
SINGLE-PHASE
PCB POWER SUPPLY
110 Vac - 60 Hz ± 10%

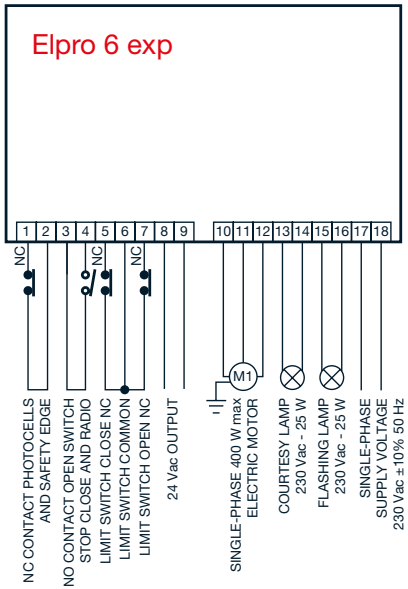
Elpro 27 HP - 230 V



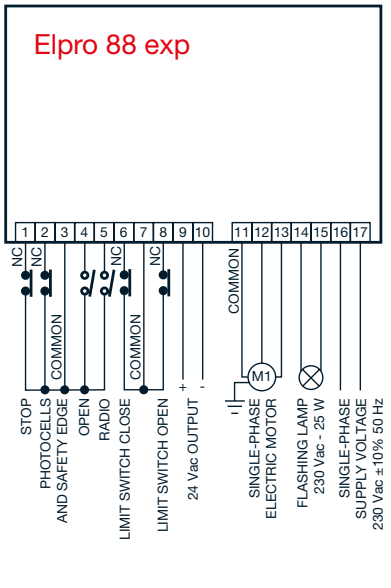
Elpro 37 DB

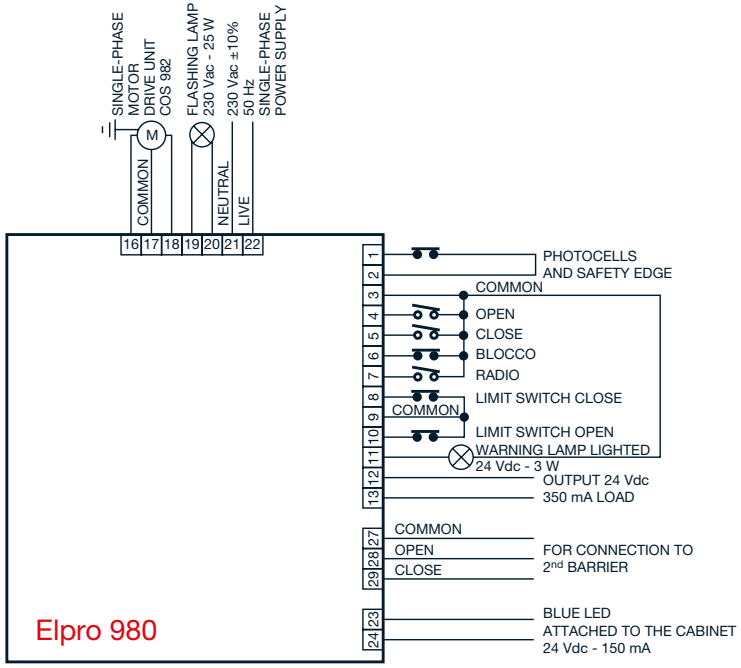


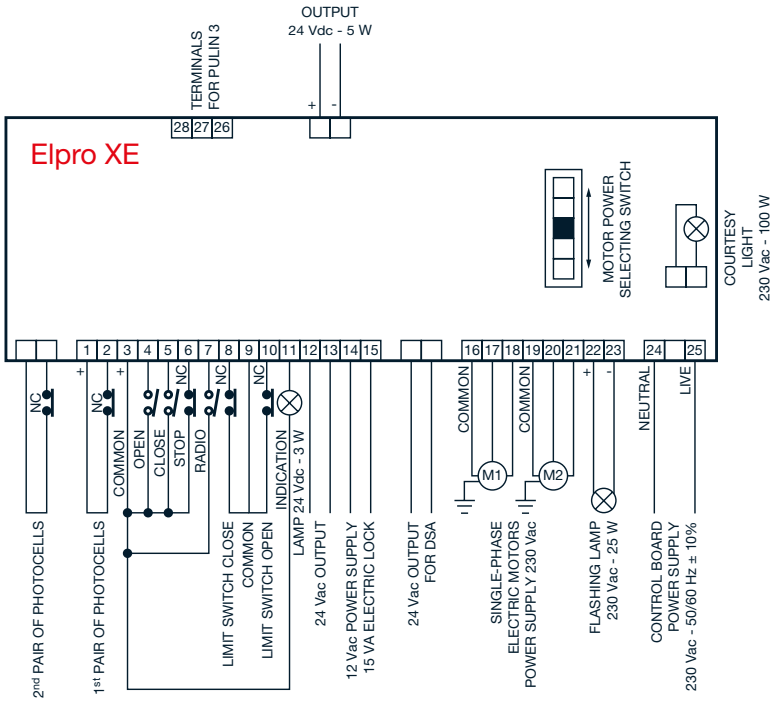
Elpro 6 exp



Elpro 88 exp




SINGLE-PHASE MOTOR DRIVE UNIT COS 982
FLASHING LAMP 230 Vac - 25 W
230 Vac ±10% 50 Hz SINGLE-PHASE POWER SUPPLY
COMMON
NEUTRAL
LIVE
16 17 18 19 20 21 22
1 2 3 4 5 6 7 8 9 10 11 12 13
PHOTOCELLS AND SAFETY EDGE
COMMON
OPEN
CLOSE
BLOCCO
RADIO
LIMIT SWITCH CLOSE
COMMON
LIMIT SWITCH OPEN
WARNING LAMP LIGHTED 24 Vdc - 3 W
OUTPUT 24 Vdc 350 mA LOAD
27 28 29
COMMON
OPEN
CLOSE
FOR CONNECTION TO 2nd BARRIER
23 24
BLUE LED ATTACHED TO THE CABINET 24 Vdc - 150 mA
Elpro 980


OUTPUT 24 Vdc - 5 W
TERMINALS FOR PULIN 3
28 27 26
Elpro XE
MOTOR POWER SELECTING SWITCH
COURTESY LIGHT 230 Vac - 100 W
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
16 17 18 19 20 21 22 23
24 25
NC
COMMON
OPEN
CLOSE
STOP
RADIO
INDICATION
LAMP 24 Vdc - 3 W
M1
M2
NEUTRAL
LIVE
2nd PAIR OF PHOTOCELLS
1st PAIR OF PHOTOCELLS
LIMIT SWITCH CLOSE
LIMIT SWITCH OPEN
24 Vac OUTPUT
12 Vac POWER SUPPLY 15 VA ELECTRIC LOCK
24 Vac OUTPUT FOR DSA
SINGLE-PHASE ELECTRIC MOTORS POWER SUPPLY 230 Vac
FLASHING LAMP 230 Vac - 25 W
CONTROL BOARD POWER SUPPLY 230 Vac - 50/60 Hz ± 10%