

SHORT / CUTS

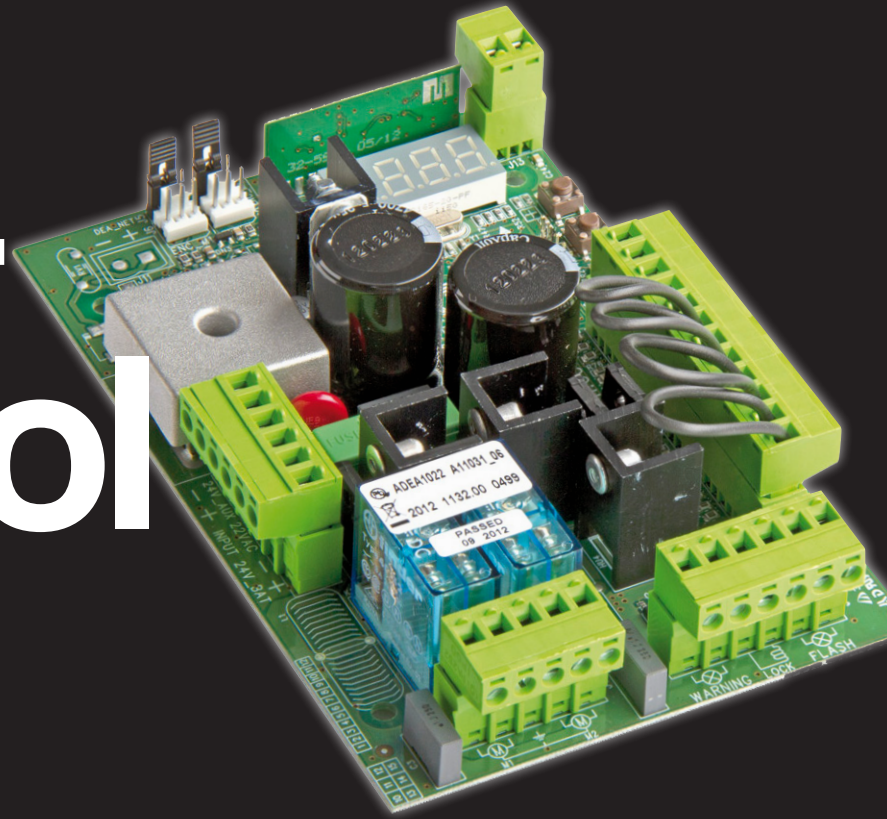
An Introduction to

DEA

NET24 CONTROL BOARD

MADE IN-HOUSE,
IN ITALY,
BY **DEA**

net24 control board



70+ operating parameters e.g.

- force
- open + close speed
- slowdown duration
- auto-close delay

1 BOARD

**For All 24V Motors
For All Gates, Industrial
Doors & Boom Gates**

EASY

**Self-Learning
Procedure.**

VERSATILE

**Can be retro-fitted to
other brand motors**

Understanding The Manual

section title

parameter
description

parameter
option

slide

swing

	PAR.	SETTABLE VALUES	SETTABLE VALUES		DEFAULT VALUES (for different standards of installation)				
					TYPE 00	TYPE 01	TYPE 02	TYPE 03	
INPUTS CONFIGURATION PARAMETERS	016	INPUT_3 selectioning input type	• 000: IN3 type=free contact • 001: IN3 type=constant resistance 8K2		000	000	000	000	
	017	INPUT_1 operating selection	• 000: NONE (unused parameter) • 001: START (start) • 002: PED. (pedestrian) • 003: OPEN (separated open) • 004: CLOSE (separated close) • 005: OPEN_PM (man present open) • 006: CLOSE_PM (man present close) • 007: ELOCK-IN (electric-lock activation. See P062) • 008: PHOTO 1 (photocell 1) • 009: PHOTO 2 (photocell 2) • 010: SAFETY 1 (safety rib 1) • 011: STOP (lock) • 012: FCA1 (opening limit switches Mot1) • 013: FCA2 (opening limit switches Mot2) • 014: FCC1 (closing limit switches Mot1) • 015: FCC2 (closing limit switches Mot2) • 016: SAFETY 2 (safety rib 2) • 017: OPEN_INT (with NET_EXP only) • 018: OPEN_EXT (with NET_EXP only) • 019: AUX_IN (with NET_EXP only)		IN1	001	001	001	001
	018	INPUT_2 operating selection			IN2	002	002	008	008
	019	INPUT_3 operating selection			IN3	010	010	010	000
	020	INPUT_4 operating selection			IN4	008	008	011	000
	021	INPUT_5 operating selection			IN5	012	009	000	000
	022	INPUT_6 operating selection			IN6	014	011	000	000
INPUTS CONFIGURATION PARAMETERS	023	Allocation of CHANNEL 1 of remotes	• 000: NONE (unused parameter) • 001: START (start) • 002: PEDESTRIAN (pedestrian) • 003: OPEN (separated open) • 004: CLOSED (separated close) • 005: OPEN_PM (man present open) • 006: CLOSED_PM (man present close) • 007: ELOCK-IN (electric-lock activation. See P062) • 008: AUX_IN (with NET_EXP only)		CH1	001	001	001	001
	024	Allocation of CHANNEL 2 of remotes			CH2	000	000	000	000
	025	Allocation of CHANNEL 3 of remotes			CH3	000	000	000	000
	026	Allocation of CHANNEL 4 of remotes			CH4	000	000	000	000
	027	Selection of type of remotes	• 000: HCS fix-code • 001: HCS rolling-code • 002: Dip-switch		000	000	000	000	
OPERATORS CONFIGURATION PARAMETERS	028	Selection type of operators	• 000: GEKO - ANGOLO • 001: LOOK - MAC • 002: GHOST 100/200 • 003: 500 - 502 - 902 - PASS - 550PL	• 004: STOP • 005: LVI 5/24 • 006: LVI 8/24 • 007: GULLIVER - REV	005	000	003	003	
	029	Selected work with or without encoders. CAUTION: Remember to correctly set the jumpers J5 and J9 (see table 1) WARNING: J5, J9 and P029 must be set correctly before performing the procedure for programming	• 000: motors with encoder • 001: engines without encoder		001	001	000	000	
	030	Selectioning operators number	• 001: one operator • 002: two operators		001	002	001	001	
OPERATING PARAMETERS	031	Operators speed adjustment during slow-down while opening	15%tot.....100%tot		040	050	050	030	
	032	Operators speed adjustment during the stroke while opening	15%tot.....100%tot		100	100	100	100	
	033	Operators speed adjustment during the stroke while closing	15%tot.....100%tot		100	100	100	100	
	034	Operators speed adjustment during slow-down while closing	15%tot.....100%tot		040	050	050	030	
	035	Slow down duration adjustment while opening	5%tot.....80%to		025	020	020	030	
	036	Slow down duration adjustment while closing	5%tot.....80%tot		025	020	020	030	
	037	Operator 1 force adjustment while opening (if = 100% obstacle detection deactivated)	15%tot.....100%tot		050	050	050	099	
	038	Operator n.1 force adjustment while closing (if = 100% obstacle detection deactivated)	15%tot.....100%tot		050	050	050	099	
	039	Operator n.2 force adjustment while opening (if = 100% obstacle detection deactivated)	15%tot.....100%tot		/	050	/	099	
	040	Operator n.2 force adjustment while closing (if = 100% obstacle detection deactivated)	15%tot.....100%tot		/	050	/	099	
	041	Automatic closing times adjustment (if = 0 automatic closing deactivated)	0sec.....255sec		000	000	000	000	
	042	Pedestrian automatic closing time adjustment (se = 0 pedestrian automatic closing deactivated)	0sec.....255sec		000	000	000	000	
	043	Pedestrian stroke duration adjustment	5%tot.....100%tot		030	035	035	100	
	044	Pre-flashing time adjustment	0sec.....10sec		000	000	000	000	
	045	Adjustment of phase displacement time while opening	0sec.....30sec		/	001	/	/	
	046	Adjustment of phase displacement time while closing	0sec.....30sec		/	003	/	/	
	047	Collectivity function: if it is activated it deactivates both opening and closing inputs for the whole duration of automatic opening and closing	• 000: "collectivity function" deactivated • 001: "collectivity function" activated		000	000	000	000	

NET24N

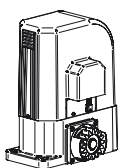
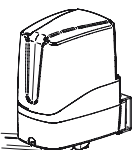
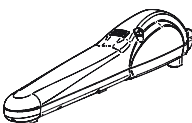
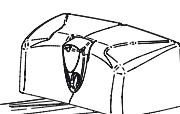
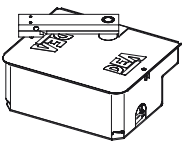
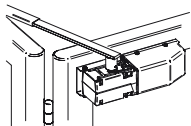
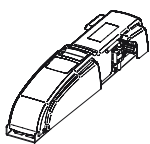
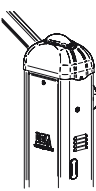
2 PRODUCT DESCRIPTION

NET24N is a universal control panel for **DEA** System 1 or 2 24V operators automations with or without encoder.
The main feature of this control board is its ease of configuration of inputs and outputs according to any needs thus ensuring adaptability to any type of automation. It is therefore easy to set up and exclude all unnecessary functions.

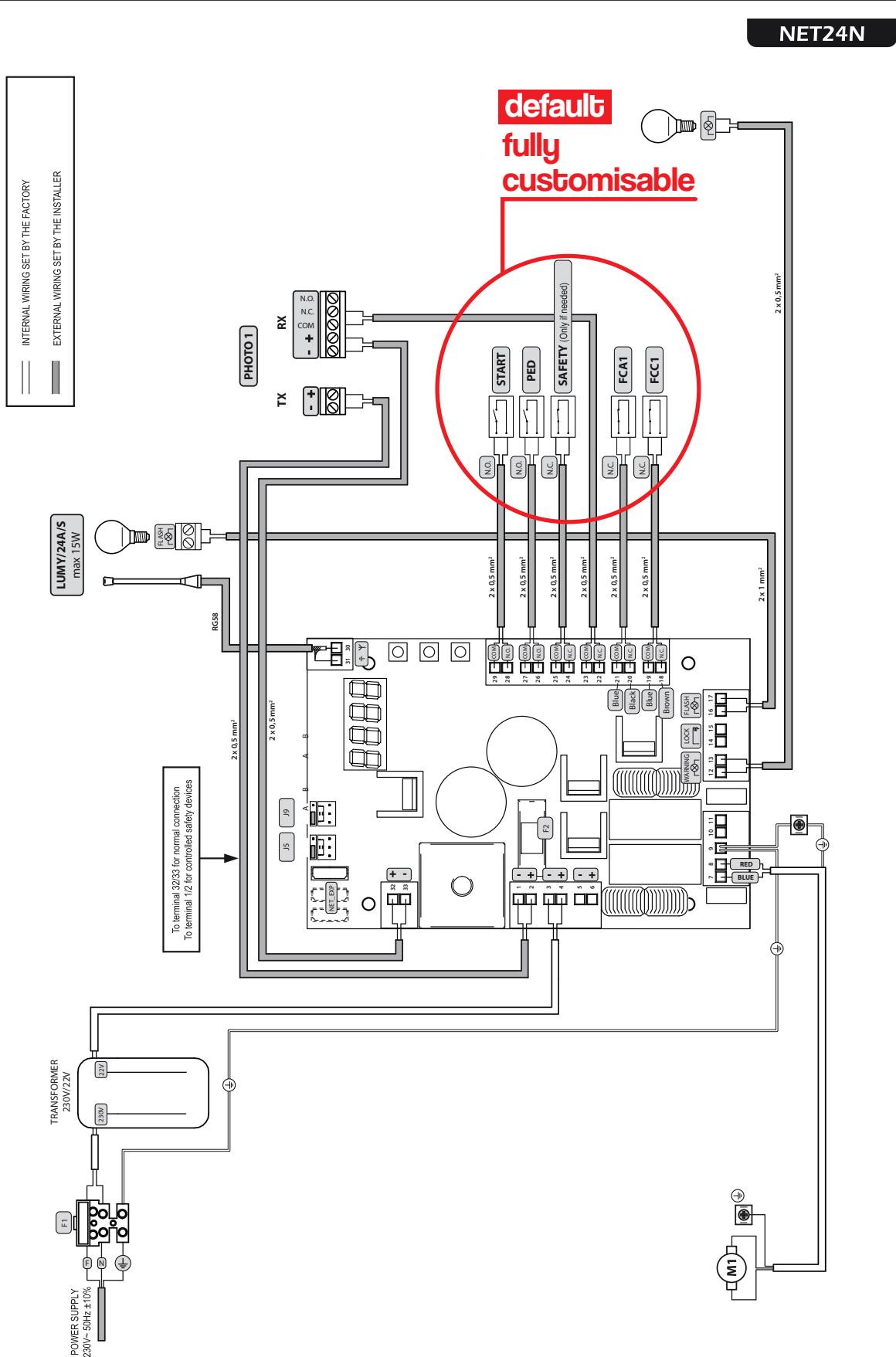
3 TECHNICAL DATA

	TYPE 00				TYPE 01		TYPE 02	TYPE 03		
	LOLUX	FAST24V	REV	CHARGER	SWINGER	ANGOLO Ghost 100/200 LOOK - MAC LIVI 500/502 550PL	Livi 902/24 Livi 905/24	PASS	STOP	
									4÷5 mt	≥ 6 mt
Power supply (V)	230 V ~ ±10% (50/60 Hz)									
Rated power transformer (VA)	80 VA (230/22V)		250 VA (230/22V)		120 VA (230/22V)	150 VA (230/22V)			150 VA (230/22V)	250 VA* (230/22V)
Fuse F2 (A) (transformer)	1A		2A						3,15A*	
Batteries	2x 12V 1,3A		2x 12V 4A		2x 12V 1,3A			2x 12V 4A		
Fuse F1 (A) (batteries input)	15A									
Outputs 24V motors (maximum output current) (A)	1x 5A	1x 10A		2x 5A				2x 5A	2x 7A*	
Warning: The above values are calculated by taking the maximum power supplied by the respective processors. In absolute terms, the maximum current from each output must not exceed 10A.										
Auxiliaries power supply output	24 V === (24V_AUX + 24V_ST = max 200mA)									
Stabilized power supply output for safety devices										
“Warning” output	+24 V === max 15 W									
Electric lock output	24V === max 5W or max 1 art. 110									
Flashing light output	24 V === max 15W									
Operating temperature range (°C)	-20÷50 °C									
Receiver frequency	433,92 MHz									
Transmitters type of coding	HCS fix-code - HCS rolling code - Dip-switch									
Max remote controllers managed	100									
* Values for STOP with boom ≥ 6 mt.										

NET24N SUITS THESE DEA OPERATORS

				
Lolux / Fast24V / Charger / Rev	Swinger	Look - Mac	Livi 500 - Livi 502	Ghost 100 - Ghost 200
			* If you are not using DEA operators, set the parameter "Selection type of operator" to the closer value as family type and performances.	
Livi 550PL	Livi 902/24 Livi 905/24	Pass - Stop		

sliding gate wiring diagram





downee.com.au

