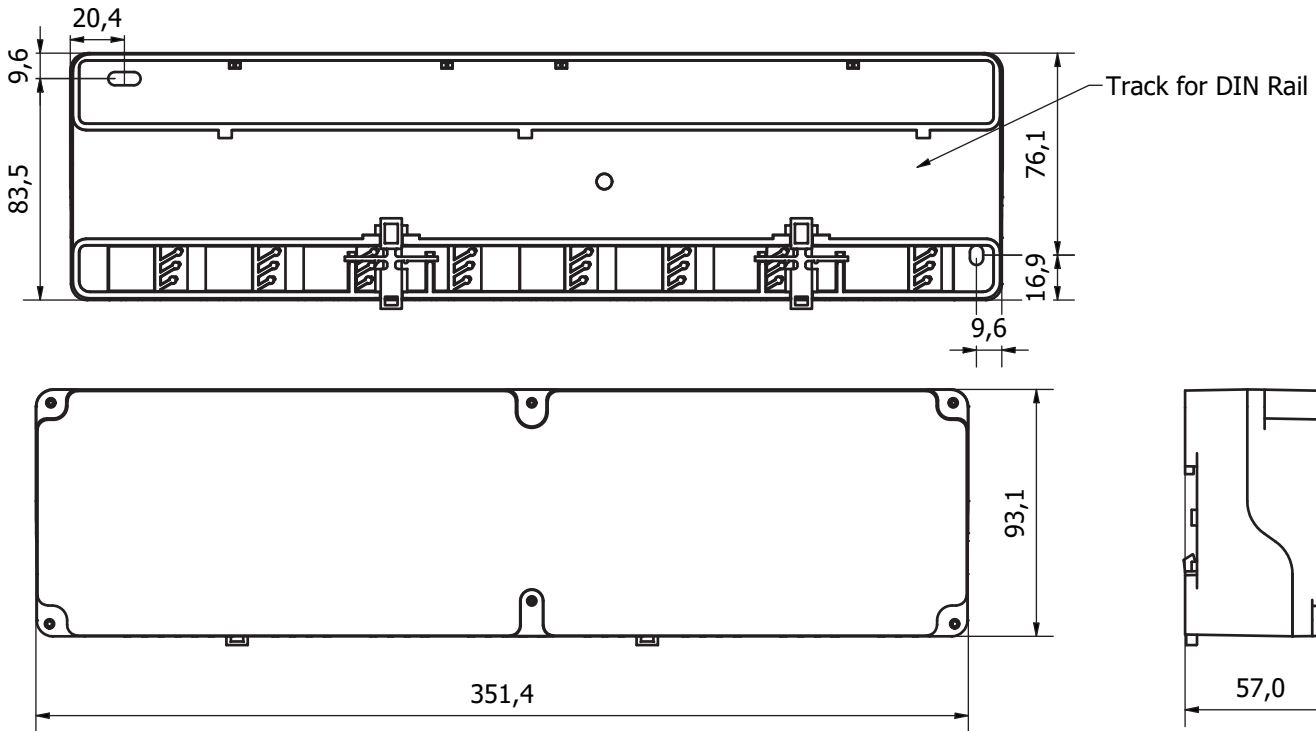




NRG Lex v2.1

SKU: NRGLex-v2.1

System Control Module v2.1



POWER SUPPLY RATING	230 V~, 15 mA, 50 HZ / 60 HZ, 1 PHASE	MAIN FUSE	6.3 A, 230 V ~ T ANTI-SURGE
POWER SWITCHING CAPACITY	MUST NOT EXCEED 5 A FOR ALL LOADS	BOILER/CLOCK FUSING	3.0 A, 230 V ~ T ANTI-SURGE
BOIL RELAY RATING	DOUBLE POLE NORMALLY OPEN -DPNO 5 A	ZONE FUSES	4 x 1.0 A, 230 V ~ T ANTI-SURGE
BOILERS - BOILER VOLT FREE CONTROL SWITCHES	2	ZONE CALL INDICATORS	4
BOILER SUPPLY	2	MAINS SUPPLY INDICATORS	1
CLOCK SUPPLY	1	BOILER CALL INDICATORS	1
BOILER FROST PROTECTION	1	AUXILIARY CALL INDICATORS	1
AUXILIARY INPUTS	4	TRANSIENT SUPPRESSION (VDR X 2)	YES
AUXILIARY OUTPUTS	2 SETS OF DOUBLE POLE CHANGEOVER 5 A	TERMINALS	0.5 MM ² TO 1.5 MM ²
OPERATING TEMPERATURES	0 - 50°C	MOUNTABLE	DIN RAIL OR SCREWS
ENCLOSURE RATING	IP20	WEIGHT WITH ENCOSURE	800 G

Features:

- The fused power supply protects the system components from damage.
- Four zones with individual fused connections.
- Two individually fused boiler control circuits.
- LED indicators that show the status of zones, boiler calls, and auxiliary operations.
- Auxiliary relay provision with four isolated inputs and two sets of isolated relay contacts (C, NO, NC) for more complex control scenarios.
- Frost input that can trigger a boiler call when frost protection is required.
- "Push-Open" connections suitable for 0.5 to 1.5 mm² cable sizes.
- Scalability allows multiple NRG Lex units to interconnect within a single heating system.

