



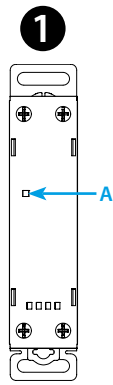
77.31

	77.31.x.xxx.80x0	77.31.x.xxx.80x1
	$U_N$ 24 V DC $U_{min}-U_{max}$ (4-32)V DC $P$ 0.4 W  $U_N$ 230 V AC $U_{min}-U_{max}$ (40-280)V AC $P$ 7.5 VA (50 Hz) / 0.9 W	
	1 NO (SPST-NO) 30 A (48...480)V AC  AC7a (cos $\phi$ =0.8) 30 A AC7a (cos $\phi$ =0.8) 30 A AC15 20 A AC15 20 A (M) (230 V AC) - (M) (230 V AC) 1.5 kW  (230 V) 6000 W (230V) 4500 W CFL / LED 4000 W CFL / LED 2500 W 6000 W 4000 W	
	(-20...+80)°C	
	IP20	

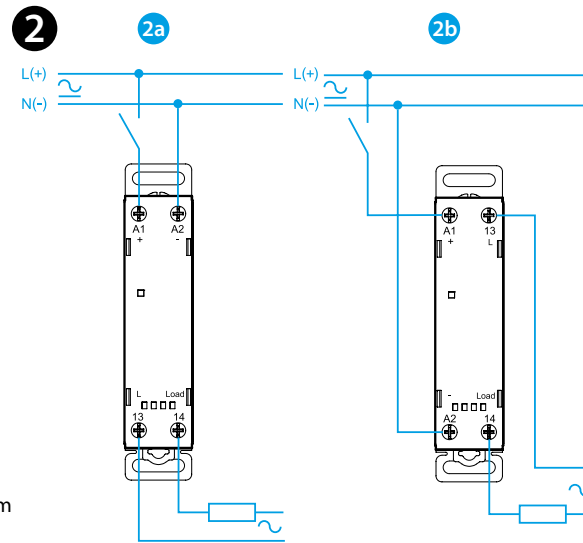
LED	$U_N$
	OFF
	ON



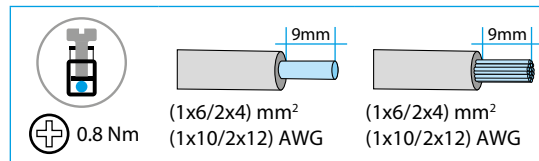
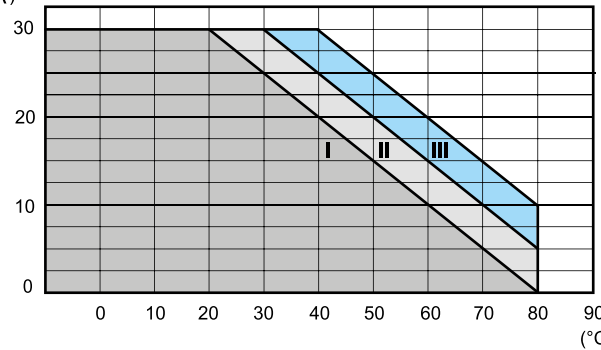
- For use in Pollution Degree 2 Environment
- Control circuits, for version 230 V AC only, shall be connected, in the end-use Application, to any Din-rail Surge Protective Device R/C (VZCA 2/8) rated min. 240 V AC, 50/60 Hz, VPR=1000 V, Type 3
- Use 75°C copper (CU) conductors for power terminals (13, 14) and 60/75°C copper (CU) conductors the control terminals (A1, A2) of the devices.



104.5 mm  
120.3 mm  
22.5 mm



3 (A)



# ENGLISH

## 77.31 MODULAR SOLID STATE RELAY

1 FRONT VIEW  
A = LED

2 WIRING DIAGRAM  
2a Connection 77.31-805x  
2b Connection 77.31-807x

3 OUTPUT SPECIFICATION  
Output RMS current vs. ambient temperature  
I - Modular SSR installed as a group (without gap)  
II - Modular SSR installed as a group (20 mm gap between each SSR)  
III - Modular SSR installed individually in free air, or with a gap  $\geq$  40 mm, which implies a not significant influence from nearby components

### OTHER DATA

- AC output (with triac)
- Zero-crossing versions 77.x.xxx.80x0
- Random versions 77.x.xxx.80x1
- Minimum switching current (@ 400 V): 300 mA
- Power loss (@ 30 A): 16 W
- 35 mm rail (EN 60715) mount