



77.31

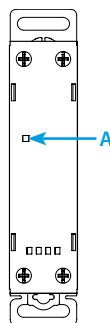
	77.31.x.xxx.80x0	77.31.x.xxx.80x1
	U_N 24 V DC $U_{min}-U_{max}$ (4-32)V DC P 0.4 W U_N 230 V AC $U_{min}-U_{max}$ (40-280)V AC P 7.5 VA (50 Hz) / 0.9 W	
	1 NO (SPST-NO) 30 A (48...480)V AC AC7a (cos ϕ =0.8) 30 A AC7a (cos ϕ =0.8) 30 A AC15 20 A AC15 20 A (M) (230 V AC) - (M) (230 V AC) 1.5 kW (230 V) 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



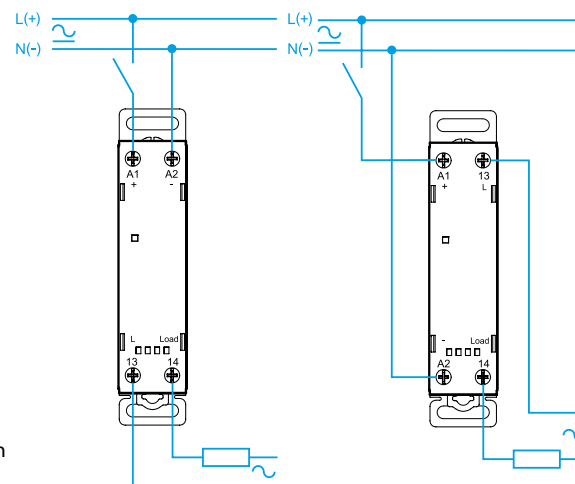
- For use in Pollution Degree 2 Environment
- Control circuits, for version 230 V AC only, shall be connected, in the end-use Application, to any Din - rail Surge Protective Device R/C (VZCA 2/8) rated min. 240 V AC, 50/60 Hz, VPR=1000 V, Type 3
- Use 75°C copper (CU) conductors for power terminals (13,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

1

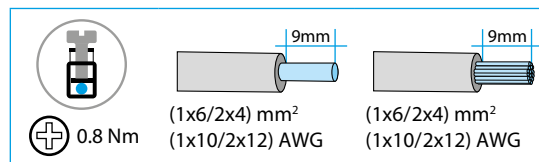
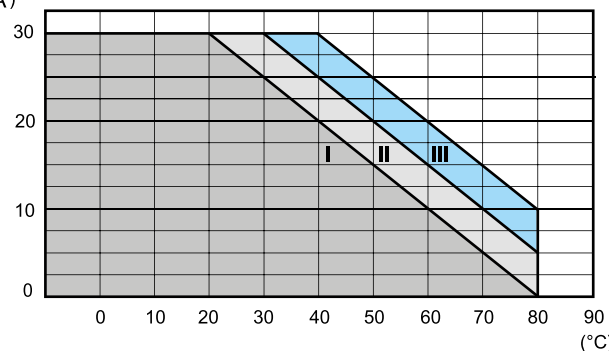


104.5 mm
120.3 mm
22.5 mm

2



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