finder
RELAYING INNOVATION



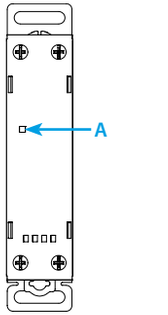
77.31

	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 24 V AC (50/60 Hz) U_{min}-U_{max} (16...32)V AC P 0.24VA (50Hz) / 0.4 W			
	U_N 230 V AC (50/60 Hz) 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				

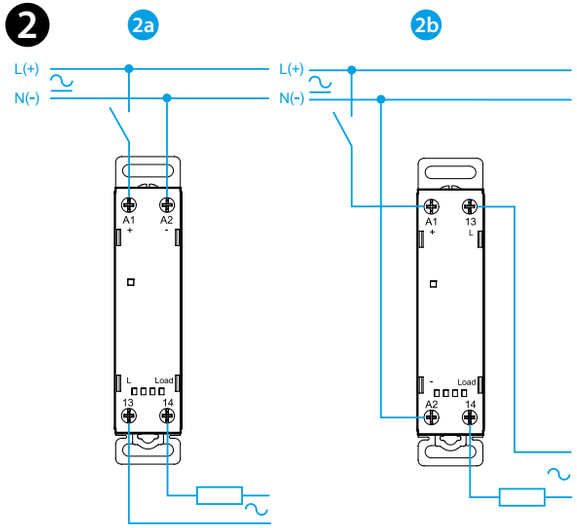
LED	U_N
	OFF
	ON

- 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 (VZCA2/8) 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.
- Rated impulse withstand voltage Uimp of 4.0 kV.
- Maximum Surrounding Air Temperature 45 °C.
- Suitable for use on a circuit capable of delivering not more than 3000 A rms symmetrical Amperes, 240 Volts maximum when protected by fuses, max 20A.
- Suitable for use on a circuit capable of delivering not more than 1000 A rms symmetrical Amperes, 480 Volts maximum when protected by fuses, max 10A.
- The Model 77-31 does not have has inside an overload relay. It was tested according to overload trip class 20 values.
- Ratings:
  AC-53 A: 9 A 480 V AC
  1 Hp 120 V AC – 2 Hp 240 V AC – 1.5 Hp 480 V AC
  30 A 400 V AC; 30 A 277 V AC

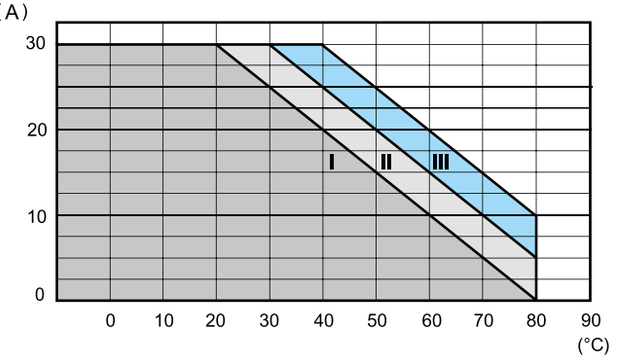
1

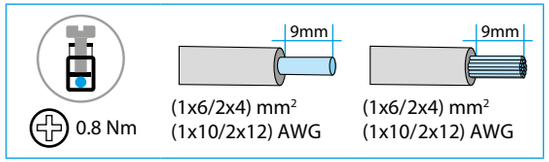


2



3 (A)





Utility Model - IB7731001 - 09/26 - Finder S.p.A. con unico socio - 10040 ALMESE (TO) - ITALY

ESPAÑOL

77.31
RELÉ DE ESTADO SÓLIDO MODULAR

1 VISTA FRONTAL
A = LED

2 ESQUEMA DE CONEXIÓN
2a Conexión 77.31-805x
2b Conexión 77.31-807x

3 CARACTERÍSTICAS DEL CIRCUITO DE SALIDA
Máxima corriente efectiva en función de la temperatura ambiente
I - SSR modular instalado en bloque (sin separación)
II - SSR modular instalado en bloque (20 mm de separación entre módulos)
III - SSR modular instalación individual al aire libre, o una separación ≥ 40 mm (sin influencia significante de los componentes cercanos)

OTROS DATOS
- Salida AC (con triac)
- Ejecuciones Zero crossing 77.x.xxx.80x**0**
- Ejecuciones Random 77.x.xxx.80x**1**
- Mínima corriente de conmutación (@ 400 V): 300 mA
- Potencia disipada (@ 30 A): 16 W
- Montaje en carril de 35 mm (EN 60715)

finder