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 ≥ 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

- 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.

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<tr>
<th>LED</th>
<th>$U_N$</th>
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<tr>
<td>OFF</td>
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