Lovato electric

ENERGY AND AUTOMATION

LPXT100 TEST ELEMENTS DATASHEET

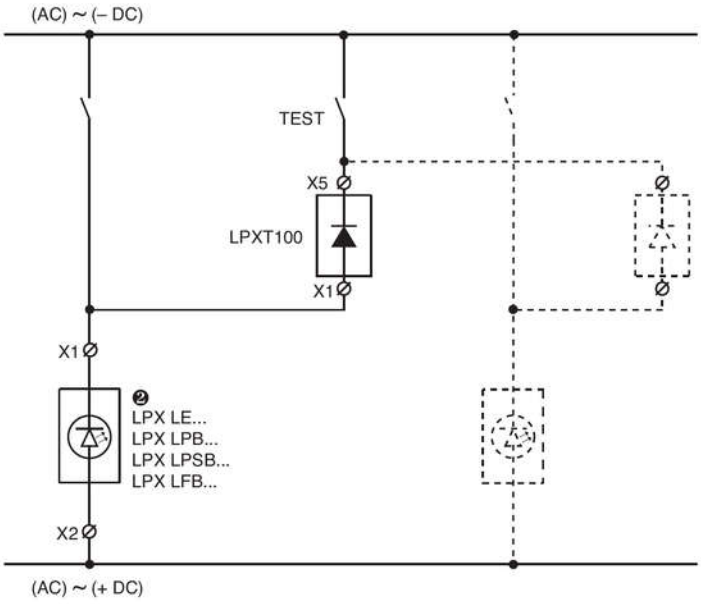


Order code	Description
LPX T100❶❷	Use with LED elements in AC/DC, types LPX LE… (all), LPX LFB…, LPX LPB and LPX LPSB…

❶ Whenever test circuits include illuminated actuators connected with paralleled load, use two LPX T100 for each LED element.
Refer to the wiring diagram below or online in the Downloads section at www.LovatoElectric.com

❷ With DC supply only for LPX T100 type, the LED element works at full voltage and brightness while with AC supply for all LPX T… types, the LED element works at half voltage with reduced brightness level.

For LPX T100 test element



Operational characteristics
- Supply voltage:
  - LPX T100 test element:
    - 12...30VAC/DC for LPX LEB/LFB/LPB/LPSB...
    - 85...140VAC/DC for LPX LEE...
    - 185...265VAC/DC for LPX LEM...
  - LPX T101 test element: 85-140VAC
  - LPX T102 test element: 185-265VAC
- For use with LED elements LPX LPBB/LPBE/LPBM… types, consult Technical support; see contact details on inside front cover
- Electrical life: 100,000 hours
- Any mounting position allowed
- Snap onto LPX AU120 mounting adapter beside the LED element or stacked behind contact elements; also internally on the LPZ control station cover
- Maximum tightening torque for screw terminals: 1Nm/0.74lbft
- Ambient conditions:
  - Operating temperature: -25…+70°C
  - Storage temperature: -40…+85°C
- Degree of protection: IP20.

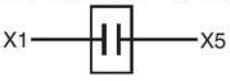
Mounting adapter
Type: LPX AU120. See page 7-20.
The mounting adapter directly snaps onto the actuator fixed to the mounting surface.

Maximum conductor cross section
1 or 2 2.5mm² or AWG 12 cables.

Wiring Diagram
For LPX T100



For LPX T101 - LPX T102



Certifications and compliance
Certifications obtained: UL Listed for USA and Canada, (cULus - File E93601), as Auxiliary Devices; EAC, CCC, RINA.
Compliant with standards: IEC/EN 60947-1, IEC/EN 60947-5-1, UL508, CSA C22.2 n° 14.