



Vacuum Contactor LC1D620

URL: <https://www.sxplc.com/vacuum-contactor-lc1d620>

Product data sheet

Number of poles 3P

Rated operating voltage [Ue] Power circuit: ≤ 1000 V AC 25...400 Hz. .400 Hz

Power supply circuit: ≤ 460 V DC

Rated operating current [Ie] 1000 A (at operating temperature ≤ 40 °C) at operating voltage $\leq \leq 440$ V AC AC-1 for power circuits

620 A (at operating temperature ≤ 40 °C) at operating voltage $\leq \leq 440$ V AC AC-3 for power supply circuits

[Uc] control circuit voltage 220 V AC 50/60 Hz

Loop contact type 3 NO

Protective cover None

Approximate heating current [I_{th}] 1000 A (at operating temperature ≤40 °C) for power supply circuits

Rated short-time withstand current [I_{cw}] 5050 A at operating temperatures ≤ 40 °C for 10 s for power supply circuits

4400 A at operating temperatures ≤ 40 °C for 30 s for power circuits

3400 A at operating temperatures ≤ 40 °C for 1 minute for power circuits

2200 A at operating temperatures ≤ 40 °C for 3 minutes for power circuits

1600 A for 10 minutes at operating temperatures ≤ 40 °C for power circuits

800 A gG at operating voltage ≤ ≤ 440 V, for power circuits

630 A aM at operating voltages ≤ ≤ 440 V, for power circuits

1000 A gG at operating voltages ≤ ≤ 440 V for power circuits

Average impedance 0.12 mΩ - I_{th} 1000 A 50 Hz for power circuits

Rated insulation voltage [U_i] power circuit: 1000 V according to IEC 60947-4-1

