

# Vacuum Contactor LC1D620

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

## Product data sheet

Number of poles 3P

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

Power supply circuit:  $\leq 460$  V DC

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

620 A (at operating temperature  $\leq 40$  °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 [Ith] 1000 A (at operating temperature  $\leq 40$  °C) for power supply circuits

Rated short-time withstand current [ $I_{cw}$ ] 5050 A at operating temperatures  $\leq 40\text{ }^{\circ}\text{C}$  for 10 s for power supply circuits

4400 A at operating temperatures  $\leq 40\text{ }^{\circ}\text{C}$  for 30 s for power circuits

3400 A at operating temperatures  $\leq 40\text{ }^{\circ}\text{C}$  for 1 minute for power circuits

2200 A at operating temperatures  $\leq 40\text{ }^{\circ}\text{C}$  for 3 minutes for power circuits

1600 A for 10 minutes at operating temperatures  $\leq 40\text{ }^{\circ}\text{C}$  for power circuits

800 A gG at operating voltage  $\leq \leq 440\text{ V}$ , for power circuits

630 A aM at operating voltages  $\leq \leq 440\text{ V}$ , for power circuits

1000 A gG at operating voltages  $\leq \leq 440\text{ V}$  for power circuits

Average impedance  $0.12\text{ m}\Omega$  -  $I_{th}$  1000 A 50 Hz for power circuits

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

Overvoltage category III

