



Relays UE43-3MF2D3

URL:<https://www.sxplc.com/relays-ue43-3mf2d3>

Product data sheet

Safety technical parameters

Safety integrity level SIL3 (IEC 61508)

Category category 4 (EN ISO 13849)

Performance class PL e (EN ISO 13849)

PFHD (Critical Failure Rate per Hour) 3.0×10^{-8} (EN ISO 13849)

TM (Continuous Operation) 20 years (EN ISO 13849)

B10d value switching operation 1×10^6 (AC-15, 230 V, I = 0,5 A)

Switching operation 3.5×10^5 (DC-13, 24 V, I = 2 A)

Switching operation 1.2×10^6 (DC-13, 24 V, I = 0,5 A)

Stop category 0 (EN 60204-1)

Electrical parameters

Operational data

Voltage supply A1, A2

Output current path > 25 V AC / 60 V DC PELV (protection against extra low voltage)

Output current path \leq 25 V AC / 60 V DC PELV (protection extra low voltage) or SELV (safe extra low voltage)

Supply voltage U_v A1, A2

24 V DC (20.4 V DC ... 26.4 V DC)

Residual Ripple ($\leq 2.4 V_{ss}$) 1)

Power consumption (≤ 1 W (DC))

Overvoltage category II

Rated insulation voltage U_i 300 V AC

Rated impulse withstand voltage U_{imp} 4 kV

Detection voltage: 2 kV (50 Hz) (EN 60439-1.)

