



## 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)  $3.0 \times 10^{-8}$  (EN ISO 13849)

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

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

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

Switching operation  $1.2 \times 10^6$  (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 ( $\leq 1$  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.)

