

DZ47LE EARTH LEAKAGE CIRCUIT BREAKER



2P



4P

APPLICATION

DZ47LE(C45LE) earth leakage circuit breaker is used for the protection, against electrical leakage in the circuit of 50Hz or 60Hz, rated voltage single-phase 240V, 3 phase 415V, rated current up to 60A. When some body gets an electric shock or the residual current of the circuit exceeds the fixed value, the ELCB can cut off the power within the time of 0.1s automatically to protect the personal safety and preventing the equipment from the fault resulted by the residual current. With this function, the ELCB can protect the circuit against overload and short circuit or can be used for the unrequent switchover of the circuit under normal conditions. It conforms to IEC1009 standard.

SPECIFICATION

Rated voltage	230/400V
Rated current	6A 10A 16A 20A 25A 32A 40A 50A
Pole	1P+N 2P 3P 4P
Rated operating current (mA)	30mA 50mA 100mA 300mA
Rated non operating (I Δ N)	0.5I Δ N
Tripping curve	C type D type
Type	ELECTRONIC

BV-D RESIDUAL CURRENT DEVICE



2P



4P

ELECTRICAL DATA

Design according to	IEC 1008(IEC 61008)
Tripping time	undelayed min.10 ms delay min.40 ms delay with selective disconnecting function
Rated voltage	230/400V;50Hz
Rated tripping current	10,30,100,300,500mA
Sensitivity	AC and pulsating DC
Rated short	10KA with 63A gL back-up fuse
Circuit strength	10KA with 63A gL (F7-80 and -863) 6kA (rated current 63A)with 63A gL
Maximum back-up fuse for	63A gL
Short circuit protection	80A gL (F7-80 and -863)
Maximum back-up fuse for	45A gL (F7-25 and -40A)
Overload protection	40A gL (F7-80A)
Resistance to climatic conditions	according to IEC 1008
Degree of protection	built-in switch IP 40
Endurance electrical comp.	≤4.000 operating cycles
mechcomp.	≥20.000 operating cycles