

Zhejiang VeKON
Technology Co.,Ltd.

PROFESSIONAL CIRCUIT
BREAKER MANUFACTURER



VL20-100 RCCB

General introduction

Function

VL20-100 series RCCB(without overcurrent protection)applies to AC 50Hz, rated voltage 240V 2 poles, 415V 4 poles, rated current up to 100A. When electric shock occurs to human or leakage current in grid exceeds stipulated values, RCCB cuts off the fault power in a very short time to protect the safety of human and electrical equipments. It can also function as non frequently switching of circuits.

Application

Industry and commercial buildings, high-rise buildings and residential houses, etc.

Conforms to standard

IEC/EN 61008-1

VL20-100 RCCB



Main parameters

Types	Values
Rated voltage Un	240V ~ 1P+N, 415 V ~ 3P+N
Rated current In	16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A
Rated residual operated current I Δ n	0.03A, 0.1A, 0.3A
Poles	1P+N, 3P+N
Duty type as per DC component	AC
Rated limited short circuit current Inc	6000A
Rated limited residual short circuit current I Δ c	6000A
Rated making and breaking capacity Im	500A(In $\leq$ 50A), 630A(In = 63A), 1000A(In=80A, 100A)
Rated residual making and breaking capacity I Δ m	500A(In $\leq$ 50A), 630A(In = 63A), 1000A(In=80A, 100A)
Rated residual non-operated current I Δ no	0.5I Δ n
Rated insulation voltage Ui	500V
Rated impulse withstand voltage Uimp	4000V
Tightening torque	3.0N.m
Electrical life	2000 Times
Mechanical life	3000 Times
Operated ambient temperature $^{\circ}$ C	-25~+40
Stored ambient temperature $^{\circ}$ C	-25~+70
Pollution level	2
Protection level	IP20
Mounting type	II

Overall and mounting sizes(mm)

