

VH12-125 Switch Disconnection



VeKON

General introduction

Function

VH12-125 series switch disconnection (hereinafter referred to as switch) applies to power distribution and control circuits with AC 50Hz, rated current up to 125A, rated voltage up to 415V. It's mainly used as a general switch of terminal combined apparatus, also functions as controller of un frequently switched small power apparatus and lighting.

Application

Industrial and mining enterprises, high-rise buildings and residential houses, etc.

Conform to standard

IEC/EN60947-3

VH12-125 Switch Disconnection

Main parameters

Types	Values
Rated current(Ie)	32A, 63A,80A,100A,125A
Poles	1P、2P、3P、4P
Rated voltage(Ue)	240V/415V AC(1P),415V AC(2P、3P、4P)
Rated insulation voltage(Ui)	400V
Rated working current (Ie)	32A, 63A,80A,100A,125A
Rated impulse withstand voltage Uimp	4Kv(2000m)
Rated short time withstand current(Icw)	12Ie, 1s
Rated short circuit making capacity(Icm)	20Ie, 0.1s
Rated making and breaking capacity	3Ie,1.05Ue, $\cos\phi=0.65$
Mechanical and electrical life	Mechanical life 8500 Times
	Electrical life 3000 Times
Connection wire	See Form 1
Operated ambient temperature ℃	-5~+40
Stored ambient temperature ℃	-25~+70
Pollution level	2
Protection level	IP20
Mounting type	II

Form 1

Rated current In(A)	Nominal section area of copper wire S(mm ²)
32	6
63	16
80	25
100	35
125	50

Overall and mounting sizes(mm)

