

ZBK

Switch base mounting ø 22 door clutch padlockable handle IP66

6P - 8P

Size 0

A 25|40|80



CODE - 25A

CODE - 40A

CODE - 80A

ZBK25VZVHN4A6

ZBK40VZVHN4A6

ZBK80VZVHN4A6

ZBK25VZVHN4A8

ZBK40VZVHN4A8

ZBK80VZVHN4A8

ZBK25VZVH4A6

ZBK40VZVH4A6

ZBK80VZVH4A6

ZBK25VZVH4A8

ZBK40VZVH4A8

ZBK80VZVH4A8

Technical information



According to VDE 0660, IEC 60947-3, IEC 60947-5-1

			25	40	80
Rated thermal current	I _{th}	A	25	40	80
Rated thermal current enclosed	I _{the}	A	25	40	80
Rated insulation voltage	U _i	V	690	690	690
Rated impulse withstand voltage	U _{imp}	kV	6	6	6
AC rated operational current	I _e	A	25	40	80
Making capacity	I _{eff}	kA	190	300	440
Breaking capacity		kA	180	250	380
		kV	180	250	380
		kV	110	170	220
Direct switching motors	AC3	A	16	30	37
	AC3	kW	4	7,5	11
		kW	7,5	15	18,5
		kW	7,5	15	18,5
Main & safety switch	AC23	A	20	32	45
	AC23A	kW	5,5	9	15
	AC23B	kW	10	16	22
		kW	7,5	15	18,5
Rated conditional short-circuit current		kA _{eff}	10	10	10
Max. fuse size	gG(gG)	A	35	50	80
Rated short-time withstand current (1 sec. current)	I _{cw}	A	300	500	850
Mechanical life	x10 ⁶		200	200	100
Connecting capacity					
Solid or stranded cable	mm ²	0,5-10			1-25
	AWG	20-8 (10)			16-4 (10)
Flexible cable	mm ²	0,5-6			4-16
	AWG	20-10			16-6
Size of terminal screw		M3,5			M5
Tightening torque	Nm	0,8-1,7			2-4

According to UL & cUL FILE NO. E123623

			25	40	80
Rated voltage	V		600	600	600
Ampere-Rating "General use"	A		25	40	80
DOL-Rating 3-phase					
	110-220V	HP	1,5	2	5
	220-240V	HP	5	5	10
	440-480V	HP	10	10	20
	550-600V	HP	10	15	25
DOL-Rating 1-phase					
	110-120V	HP	1	1	2
	200-208V	HP	2	2	3
	220-240V	HP	2	3	5
Fuse size (RK5)	Manual Motor Controller	A	50	70	110
5kA / 600V	Motor Disconnect	A	50	50	70
Tightening torque		Nm	1,2-2,3	1,2-2,3	2,8-4
		lb.inch	11-20	11-20	24-35

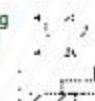
Accessories



Auxiliary contacts

1NO+1NC
A 25
80CODE
ZBKLN11

1NO+1NC overlapping

A 25
80CODE
ZBKLN11X

PE - Terminal

A 25
80CODE
ZBKPE80V

N - Terminal

A 25
40CODE
ZBKN40VA 80
CODE
ZBKN80V

N - Fixed neutral

A 25
80CODE
ZBKPN80V

Shaft extended

A 20
125CODE
ZBK-0002
ZBK-0003L 200
300

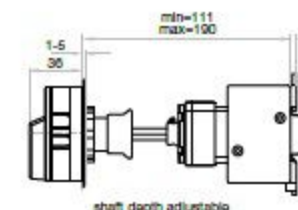
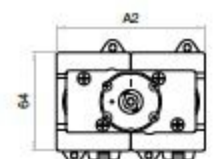
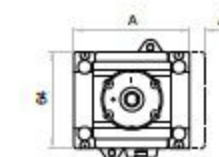
Auxiliary contacts technical information

Rated insulation voltage	U _i	V	690
Rated thermal current	I _{th} - I _{the}	A	10
Switching capacity	AC15	220-240V	A 2,5
	AC15	380-440V	A 1,5
Rated conditional short-circuit current		kA _{eff}	3
Max. short circuit protection	gL(gG)	A	10

Connecting capacity		
Solid or stranded cable	mm ²	0,75-2,5
	AWG	14-12
Flexible cable (+ multicore cable end)	mm ²	0,75-2,5 (1,5)
	AWG	18-14

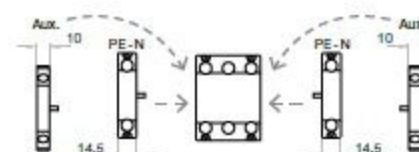
Dimensions (mm)

Door drilling for external handle



	6P	6P	8P
	A	A2	A2
25 - 40 A	77	-	97
80 A	-	97	126

Auxiliary contacts A1



» Other options also available on request:
 - Products with customized shaft dimensions (L max = 400mm)
 - Terminal shrouds