

## ■ BES MOTOR PROTECTION SWITCH, SIZE 00



BESD0063

### ■ SCHRACK INFO

For mounting BESD.. onto contactor size 00 use LSZDD005 (AC-DC).

DESCRIPTION	S.C.B.C. – I <sub>cu</sub> <sup>1)</sup>	SETTING RANGE / kW <sup>2)</sup>	SIZE	ORDER NO.
<b>ALEA MOTOR PROTECTION SWITCH SIZE 00</b>				
Motor protection switch 0,16A, Class 10	100kA	0,11-0,16A / 0,04kW	00	BESD0016
Motor protection switch 0,20A, Class 10	100kA	0,14-0,20A / 0,06kW	00	BESD0020
Motor protection switch 0,25A, Class 10	100kA	0,18-0,25A / 0,06kW	00	BESD0025
Motor protection switch 0,32A, Class 10	100kA	0,22-0,32A / 0,09kW	00	BESD0032
Motor protection switch 0,40A, Class 10	100kA	0,28-0,40A / 0,09kW	00	BESD0040
Motor protection switch 0,50A, Class 10	100kA	0,35-0,50A / 0,12kW	00	BESD0050
Motor protection switch 0,63A, Class 10	100kA	0,45-0,63A / 0,18kW	00	BESD0063
Motor protection switch 0,80A, Class 10	100kA	0,55-0,80A / 0,18kW	00	BESD0080
Motor protection switch 1,00A, Class 10	100kA	0,70-1,00A / 0,25kW	00	BESD0100
Motor protection switch 1,25A, Class 10	100kA	0,90-1,25A / 0,37kW	00	BESD0125
Motor protection switch 1,60A, Class 10	100kA	1,10-1,60A / 0,55kW	00	BESD0160
Motor protection switch 2,00A, Class 10	100kA	1,40-2,00A / 0,75kW	00	BESD0200
Motor protection switch 2,50A, Class 10	100kA	1,80-2,50A / 0,75kW	00	BESD0250
Motor protection switch 3,20A, Class 10	100kA	2,20-3,20A / 1,10kW	00	BESD0320
Motor protection switch 4,00A, Class 10	100kA	2,80-4,00A / 1,10kW	00	BESD0400
Motor protection switch 5,00A, Class 10	100kA	3,50-5,00A / 1,50kW	00	BESD0500
Motor protection switch 6,30A, Class 10	100kA	4,50-6,30A / 2,20kW	00	BESD0630
Motor protection switch 8,00A, Class 10	50kA	5,50-8,00A / 3,00kW	00	BESD0800
Motor protection switch 10A, Class 10	50kA	7,00-10,0A / 4,00kW	00	BESD1000
Motor protection switch 12A, Class 10	50kA	9,00-12,0A / 5,50kW	00	BESD1200

<sup>1)</sup> Short-circuit breaking capacity at 400 V AC.

<sup>2)</sup> Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

## BES MOTOR PROTECTION SWITCH, SIZE 0



BES00400

### SCHRACK INFO

For mounting BES0.. onto contactor size 0 use LSZ0D002 (AC) or LSZ0D004 (DC).  
For mounting BES0.. onto contactor size 00 use LSZDD006 (AC-DC).

DESCRIPTION	S.C.B.C. – I <sub>cu</sub> <sup>1)</sup>	SETTING RANGE / kW <sup>2)</sup>	SIZE	ORDER NO.
<b>ALEA MOTOR PROTECTION SWITCH SIZE 0</b>				
Motor protection switch 0,16A, Class 10	100kA	0,11-0,16A / 0,04kW	0	BES00016
Motor protection switch 0,20A, Class 10	100kA	0,14-0,20A / 0,06kW	0	BES00020
Motor protection switch 0,25A, Class 10	100kA	0,18-0,25A / 0,06kW	0	BES00025
Motor protection switch 0,32A, Class 10	100kA	0,22-0,32A / 0,09kW	0	BES00032
Motor protection switch 0,40A, Class 10	100kA	0,28-0,40A / 0,09kW	0	BES00040
Motor protection switch 0,50A, Class 10	100kA	0,35-0,50A / 0,12kW	0	BES00050
Motor protection switch 0,63A, Class 10	100kA	0,45-0,63A / 0,18kW	0	BES00063
Motor protection switch 0,80A, Class 10	100kA	0,55-0,80A / 0,18kW	0	BES00080
Motor protection switch 1,00A, Class 10	100kA	0,70-1,00A / 0,25kW	0	BES00100
Motor protection switch 1,25A, Class 10	100kA	0,90-1,25A / 0,37kW	0	BES00125
Motor protection switch 1,60A, Class 10	100kA	1,10-1,60A / 0,55kW	0	BES00160
Motor protection switch 2,00A, Class 10	100kA	1,40-2,00A / 0,75kW	0	BES00200
Motor protection switch 2,50A, Class 10	100kA	1,80-2,50A / 0,75kW	0	BES00250
Motor protection switch 3,20A, Class 10	100kA	2,20-3,20A / 1,10kW	0	BES00320
Motor protection switch 4,00A, Class 10	100kA	2,80-4,00A / 1,10kW	0	BES00400
Motor protection switch 5,00A, Class 10	100kA	3,50-5,00A / 1,50kW	0	BES00500
Motor protection switch 6,30A, Class 10	100kA	4,50-6,30A / 2,20kW	0	BES00630
Motor protection switch 8,00A, Class 10	100kA	5,50-8,00A / 3,00kW	0	BES00800
Motor protection switch 10A, Class 10	100kA	7,00-10,0A / 4,00kW	0	BES01000
Motor protection switch 12,5A, Class 10	100kA	9,00-12,5A / 5,50kW	0	BES01200
Motor protection switch 16A, Class 10	50kA	11,0-16,0A / 7,50kW	0	BES01600
Motor protection switch 20A, Class 10	50kA	14,0-20,0A / 7,50kW	0	BES02000
Motor protection switch 22A, Class 10	50kA	17,0-22,0A / 11,0kW	0	BES02200
Motor protection switch 25A, Class 10	50kA	20,0-25,0A / 11,0kW	0	BES02500

<sup>1)</sup> Short-circuit breaking capacity at 400 V AC.

<sup>2)</sup> Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

## ■ BES MOTOR PROTECTION SWITCH, SIZE 2



BES2...

DESCRIPTION	S.C.B.C. – I <sub>cu</sub> <sup>1)</sup>	SETTING RANGE / kW <sup>2)</sup>	SIZE	ORDER NO.
<b>ALEA MOTOR PROTECTION SWITCH SIZE 2</b>				
Motor protection switch 25A, Class 10	50kA	18,0-25,0A / 11,0kW	2	BES22500
Motor protection switch 32A, Class 10	50kA	22,0-32,0A / 15,0kW	2	BES23200
Motor protection switch 40A, Class 10	50kA	28,0-40,0A / 18,5kW	2	BES24000
Motor protection switch 45A, Class 10	50kA	36,0-45,0A / 22,0kW	2	BES24500
Motor protection switch 50A, Class 10	50kA	40,0-50,0A / 22,0kW	2	BES25000

<sup>1)</sup> Short-circuit breaking capacity at 400 V AC.

<sup>2)</sup> Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

## ■ BES MOTOR PROTECTION SWITCH, SIZE 3



BES3...

DESCRIPTION	S.C.B.C. – I <sub>cu</sub> <sup>1)</sup>	SETTING RANGE / kW <sup>2)</sup>	SIZE	ORDER NO.
<b>ALEA MOTOR PROTECTION SWITCH SIZE 3</b>				
Motor protection switch 63A, Class 10	50kA	45,0-63,0A / 30,0kW	3	BES36300
Motor protection switch 75A, Class 10	50kA	57,0-75,0A / 37,0kW	3	BES37500
Motor protection switch 90A, Class 10	50kA	70,0-90,0A / 45,0kW	3	BES39000
Motor protection switch 100A, Class 10	50kA	80,0-100A / 45,0kW	3	BES39999

<sup>1)</sup> Short-circuit breaking capacity at 400 V AC.

<sup>2)</sup> Guide value for 4-pole standard motors at 50 Hz 400 V AC. The actual starting and rated data of the motor to be protected must be considered when selecting the units.

## AUXILLIARY SWITCH



BEZ00001

DESCRIPTION	SIZE	ORDER NO.
<b>AUXILLIARY SWITCH</b>		
Auxilliary switch side mounted 1 NO + 1 NC	00/0/2/3	BEZ00001
Auxilliary switch front mounted 1 NO + 1 NC	00/0/2/3	BEZ00003
Auxilliary switch side mounted 2 NO	00/0/2/3	BEZ00002
Auxilliary switch front mounted 2 NO	00/0/2/3	BEZ00004

## SIGNALING SWITCH



BEZ00005

DESCRIPTION	SIZE	ORDER NO.
<b>SIGNALING SWITCH</b>		
Signaling switch 1 NO + 1 NC	0/2/3	BEZ00005

## UNDERVOLTAGE RELEASE



BEZ00006

DESCRIPTION	SIZE	ORDER NO.
<b>UNDERVOLTAGE RELEASE</b>		
Undervoltage release side mounted AC 230V/50HZ, AC 240V/60HZ	00/0/2/3	BEZ00006
Undervoltage release side mounted AC 400V/50HZ, AC 440V/60HZ	00/0/2/3	BEZ00007

## SHUNT TRIP



BEZ00009

DESCRIPTION	SIZE	ORDER NO.
<b>SHUNT TRIP</b>		
Shunt trip side mounted AC 20...24V, 50/60HZ, 100% ED	00/0/2/3	BEZ00008
Shunt trip side mounted AC 210...240V, 50/60HZ, 100% ED	00/0/2/3	BEZ00009

## HOUSINGS AND LOCKING PLATE



BEZ00012

DESCRIPTION	SIZE	ORDER NO.
<b>HOUSINGS</b>		
Moulded plastic housing, membran IP55	00	BEZ00012
Moulded plastic housing, emergency stop, mushroom head (yellow/red)	00	BEZ00013
Moulded plastic housing, rotary handle IP55	0	BEZ00112
Moulded plastic housing, emergency stop IP55 (yellow/red)	0	BEZ00113
Moulded plastic housing, rotary handle IP55	2	BEZ00212
Moulded plastic housing, emergency stop IP55 (yellow/red)	2	BEZ00213
<b>LOCKING PLATE</b>		
Locking plate for 3 padlocks	00	BEZ00014

## BUSBARS



BEZ00017

DESCRIPTION	SIZE	ORDER NO.
<b>BUSBARS</b>		
3-pole busbar for 2 motor protection switches	00/0	BEZ00017
3-pole busbar for 3 motor protection switches	00/0	BEZ00018
3-pole busbar for 4 motor protection switches	00/0	BEZ00020
3-pole busbar for 5 motor protection switches	00/0	BEZ00021
3-pole busbar for 2 motor protection switches	2	BEZ00217
3-pole busbar for 3 motor protection switches	2	BEZ00218

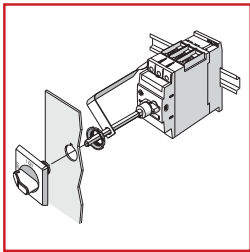
## COVERS FOR SPARE-PLACE



BEZ00019

DESCRIPTION	SIZE	ORDER NO.
<b>COVERS FOR SPARE-PLACE</b>		
Cover for spare-place, blank plate (45 mm)	00/0	BEZ00019
Cover for spare-place, blank plate (55 mm)	2	BEZ00219

## ROTARY OPERATING MECHANISMS (DOOR-COUPLING)



BEZ00010

DESCRIPTION	SIZE	ORDER NO.
<b>ROTARY OPERATING MECHANISM</b>		
Rotary operating (door coupling)	0/2/3	BEZ00010
Rotary operating, emergency stop (door coupling) yellow/red	0/2/3	BEZ00011

## FEED TERMINALS



BEZ00116

DESCRIPTION	SIZE	ORDER NO.
<b>FEED TERMINALS</b>		
Feed Terminal Size 00 for 3-phase-busbar (25 mm <sup>2</sup> )	00	BEZ00016
Feed Terminal Size 0 for 3-phase-busbar (25 mm <sup>2</sup> )	0	BEZ00116
Feed Terminal Size 2 for 3-phase-busbar (50 mm <sup>2</sup> )	2	BEZ00216