CATALOG

Aluminium enclosed safety switches and switch-disconnectors

16 to 600 Amperes

- **Optimized logistics**
- **Reliable in extreme conditions**
- **Safety and protection**

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Aluminium enclosed safety switches and switch-disconnectors

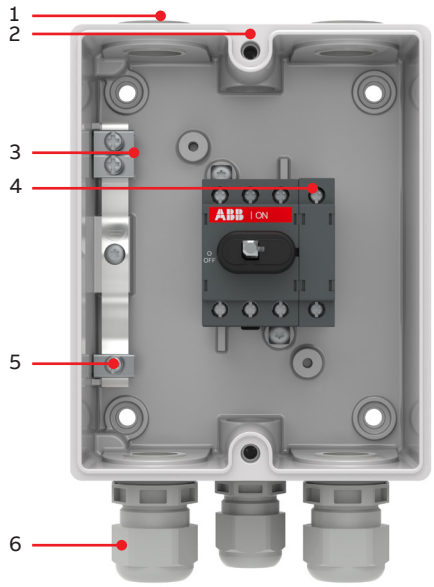
Optimized logistics
ABB offers a complete range of aluminium enclosed switch-disconnectors and safety switches from 16 up to 600 Amperes. The range includes 3- and 4-pole versions, front or side operated with black or red handles.

Reliable in extreme conditions
The enclosures are made of rigid and high quality dye casted aluminium alloy for durability in demanding conditions, indoor or outdoor. ABB's safety switches are EMC approved, therefore, suitable for environments with electromagnetic disturbances.

Safety and protection
All the enclosed and safety switches have been tested according to IEC 60947-3 standard. All the switches starting from 125A have an arc proof enclosure with built-in expander washers and security latches for enhanced safety. The switches from 125A to 600A include defeatable interlocks and the switch insert has visible contacts. The safety switches are equipped with an auxiliary contact for electrical interlocking, by connecting the switch to a starter or other motor control device.

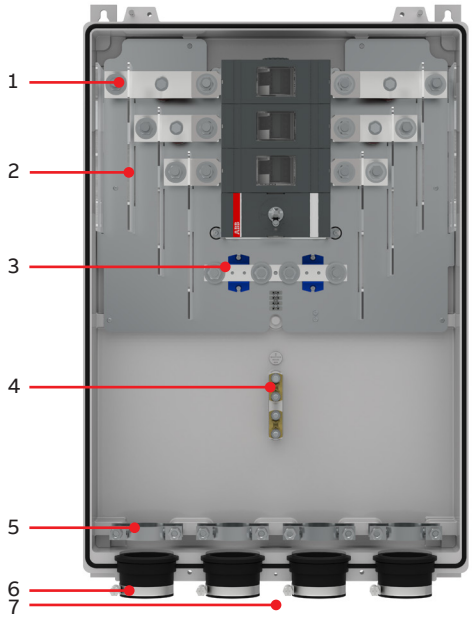
16 to 600 Amperes
Overview

OTA / OKA 16...40A



1	M25 or M32 cable entry
2	M20 control cable entry
3	PE-terminals
4	3-p or 4-p versions
5	PE-terminals
6	Cable glands included, not mounted

OTA / OKA 125...600A



1	Coated busbar
2	Protective plexi glass between the poles
3	N-terminals
4	PE-terminals
5	Pull stoppers
6	Cable glands (included)
7	2xM20 control cable entry

Technical data

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Technical data
Enclosed safety switches

Technical data according to IEC 60947-3

Type / size			OTA 16_	OTA 25_	OTA 40_	OTA 63_	LBAS _45_	LBAS _75_	LBAS _90_
Rated insulation voltage		V	750	750	750	750	750	750	750
Rated thermal current and rated operational current AC20/DC20	40ºC	A	25	32	40	63	63	80	125
	60ºC	A	20	26	32	50	50	64	100
Rated operational power and current, AC-23A	up to 415V	kW/A	7.5/16	15/30	22/45	30/63	25/63	37/75	45/90
	up to 500V	kW/A	7.5/16	15/30	22/45	30/45	22/45	37/58	45/70
	690V	kW/A	7.5/10	15/20	15/20	18.5/20	15/20	18.5/20	45/50
Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269	50kA, 415V	kA	6.5	13	13	13	13	13	16.5
	Fuse size: gG/ aM	A	40/32	100/80	100/80	100/80	100/80	100/80	125/100
	50kA, 690V	kA	6.5	13	13	13	13	13	16,5
	Fuse size: gG/ aM	A	25/16	80/63	80/63	80/63	80/63	80/63	125/100
Rated frequency		Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Cu-wire size suitable for terminal. Terminal bolt size		mm^2	0.75...10	1.5...35	1.5...35	1.5...35	1.5...35	1.5...35	10...70
Used switch type			OT40F3	OT63F3	OT63F3	OT80F3	OT63F3	OT80F3	OT125F3

Technical data according to IEC 60947-3

Type / size			OTA125_	OTA160_	OTA200_	OTA250_	OTA315_	OTA400_	OTA600_
Rated insulation voltage		V	1000	1000	1000	1000	1000	1000	1000
Rated thermal current and rated operational current AC20/DC20	40ºC	A	160	160	200	250	315	400	600
	60ºC	A	160	160	200	250	315	320	480
Rated operational power and current, AC-23A	up to 415V	kW/A	55/125	75/135	110/200	132/250	160/315	220/400	315/540
	up to 500V	kW/A	55/90	75/135	132/200	160/250	200/315	280/400	400/552
	690V	kW/A	55/70	75/80	160/200	200/250	250/315	355/400	560/551
Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in singlephase test according to IEC60269	100kA, 500V	kA	40.5	40.5	61.5	61.5	61.5	61.5	90
	Fuse size: gG/ aM	A	315A/315A	315A/315A	500A/500a	500A/450A	500A/450A	500A/450A	800A/1000A
	80kA, 690V	kA	40.5	40.5	61.5	61.5	61.5	61.5	90
	Fuse size: gG/ aM	A	355A/315A	355A/315A	500A/500A	500A/500A	500A/500A	500A/500A	800A/1000A
Rated frequency		Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Cu-wire size suitable for terminal. Terminal bolt size		mm^2	8	8	10	10	10	10	12
Used switch type			OT160EV12	OT160EV12	OT315E03	OT315E03	OT315E03	OT400E03	OT630E03

Technical data
Switch-disconnectors

Technical data according to IEC60529 and IEC 60947-3

Type / size			OKA16S_	OKA25S_	OKA40S_	OKA63S_	KSE _63_	KSE _80_	KSE _100_
Rated insulation voltage		V	750	750	750	750	750	750	750
Rated thermal current and rated operational current AC20/DC20	40ºC	A	25	32	40	80	63	80	125
	60ºC	A	20	26	32	64	50	64	100
Rated operational current, AC-21A and AC-22A	up to 415V	A	16	25	40	63	63	80	100
	up to 500V	A	16	25	40	63	63	80	100
	690V	A	16	25	40	63	63	80	100
Rated operational power and current, AC-23A	up to 415 V	kW/A	7.5/16	11/20	11/23	22/63	22/45	37/75	45/80
	up to 500V	kW/A	7.5/16	11/20	11/23	22/45	22/45	37/58	45/60
	690V	kW/A	7.5/10	11/11	11/12	15/20	15/20	18.5/20	45/40
Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269	50kA, 415V	kA	6.5	6.5	6.5	13	13	13	16.5
	Fuse size: gG/ aM	A	40/32	40/33	40/34	100/80	100/80	100/80	125/125
	50kA, 690V	kA	6.5	6.5	6.5	13	13	13	16.5
	Fuse size: gG/ aM	A	25/16	25/17	25/18	80/63	80/63	80/63	125/100
Rated frequency		Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Cu-wire size suitable for terminal		mm2	0.75...10	0.75...10	0.75...10	1.5...35	1.5...35	1.5...35	10...70
Used switch type			OT40F3	OT40F3	OT40F3	OT63F3	OT63F3	OT80F3	OT125F3

Technical data according to IEC60529 and IEC 60947-3

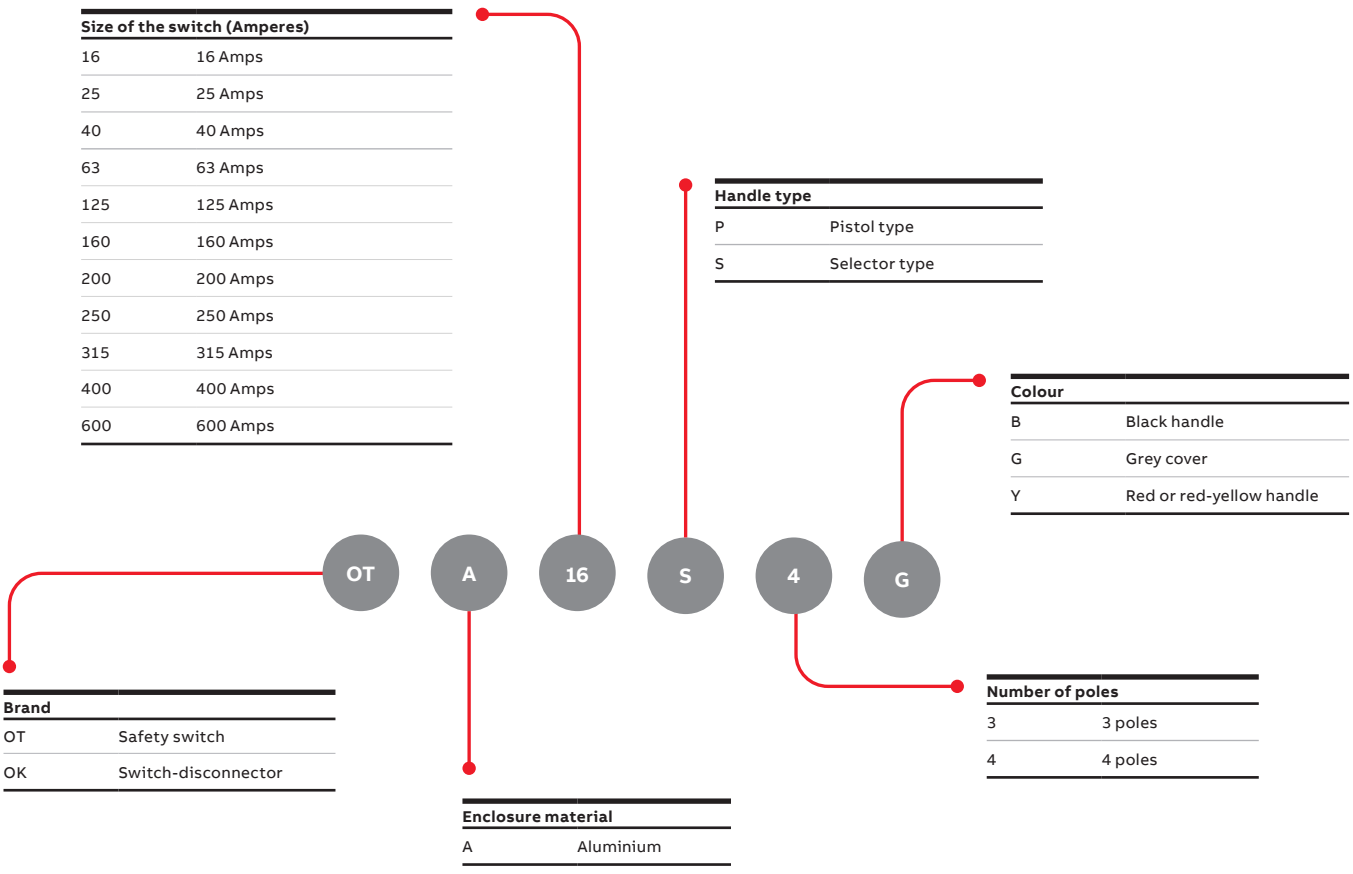
Type / size			OKA125_	OKA160_	OKA200_	OKA250_	KSE_63_	KSE_80_	KSE_100_
Rated insulation voltage		V	1000	1000	1000	1000	1000	1000	1000
Rated thermal current and rated operational current, AC20/DC20	40ºC	A	125	160	200	250	315	400	600
	60ºC	A	100	128	160	200	252	320	480
Rated operational current, AC-21A and AC-22A	up to 415V	A	125	160	200	250	315	400	600
	up to 500V	A	125	160	200	250	315	400	600
	690V	A	125	160	200	250	315	400	600
Rated operational power and current, AC-23A	up to 415 V	kW/A	88/105	88/135	180/200	180/250	180/315	230/400	355/552
	up to 500V	kW/A	112/70	112/125	220/200	220/250	220/315	280/400	400/552
	690V	kW/A	144/50	144/80	315/200	315/250	315/315	400/400	630/552
Rated conditional short-circuit current r.m.s and corresponding cut-off current of the fuse in single-phase test according to IEC60269	100kA, 500V	kA	40.5	40.5	61.5	61.5	61.5	61.5	90
	Fuse size: gG/ aM	A	315A/315A	315A/315A	500A/450A	500A/450A	500A/450A	500A/450A	800A/1000A
	80kA, 690V	kA	40.5	40.5	61.5	61.5	61.5	61.5	90
	Fuse size: gG/ aM	A	355A/315A	355A/315A	500A/500A	500A/500A	500A/500A	500A/500A	800A/1000A
Rated frequency		Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Cu-wire size suitable for terminal. Terminal bolt size		mm^2	8	8	10	10	10	10	12
Used switch type			OT160EV12	OT160EV12	OT315E03	OT315E03	OT315E03	OT400E03	OT630E03

Technical data

Type designation key, OTA_ / OKA_

Type codes

Understanding the type code keys below will help you quickly identify the correct product for your needs. The simple naming system allows you to see the products type, material, ampere rating, standard classification, number of poles and color, all in one glance.



Size of the switch (Amperes)	
16	16 Amps
25	25 Amps
40	40 Amps
63	63 Amps
125	125 Amps
160	160 Amps
200	200 Amps
250	250 Amps
315	315 Amps
400	400 Amps
600	600 Amps

Handle type	
P	Pistol type
S	Selector type

Colour	
B	Black handle
G	Grey cover
Y	Red or red-yellow handle

Brand	
OT	Safety switch
OK	Switch-disconnector

Enclosure material	
A	Aluminium

Number of poles	
3	3 poles
4	4 poles

Example

OTA16S4G

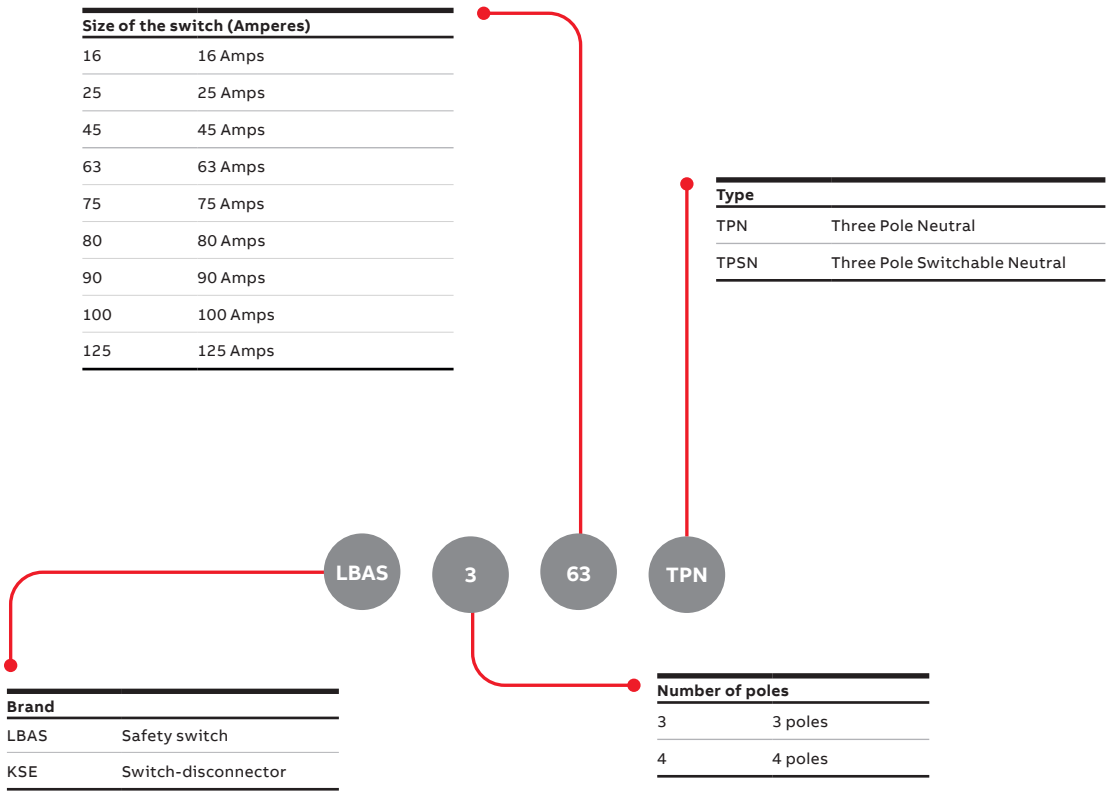
Front-operated safety switch, 16 amperes, selector type, 4 poles, grey cover

Technical data

Type designation key, LBAS / KSE

Type codes

Understanding the type code keys below will help you quickly identify the correct product for your needs. The simple naming system allows you to see the products type, material, ampere rating, standard classification, number of poles and color, all in one glance.



Size of the switch (Amperes)	
16	16 Amps
25	25 Amps
45	45 Amps
63	63 Amps
75	75 Amps
80	80 Amps
90	90 Amps
100	100 Amps
125	125 Amps

Type	
TPN	Three Pole Neutral
TPSN	Three Pole Switchable Neutral

Brand	
LBAS	Safety switch
KSE	Switch-disconnector

Number of poles	
3	3 poles
4	4 poles

Example

LBAS345TPN

Safety switch, 3 poles, 45 amperes, Three Pole Neutral

Technical data

Cabling for aluminum enclosed safety switches and switch-disconnectors

			Mounting accessories (to supply side)
Amount of parallel cables mm²			**Terminal clamp**
Supply cable, cable cross section 0,75…35 mm ²	**Cable entries from top and bottom**	**Cable entries from bottom**	
1x(0,75...10)	OTA16_,OKA16_, OKA25_, OKA40_		
1x(1,5...35)	OTA63_, OTA25_, OTA40_, OKA63_		
Supply cable, cable cross section 25…240 mm²			
1x(25…120)		OTA/OKA125_ , OTA/OKA160_ , OTA/OKA200_ , OTA/OKA250_	OZXB2L
1x(95…185)		OTA/OKA125_ , OTA/OKA160_ , OTA/OKA200_ , OTA/OKA250_	OZXB8
1x(95…240)		OTA/OKA125_ , OTA/OKA160_ , OTA/OKA200_ , OTA/OKA250_	OZXB9
1x(95…240)		OTA/OKA315_ , OTA/OKA400_	OZXB9
2x(70…185)		OTA/OKA600_	OZXB4

Ordering information

16	Aluminium enclosed safety switches
20	Aluminium enclosed switch-disconnectors
23	Accessories

Ordering information

Aluminum enclosed safety switches

OTA16...40S3G

OTA63S3G

OTA16...40S3Y

OTA63S3Y

Front operated safety switches, 3-pole

The delivery includes: selector handle, fixed neutral and PE terminal. 1 NO auxiliary contact, cable entries with metric threaded holes with three compression type glands (IP65). Padlockable handle with cover interlock function.

Cable entries from top and bottom

Max. motor output / AC23A		Auxiliary	Enclosure dimensions					
up to 415v (kW/A)	690V (kW/A)	contacts max.	H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Grey enclosure, black selector handle								
7.5/16	7.5/10	2no+2nc	165	130	131	OTA16S3G	1SCA142663R1001	1,25
15/30	15/20	2no+2nc	165	130	131	OTA25S3G	1SCA142671R1001	1,45
22/45	15/20	2no+2nc	165	130	131	OTA40S3G	1SCA142675R1001	1,45
30/63	18.5/20	2no+2nc	165	130	131	OTA63S3G	1SCA142679R1001	1,45
Yellow enclosure, red selector handle								
7.5/16	7.5/10	2no+2nc	165	130	131	OTA16S3Y	1SCA142664R1001	1,25
15/30	15/20	2no+2nc	165	130	131	OTA25S3Y	1SCA142672R1001	1,45
22/45	15/20	2no+2nc	165	130	131	OTA40S3Y	1SCA142676R1001	1,45
30/63	18.5/20	2no+2nc	165	130	131	OTA63S3Y	1SCA142680R1001	1,45

LBAS345...390TPN

The delivery includes: black selector handle, neutral and PE terminal, 1 NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54. For IP65 protection compression glands must be used. The switch-disconnector is lockable.

Cable entries from top and bottom

Max. motor output / AC23A		Cable	Enclosure dimensions					
up to 500V (kW/A)	690V (kW/A)	entries up/down	H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Selector handle, dark grey cover								
22/45	15/20	2xM40/ 2xM40+1xM16	160	230	145	LBAS345TPN	2CMA142627R1000	1,75
37/58	18.5/20	2xM40/ 2xM40+1xM16	160	230	145	LBAS375TPN	2CMA142628R1000	1,75
45/70	45/50	2xM40/ 2xM40+1xM16	160	230	145	LBAS390TPN	2CMA142629R1000	1,75

Ordering information

Aluminum enclosed safety switches

OTA125P3B

OTA315P3B

OTA600P3B

Front operated safety switches, 3-pole

Safety switch including N- and PE-terminals. Two (125-160) or four (200-600) cable glands included. Padlockable black color pistol type handle with defeatable interlocking function. 1 NO and 1 NC auxiliary contacts included in 125A and 160A switches. 2NO and 2NC auxiliary contacts included in 200A to 600A switches.

Cable entries from bottom

Max. motor output / AC23A		Auxiliary contacts	Enclosure dimensions					Weight
up to 415V (kW/A)	690V (kW/A)	max.	H (mm)	W (mm)	D (mm)	Type	Ordering number	(kg)
Black pistol handle, grey enclosure								
55/125	55/70	2no+2nc	586	425	196	OTA125P3B	1SCA142583R1001	20,2
75/135	75/80	2no+2nc	586	425	196	OTA160P3B	1SCA142585R1001	20,2
110/200	160/200	2no+2nc	682	485	208	OTA200P3B	1SCA142587R1001	29,3
132/250	200/250	2no+2nc	682	485	208	OTA250P3B	1SCA142589R1001	29,3
160/315	250/315	2no+2nc	682	485	208	OTA315P3B	1SCA142591R1001	29,3
220/400	355/400	2no+2nc	682	485	208	OTA400P3B	1SCA142593R1001	29,3
315/540	560/551	2no+2nc	819	585	251	OTA600P3B	1SCA144287R1001	36,3

OTA125P3Y

OTA315P3Y

OTA600P3Y

Safety switch including N- and PE-terminals. Two (125-160) or four (200-600) cable glands included. Padlockable red/yellow color pistol type handle with defeatable interlocking function. 1 NO and 1 NC auxiliary contacts included in 125A and 160A switches. 2NO and 2NC auxiliary contacts included in 200A to 600A switches.

Cable entries from bottom

Max. motor output / AC23A		Auxiliary contacts	Enclosure dimensions					Weight
up to 415V (kW/A)	690V (kW/A)	max.	H (mm)	W (mm)	D (mm)	Type	Ordering number	(kg)
Red-yellow pistol handle, grey enclosure								
55/125	55/70	2no+2nc	586	425	196	OTA125P3Y	1SCA142584R1001	20,2
75/135	75/80	2no+2nc	586	425	196	OTA160P3Y	1SCA142586R1001	20,2
110/200	160/200	2no+2nc	682	485	208	OTA200P3Y	1SCA142588R1001	29,3
132/250	200/250	2no+2nc	682	485	208	OTA250P3Y	1SCA142590R1001	29,3
160/315	250/315	2no+2nc	682	485	208	OTA315P3Y	1SCA142592R1001	29,3
220/400	355/400	2no+2nc	682	485	208	OTA400P3Y	1SCA142594R1001	29,3
315/540	560/551	2no+2nc	819	585	251	OTA600P3Y	1SCA144288R1001	36,3

Ordering information

Aluminum enclosed safety switches

OTA16...40S4G

OTA63S4G

OTA16...40S4Y

OTA63S4Y

Front operated safety switches, 4-pole

The delivery includes: Selector handle, fixed neutral and PE terminal. 1 NO auxiliary contact, cable entries with metric threaded holes with three compression type glands (IP65). Padlockable handle with cover interlock function.

Cable entries from top and bottom

Max. motor output / AC23A		Auxiliary contacts	Enclosure dimensions					
up to 415V (kW/A)	690V (kW/A)	max.	H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Black selector handle, grey enclosure								
7.5/16	7.5/10	2no+2nc	165	130	131	OTA16S4G	1SCA142666R1001	1,25
15/30	15/20	2no+2nc	165	130	131	OTA25S4G	1SCA142673R1001	1,45
22/45	15/20	2no+2nc	165	130	131	OTA40S4G	1SCA142677R1001	1,45
30/63	18.5/20	2no+2nc	165	130	131	OTA63S4G	1SCA142681R1001	1,45
Red selector handle, yellow enclosure								
7.5/16	7.5/10	2no+2nc	165	130	131	OTA16S4Y	1SCA142670R1001	1,25
15/30	15/20	2no+2nc	165	130	131	OTA25S4Y	1SCA142674R1001	1,45
22/45	15/20	2no+2nc	165	130	131	OTA40S4Y	1SCA142678R1001	1,45
30/63	18.5/20	2no+2nc	165	130	131	OTA63S4Y	1SCA142682R1001	1,45

LBAS445...490TPSN

The delivery includes: black selector handle, switched neutral and PE terminal, 1 NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54. For IP65 protection compression glands must be used. The switch-disconnector is lockable.

Cable entries from top and bottom

Rated operational current/power AC23A		Cable entries	Enclosure dimensions					
up to 415V (kW/A)	690V (kW/A)	up/down	H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Selector handle, dark grey cover								
25/63	15/20	2xM40/ 2xM40+1xM16	160	230	145	LBAS445TPSN	2CMA142630R1000	1,75
37/75	18.5/20	2xM40/ 2xM40+1xM16	160	230	145	LBAS475TPSN	2CMA142631R1000	1,75
45/90	45/50	2xM40/ 2xM40+1xM16	160	230	145	LBAS490TPSN	2CMA142632R1000	1,75

Ordering information

Aluminum enclosed safety switches

LBAS675TPN

Front operated safety switches, 6-pole

The delivery includes: black selector handle, neutral and PE terminal, 1 NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54. For IP65 protection compression glands must be used. The switch-disconnector is lockable.

Cable entries from top and bottom

Rated operational current/power AC23A 500V (kW/A)	690V (kW/A)	Cable entries up/down	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Selector handle, dark grey cover								
37/58	37/20	2xM40/ 2xM40+1xM16	160	230	145	LBAS675TPN	2CMA142633R1000	1,75

LBAS316...325TPN,
LBAS416...425TPSN

Side operated safety switches, 3-pole

The delivery includes: dark grey plastic handle, neutral and PE terminal, 1 NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54. For IP65 protection compression glands must be used. The switch-disconnector is lockable.

Cable entries from top and bottom

Rated operational current/power AC23A 500V (kW/A)	690V (kW/A)	Cable entries up/down	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Dark grey side-operated handle, dark grey cover								
7.5/16	7.5/10	2xM25/2xM25	111	130	60	LBAS316TPN	2CMA142430R1000	0,57
11/25	11/16	2xM32/ 2xM32+1xM16	138	168	68	LBAS325TPN	2CMA142432R1000	0,80

Side operated safety switches, 4-pole

The delivery includes: dark grey plastic handle, switched neutral and PE terminal, 1 NO auxiliary contact, cable entries with metric threaded holes with membrane glands/sealing plugs IP54 (see table page 11). For IP65 protection compression glands must be used. The switch-disconnector is lockable.

Cable entries from top and bottom

Rated operational current/power AC23A 500V (kW/A)	690V (kW/A)	Cable entries up/down	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
Dark grey side-operated handle, dark grey cover								
7.5/16	7.5/10	2xM25/2xM25	111	130	60	LBAS416TPSN	2CMA142431R1000	0,57
11/25	11/16	2xM32/ 2xM32+1xM16	138	168	68	LBAS425TPSN	2CMA142433R1000	0,81

Ordering information

Aluminum enclosed switch-disconnectors

OKA16...40S3G

OKA63S3G

Front operated switch-disconnectors, 3-pole

The delivery includes: Black selector handle, fixed neutral and PE terminal. Cable entries with metric threaded holes. Two compression type glands (IP65). Padlockable handle with cover interlock function.

Cable entries from top and bottom

Rated operational current AC-22A 690V (A)	Cable outlets/top	Cable outlets/ bottom	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
16	2xM25+M20	2xM25+M20	165	130	131	OKA16S3G	1SCA142683R1001	1,25
25	2xM32+M20	2xM32+M20	165	130	131	OKA25S3G	1SCA142685R1001	1,25
40	2xM32+M20	2xM32+M20	165	130	131	OKA40S3G	1SCA142687R1001	1,25
63	2xM32+M20	2xM32+M20	165	130	131	OKA63S3G	1SCA142689R1001	1,45

OKA125...250P3B

OKA315...400P3B

OKA600P3B

Enclosed Switch Disconnector including N- and PE-terminals. Two (125-160) or four (200-600) cable glands included. Padlockable red/yellow color pistol type handle with defeatable interlocking function. 1 NO and 1 NC auxiliary contacts included in 125A and 160A switches. 2NO and 2NC auxiliary contacts included in 200A to 600A switches

Cable entries from top and bottom

Rated operational current AC-22A 690V (A)	Cable outlets/ bottom	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
125	2xø24-48mm+2xM20	586	425	196	OKA125P3B	1SCA142607R1001	20,2
160	2xø24-48mm+2xM20	586	425	196	OKA160P3B	1SCA142608R1001	20,2
200	4xø28-68mm+2xM20	682	485	208	OKA200P3B	1SCA142609R1001	29,3
250	4xø28-68mm+2xM20	682	485	208	OKA250P3B	1SCA142610R1001	29,3
315	4xø28-68mm+2xM20	682	485	208	OKA315P3B	1SCA142611R1001	29,3
400	4xø28-68mm+2xM20	682	485	208	OKA400P3B	1SCA142612R1001	29,3
600	4xø28-68mm+2xM20	8196	585	251	OKA600P3B	1SCA144286R1001	36,3

Ordering information

Aluminum enclosed switch-disconnectors

KSE363...3125TPN

KSE363D/TPN

Front operated switch-disconnectors, 3-pole

Enclosure in Aluminium alloy (Silumin) with metric threaded cable entries. Light grey box with dark grey cover. Operating handle in black PBT plastic. Delivery includes PE+neutral terminal and membrane glands (IP54) / sealing plugs. For IP65 degree of protection compression glands must be used.

Cable entries from top and bottom

Rated operational current AC22A 400V (A)	AC22A 500V (A)	AC22A 690V (A)	AC23A 500V (A)	Cable sizes up/down	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
63	63	63	45	2xM40/ 2xM40+1xM16	230	160	145	KSE363TPN	2CMA144580R1000	1,75
63	63	63	45	Closed/ 2xM40+1xM16	230	160	145	KSE363D/TPN	2CMA144581R1000	1,76
80	80	80	58	2xM40/ 2xM40+1xM16	230	160	145	KSE380TPN	2CMA144583R1000	1,75
100	100	100	60	2xM40/ 2xM40+1xM16	230	160	145	KSE3100TPN	2CMA144585R1000	1,83
125	125	125	70	2xM40/ 2xM40+1xM16	230	160	145	KSE3125TPN	2CMA144588R1000	1,84

Ordering information

Aluminum enclosed switch-disconnectors

OKA16...40S4G

OKA63S4G

Front operated switch-disconnector, 4-pole

The delivery includes: Black selector handle, fixed neutral and PE terminal. Cable entries with metric threaded holes. Two compression type glands (IP65). Padlockable handle with cover interlock function.

Cable entries from top and bottom

Rated operational current AC-22A 690V (A)	Cable outlets/top	Cable outlets/ bottom	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
16	2xM25+M20	2xM25+M20	165	130	131	OKA16S4G	1SCA142684R1001	1,25
25	2xM32+M20	2xM32+M20	165	130	131	OKA25S4G	1SCA142686R1001	1,25
40	2xM32+M20	2xM32+M20	165	130	131	OKA40S4G	1SCA142688R1001	1,25
63	2xM32+M20	2xM32+M20	165	130	131	OKA63S4G	1SCA142690R1001	1,45

KSE463...480TPSN

Enclosure in Aluminum alloy (Silumin) with metric threaded cable entries. Light grey box with dark grey cover. Operating handle in black PBT plastic. Delivery includes PE terminal and membrane glands (IP54) / sealing plugs. For IP65 degree of protection compression glands must be used.

Aluminium enclosed, IP65

Rated operational current AC22A 400V (A)	500V (A)	690V (A)	AC23A 500V (A)	Cable sizes up/down	Enclosure dimensions H (mm)	W (mm)	D (mm)	Type	Ordering number	Weight (kg)
63	63	63	45	2xM40/ 2xM40+1xM16	230	160	145	KSE463TPSN	2CMA144584R1000	1.75
80	80	80	58	2xM40/ 2xM40+1xM16	230	160	145	KSE480TPSN	2CMA144584R1000	1.75

Ordering information
Accessories

ESKV20

Compression glands, plastic, IP68

Includes	Cable DIA (mm)	Quantity	Type	Ordering number
Compression glands				
M20	6...13	1	ESKV20	1SCA022715R6070
M25	9...17	2	ESKV25	1SCA022715R6150
M32	13...21	2	ESKV32	1SCA022715R6230

EMCM20SET

Compression glands, EMC, metallic

Includes the locking nuts. IP67

Includes	Cable DIA (mm)	Quantity	Type	Ordering number
Compression glands				
M20	8....14	1	EMCM20SET	1SCA022713R3610
M25	10..16	1	EMCM25SET	1SCA022713R3700
M32	14...21	1	EMCM32SET	1SCA022713R3960

OHZX13

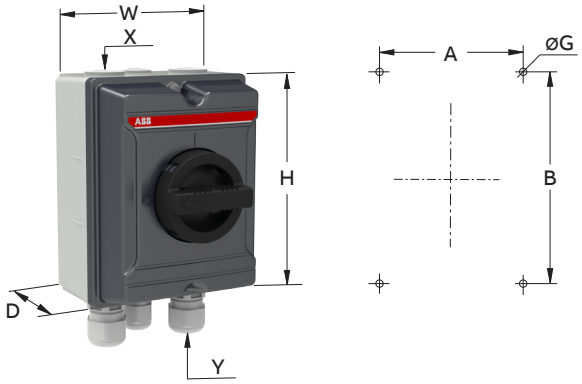
Metallic hasp for pistol handle

Quantity	Type	Ordering number
1	OHZX13	1SCA022841R5480

Dimension drawings

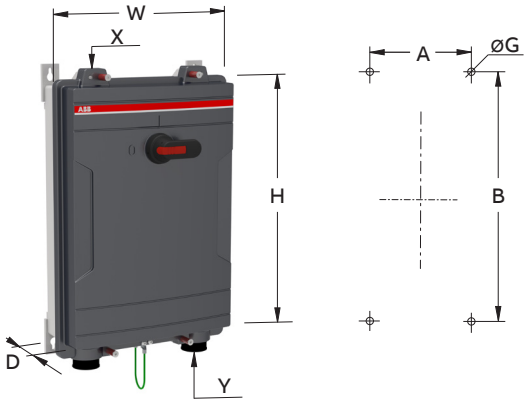
26 Enclosed safety switches and switch-disconnectors

Dimension drawings



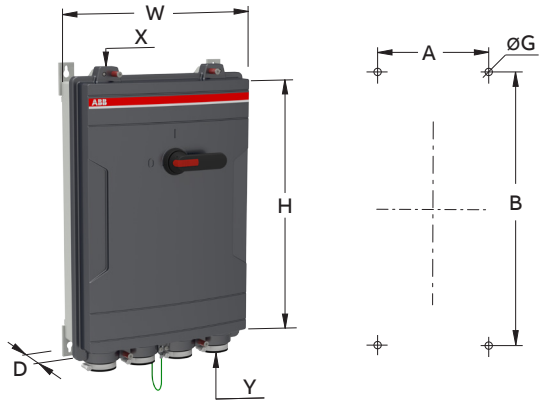
OTA16...63, OKA16...63

Size					Cable entry	Fixing dimensions		
H	W	D	X	Y	A	B	G
165	130	131	2xM25 + 1xM20	2xM25 + 1xM20	95	125	6,5



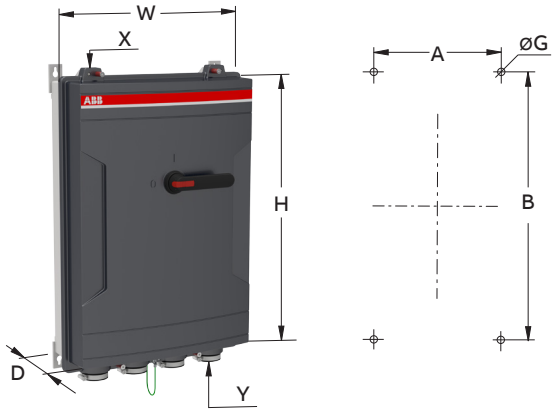
OTA125...160, OKA125...160

Size					Cable entry	Fixing dimensions		
H	W	D	X	Y	A	B	G
586	425	196	-	2xø24-48mm	365	615	9,8



OTA200...400, OKA200...400

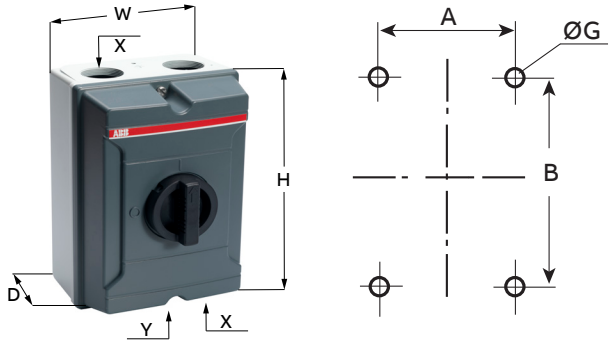
Size				Cable entry	Fixing dimensions		
H	W	D	X	Y	A	B	G
682	485	208	-	4xø28-68mm	425	710	9,8



OTA600, OKA600

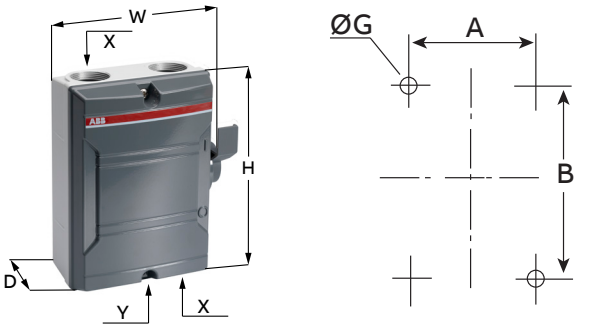
Size				Cable entry	Fixing dimensions		
H	W	D	X	Y	A	B	G
819	585	251	-	4xø28-68mm	525	840	9,8

Dimension drawings



KSE363...3125, KSE463...480

Size				Cable entry		Fixing dimensions	
H	W	D	X	Y	A	B	G
230	160	145	2xM40	1xM16	124	190	5.3



LBAS_16...LBAS_25

Size				Cable entry		Fixing dimensions	
H	W	D	X	Y	A	B	G
LBAS316_, LBAS416_							
130	111	60	2xM25	-	64	90	5
LBAS325_, LBAS425_							
168	138	68	2xM32	1xM16	90	27	5

For your notes

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