

Switching devices with dependent manual operation

SLD 63

2



SLD 63

Fuse-switch-disconnector.

- AC-21B according to IEC 60947-3 at 400 V.
- 3 modules or 38 mm width.
- Diazed fuses, DII or DIII.
- Sealing possibility.



PDA 10-50
Gauge pieces.



PBA 63
Seal cover.

Note:

- Switching devices to be tightened with a torque. For “Tightening torque” see page 5/6.
- For 10 – 25 A we recommend using reduction sleeve.

Designation	ID number	Degree of protection	Number of modules	Rated data		Cable connection Al/Cu	Numbers per kit	Weight
			M *			mm ²		kg/pcs
SLD 63	2CGX0 63050110	IP2X	3	400 V	63 A	1,5–25**	1	1,45

* 1 modul M = 12,5 mm.

** Max conductor cross section refers to connection with a stranded or solid conductor.

To be ordered separately:

Designation	ID number	Color	Number per kit	Rated current	Weight kg/pcs
				A	
PDA 10	2CGX0 53050131	Red	3	10	0,01
PDA 16	2CGX0 53050130	Grey	3	16	0,01
PDA 20	2CGX0 53050129	Blue	3	20	0,01
PDA 25	2CGX0 53050128	Yellow	3	25	0,01
PDA 35	2CGX0 53050127	Black	3	35	0,01
PDA 50	2CGX0 53050126	White	3	50	0,01
PBA 63	2CGX0 53050301	Transparent yellow	1	–	0,01

Switching devices with dependent manual operation

SLD 000, 80 A–100 A

2



- SLD 000**
Fuse-switch-disconnector.
- AC-23B according to IEC 60947-3 at 400 V.
 - 3 modules or 38 mm width.
 - Fuse NH 000 or C00 or linking knife KN 00.
 - Sealing possibility.



JDDA 000
Earthing device.



KSBD 00
Blocking device.



KN 00
Linking knife.



FHHD-A 000
Kit with detachable handle and adapter for fuse-switch-disconnector SLD 000. With this solution the depth is reduced with 35 mm.



FHH
Detachable handle to FHHD-A, SLD-FHD and FHD.

Note:

Switching devices to be tightened with a torque.
For “Tightening torque” see page 5/6.

Designation	ID No.	Degree of protection	Number of modules	Rated data		Cable connection Al/Cu	Numbers per kit	Weight
			M *	400 V	690 V			kg/pcs
SLD 000	2CGX0 63050106	IP2X **	3	100 A	80 A	2.5-95 ***	1	1.7

* One module M = 12.5 mm.

** IP1X with open device, depending on design of fuse.

*** Max conductor cross section refers to connection with a stranded or solid conductor.

To be ordered separately:

Designation	ID No.	Number of modules	Rated data	Numbers per kit	Weight
		M *			kg/pcs
JDDA 000	2CGX0 63190375	3	6.1 kA/1 s	1	2.2
KSBD 00	2CGX0 63190109	–	–	3	0.1
KN 00	2CGX0 53190319	–	160 A	3	0.1
FHHD-A 000	2CGX0 53050205	–	–	1	0.02
FHH	2CGX0 43050404	–	–	1	0.02

* One module M = 12.5 mm.

Switching devices with dependent manual operation

SLD 00, 160 A

2



SLD 00

Fuse-switch-disconnector.

- AC-23B according to IEC 60947-3 at 400 V.
- 4 modules or 50 mm width.
- Fuse NH 00 or linking knife KN 00.
- Sealing possibility.



JDDA 00

Earthing device.



KSBD 00

Blocking device.



KN 00

Linking knife



FHHD-A 00

Kit with detachable handle and adapter for fuse-switch-disconnector SLD 00. With this solution the depth is reduced with 35 mm.



FHH

Detachable handle to FHHD-A, SLD-FHD and FHD.

Note:

Switching devices to be tightened with the torque.

For "Tightening torque" see page 5/6.

Designation	ID No.	Degree of protection	Number of modules	Rated data		Cable connection Al/Cu mm ²	Numbers per kit	Weight
			M *	400 V	690 V			kg/pcs
SLD 00	2CGX0 63050107	IP2X **	4	160 A	160 A	2.5-95 ***	1	1.8

* One module M = 12.5 mm.

** IP1X with open device, depending on design of fuse.

*** Max conductor cross section refers to connection with a stranded or solid conductor.

To be ordered separately:

Designation	ID No.	Number of modules	Rated data	Number per kit	Weight kg/pcs
		M *			
JDDA 00	2CGX0 63190376	4	6.1 kA/1 s	1	2.3
KSBD 00	2CGX0 63190109	–	–	3	0.1
KN 00	2CGX0 53190319	–	160 A	3	0.1
FHHD-A 00	2CGX0 53050204	–	–	1	0.03
FHH	2CGX0 43050404	–	–	1	0.02

* One module M = 12.5 mm.

Switching devices with dependent manual operation

SLD-FHD, 100 A–160 A

2



FHD 000

The kit contains three single-pole fuse-holders and one handle.
Replaces the cover to SLD 000 when single-pole breaking.

KN 00

Linking knife



SLD-FHD 000

Fuse-switch-disconnector

- AC-21B according to IEC 60947-3 at 400 V.
- Three single-pole fuse-holders.
- Blade fuses type C00, NH 000 or linking knife KN 00.

SLD-FHD 00

Fuse-switch-disconnector

- AC-21B according to IEC 60947-3 at 400 V.
- Three single-pole fuse-holders.
- Blade fuses type typ NH 00 or linking knife KN 00.

FHD 00

The kit contains three single-pole fuseholders and one handle. Replaces the cover to SLD 00 when single-pole breaking.

Note:

Switching devices to be tightened with the torque.
For "Tightening torque" see page 5/6.

Designation	ID No.	Degree of protection	Number of modules	Rated data	Cable connection Al/Cu	Numbers per kit	Weight
			M *	230 V	mm ²		kg/pcs
SLD-FHD 000	2CGX0 63050116	IP2X **	3	100 A	2.5-95 ***	1	1.76
SLD-FHD 00	2CGX0 63050117	IP2X **	4	160 A	2.5-95 ***	1	1.89

* One module M = 12.5 mm.

** IP1X with open device, depending on design of fuse.

*** Max conductor cross section refers to connection with a stranded or solid conductor.

To be ordered separately:

Designation	ID No.	Degree of protection	Number of modules	Rated data	Number per kit	Weight
			M *			kg/pcs
FHD 000	2CGX0 53050225	IP2X **	3	100 A	3	0.10
FHD 00	2CGX0 53050226	IP2X **	4	160 A	3	0.12
KN 00	2CGX0 53190319		–	160 A	3	0.1

* One module M = 12.5 mm.

Switching devices with dependent manual operation

SLD 1, 250 A

2



SLD 1

Fuse-switch-disconnector.

- AC-23B according to IEC 60947-3 at 400 V.
- 10 modules or 120 mm width.
- Fuse NH 1 (max width 42 mm) or linking knife KN 1.



JDDA 1

Earthing device for SLD 1.



KSBD 2

Blocking device.



KN 1

Linking knife.



STM 400

Conductor rail with connector for current transformer metering. Dimensions of conductor rail are 25x13 mm.



ADP 300

Insulated connector for parallel conductors with fuse-switch-disconnectors SLD 1, SLD 2 and also circuit-breakers ABB Tmax T5.

Note:

Switching devices to be tightened with the torque.
For "Tightening torque" see page 5/6.

Designation	ID No.	Degree of protection	Number of modules	Rated data		Cable connection Al/Cu	Weight
			M *	400 V	690 V		kg/pcs
SLD 1	2CGX0 63050108	IP2X	10	250 A **	250 A	50-300 ***	4.3

* One module M = 12.5 mm.

** 250 A with fuse, 400 A with linking knife.

*** Max. conductor cross section refers to connection with a stranded or solid conductor.

To be ordered separately:

Designation	ID No.	Degree of protection	Rated data	Dimensions			Cable connection Al/Cu	Numbers per kit	Weight
				H	B	D			kg/pcs
JDDA 1	2CGX0 63190402	–	16.2 kA/1 s	–	–	–	–	1	0.4
KSBD 2	2CGX0 63190110	–	–	–	–	–	–	3	0.1
KN 1	2CGX0 53190345	–	400 A	–	–	–	–	3	0.2
STM 400	2CGX0 63090026	IP2X	400 V, 400 A	220	35	85	50-300	1	0.4
ADP 300	2CGX0 63090035	IP2X	690 V, 630 A	253	38	127	2//50-300	1	0,8

Switching devices with dependent manual operation

SLD 2, 100–400 A

2



SLD 2

Fuse-switch-disconnector

- AC-23B according to IEC 60947-3 at 400 V.
- 12 modules or 150 mm width
- Fuse NH 2 or linking knife KNB 2.
- Possibility for parallel operation
- Tested up to 1000 V for installation in dry indoor environments.
- When using SLD 2 in 1000V systems, fuses that are designed for 1000 V must be used.



JDDA 2

Earthing device.



PHD 2

Parallel handle for parallel operation of two SLD 2 in enclosures CDC.



PHD 2 SDC

Parallel handle for parallel operation of two SLD 2 in enclosures SDC and CSS switchgears.



KSBD 2

Blocking device.



KNB 2

Linking knife.



STM 400

Conductor rail with connector for current transformer metering. Dimensions of conductor rail are 25x13 mm.



ADP 300

Insulated connector for parallel conductors with fuse-switch-disconnectors SLD 1, SLD 2 and also circuit-breakers ABB Tmax T5.

Note:

Switching devices to be tightened with the torque.

For "Tightening torque" see page 5/6.

Designation	ID No.	Degree of protection	Number of modules	Rated data when voltage level			Cable connection Al/Cu	Weight
				400 V	690 V	1000 V		
			M *	A			mm ²	kg/pcs
SLD 2	2CGX0 63050109	IP2X	12	400 **	355	100	50-300 ***	4.6

* One module M = 12.5 mm.

** 400 A with fuse, 630 A with linking knife.

*** Max. conductor cross section refers to connection with a stranded or solid conductor.

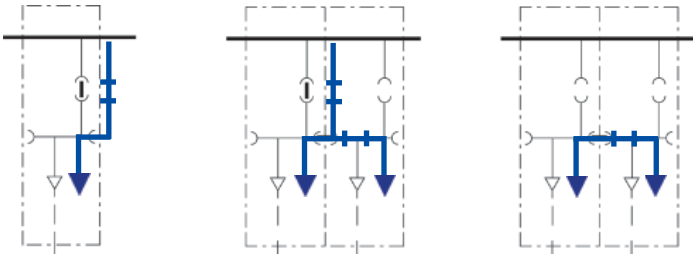
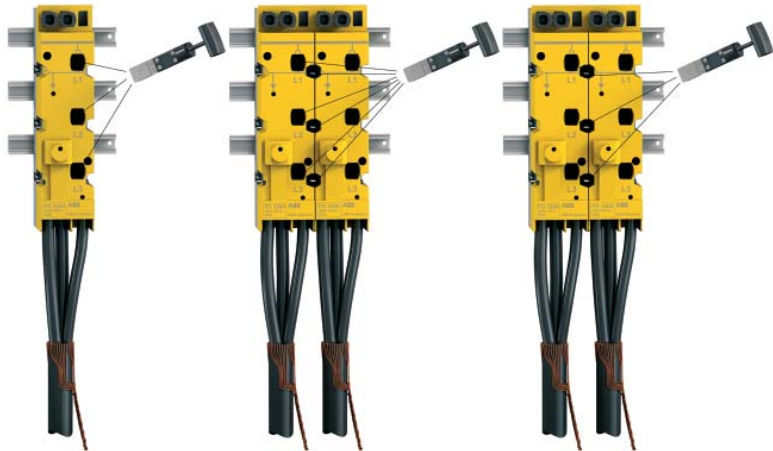
To be ordered separately:

Designation	ID No.	Degree of protection	Rated data	Dimensions			Cable connection Al/Cu	Numbers per kit	Weight
				H	B	D			
				mm			mm ²		kg/pcs
JDDA 2	2CGX0 63190401	—	16.2 kA/1 s	—	—	—	—	1	2.5
PHD 2	2CGX0 63090024	—	—	—	—	—	—	1	1.5
PHD 2 SDC	2CGX0 63090023	—	—	—	—	—	—	1	1.5
KSBD 2	2CGX0 63190110	—	—	—	—	—	—	3	0.1
KNB 2	2CGX0 53190321	—	630 A	—	—	—	—	3	0.2
STM 400	2CGX0 63090026	IP2X	400 V, 400 A	220	35	85	50-300	1	0.4
ADP 300	2CGX0 63090035	IP2X	690 V, 630 A	253	38	127	2//50-300	1	0.8

Disconnecter with dependent manual operation FD 3300, 400 A



FD 3300
Disconnecter.



Disconnecters are intended for single-pole breaking. By using the linking knives between adjacent disconnecters, the busbar system can be disconnected without stopping the current from the incoming cable passing through.



KFBF
Blocking device.

Note:
Switching devices to be tightened with the torque. For “Tightening torque” see page 5/6.

Designation	ID No.	Degree of protection	Number of modules	Rated data	Cable connection Al/Cu	Weight
			M *			kg/pcs
FD 3300	2CGX0 63030032	IP2X	7	500 V, 400 A	50-300 **	2.6

* One module M = 12.5 mm.
 ** Max. conductor cross section refers to connection with a stranded or solid conductor.

To be ordered separately:

Designation	ID No.	Weight
		kg/pcs
KFBF	2CGX0 63190112	0.1