

Switching devices with dependent manual operation, 100 A–630 A SLDL 2, SLDL 2-1P, SLDL 3, SLDL 3-1P

2

The fuse-switch-disconnector available in four variants:

- SLDL 2, 400 A for three-pole breaking.
- SLDL 2-1P, 400 A for single-pole breaking.
- SLDL 3, 630 A for three-pole breaking.
- SLDL 3-1P, 630 A for single-pole breaking.

Application area

SLDL is used in the low voltage part of substations and similar applications.

Standard

- Meets the requirements of IEC 60947-3.
- Degree of protection, IP2X.

Design

Fuse-switch-disconnectors' outer layer is made of fiber glass reinforced plastic with strength according to the requirements for use in substations.

- SLDL is 100 mm wide.
- Fits to the Kabeldon busbar system.
- To enable cable connection from above, the rear section of the apparatus can be reversed 180°. The handles' opening angle and direction are unchanged.
- The design allows visual inspection of the screw connections' mode after installation.
- The cable may be connected in the apparatus with clamps or cable lugs.
- Possibility for parallel operation of two SLDL.

Suitable fuse sizes

- For SLDL 2 and SLDL 2-1P use NH2.
- For SLDL 3 and SLDL 3-1P use NH2, NH3.



SLDL 2, SLDL 3
Three-pole fuse-switch-disconnector for 400 A and 630 A.



SLDL 3-1P
Single-pole fuse-switch-disconnector for 630 A.



SLDL 3
Three-pole fuse-switch-disconnector 630 A, mounted to connect the cable from above.

NOTE:

- SLDL does not fit in the cable distribution cabinets type CDC, SDC and KSIP.
- Terminal clamps must be ordered separately.
- Switching devices to be tightened with 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 *	V	A	mm ²	kg/pcs
SLDL 2	2CGX0 63050242	IP 2X	8	400	400	35-240	5,5
				690	400	2//95-240	
				1000	160		
SLDL 2-1P	2CGX0 63050243	IP 2X	8	230	400	35-240	5,3
				400	400	2//95-240	
				690	160		
SLDL 3	2CGX0 63050240	IP 2X	8	400	630	35-240	6,4
				690	500	2//95-240	
				1000	160		
SLDL 3-1P	2CGX0 63050241	IP 2X	8	230	630	35-240	6,2
				400	500	2//95-240	
				690	160		

* One module M = 12.5 mm.

Accessories

SLDL 2, SLDL 2-1P, SLDL 3, SLDL 3-1P



CS SLDL

Protective hood, used when connecting cable from above.



PHDL

Handle for parallel operation of two SLDL at once.



KNB 2

Linking knife for fuseless disconnection.



TCS 35-240

Terminal clamp for connection of a cable, 35–240 mm². TCS is delivered in set of 3.



TCD 50-240

Terminal clamp for parallel connection of two cables, 50–240 mm². TCD is delivered in set of 3.



KSBD 2

Blocking device protects against connection while working.

Accessories	Designation	ID No.	Weight
			kg/pcs
Protective hood	CS SLDL	2CGX0 63050244	0,05
Parallel handle	PHDL	2CGX0 63050249	0,2
Linking knife	KNB 2	2CGX0 53190321	0,1
Terminal clamp, single	TCS 35-240	2CGX0 53050279	0,5
Terminal clamp, parallel	TCD 50-240	2CGX0 53050280	0,8
Blocking device	KSBD 2	2CGX0 63190110	0,1

Terminal clamp	Fits to cable with	Conductor cross section
		mm ²
TCS 35-240	sector-shaped stranded conductor	35-240
	sector-shaped solid conductor	35-300
	round stranded conductor	16-185
	round solid conductor	16-240
TCD 50-240	sektor stranded conductor	2//95-240
	sektor solid conductor	2//120-300
	round stranded conductor	2//50-185
	round solid conductor	2//70-240