

Introduction

Product overview



	XLP 1-pole	XLP 2-pole	XLP000 Compact design for NH00C DIN-fuses (width = 21 mm)	XLP00, XLP1, XLP2 and XLP3	XLP 4-pole
Rated operational voltage	220VDC / 500 - 690VAC	220 - 440VDC / 500 - 690VAC	400 - 690VAC	400 - 800VAC	550VAC
Rated operational current	160 - 630A	160 - 630A	50 - 100A	125 - 630A	160 - 630A

Available accessories

Micro auxiliary switches	● (1 or 2 pcs per pole)	● (1 or 2 pcs per pole)	● (1 or 2 pcs)	● (1 or 2 pcs)	● (1 or 2 pcs)
Auxiliary switches, 1 NO or 1 NC acc. to IEC 60947-5-1				●	
Cable shroud	● (Single cable shroud per phase)	● (Single cable shroud per phase)	● Integrated (IP20)	●	●
Cable clamps	●	●	● Integrated (for 1,5 - 35 mm ² cables)	●	●
Front frames	●	●	● (for 1 - 3 devices)	●	●
Padlocking	●	●		●	●
Sealing facility	●	●	●	●	●
Snap-on for DIN rail mounting			●	●	
Electronic fuse monitoring (EFM)				●	
Busbar adapter for 40 mm				● (only XLP00)	
Busbar adapter for 60 mm				● (only XLP00 and XLP1)	

DIN-type HRC-fuse links, gG- and aM- types can be used with EasyLine XLP00, XLP1, XLP2 and XLP3.

For more information refer to the catalog Fusegear, code 1SCC317001C0201.



Technical data

XLP 3-pole

	XLP000			XLP00					XLP1				XLP2			XLP3	
	NH000/NH00C max width = 21 mm			NH000/NH00					NH1				NH2			NH3	
For NH fuse links acc. to IEC60269-1/-2/-4	400	500	690	400	500	690	800	1000	500	690	800	800	500	690	800	500	690
Rated operational voltage U_e AC (V)	80	100	50	125	160	125	63	125	250	200	160	250	400	315	400	630	500
Rated operational current I_e AC (A)	100			160		63			125		250		400		630		
Thermal current with fuse link I_{th} (A)	AC23B	AC22B	AC21B	AC23B	AC22B	AC21B	AC22B	AC22B	AC22B	AC21B	AC22B	AC22B	AC22B	AC21B	AC22B	AC22B	AC21B
Utilization category																	
Rated insulation voltage U_i (V)	690			1000					1000				1000			1000	
Rated impulse withstand voltage U_{imp} (kV)	6			8					8				8			8	
Rated conditional short circuit current (kArms)	50	100	80	50	100	80	50	120**	100	80	50	120*	100	80	120*	100	80
Rated frequency (Hz)	50 - 60			50 - 60					50 - 60				50 - 60			50 - 60	
Power loss at I_{th} without fuse link/per phase (W)	1,4			3,5					7,5				13			24	
Max allowed poweloss in the Fuse per phase (W)	7,5			12					23				30			48	
Electrical durability	300			200					200				200			200	
Mechanical durability	1700			1400					1400				800			800	
Degree of protection from the front acc. to IEC60529	Open	IP20		IP20 ¹⁾					IP20 ¹⁾				IP20 ¹⁾			IP20 ¹⁾	
	Closed	IP30		IP30 ¹⁾					IP30 ¹⁾				IP30 ¹⁾			IP30 ¹⁾	

Type tested according to EN/IEC 60947-3

* Tested with g5 fuse

** Tested with aR fuse

¹⁾ For 60 mm Busbar System types IP20/30 can only be achieved with either Cable shroud or Front frame

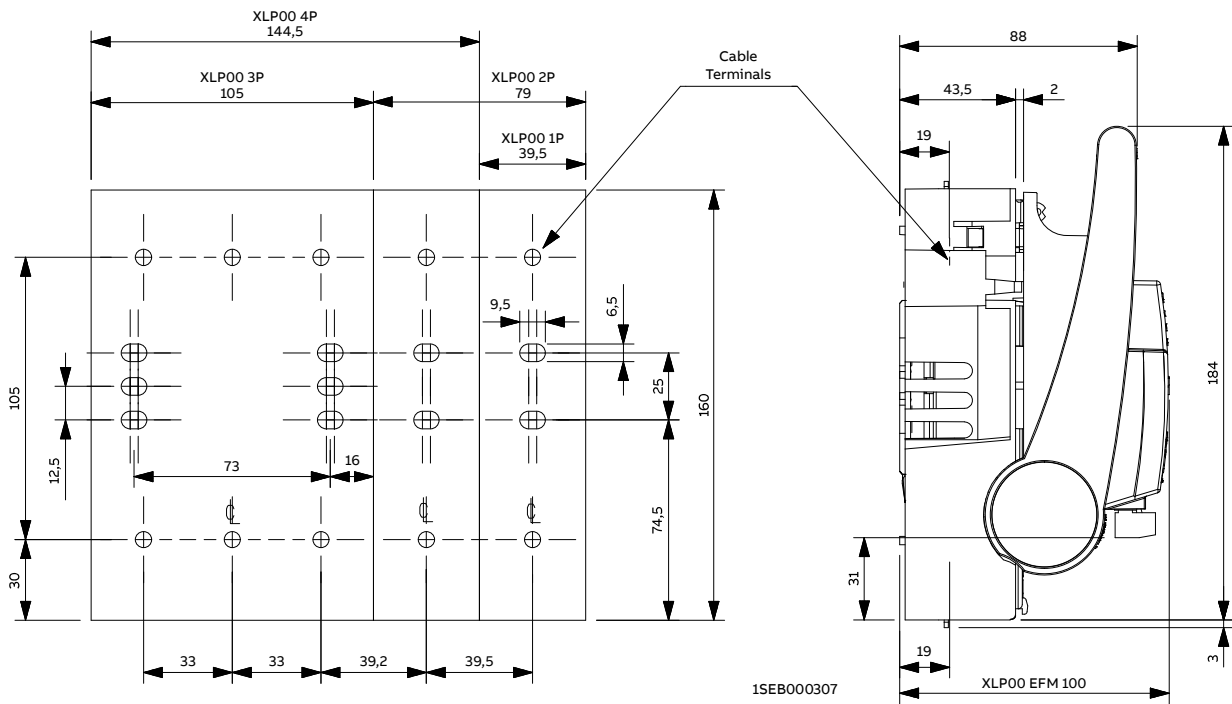
XLP 4-pole

	XLP00			XLP1			XLP2			XLP3		
	NH000/NH00			NH1			NH2			NH3		
For NH fuse links acc. to IEC60269-2-1												
Rated operational voltage U_e AC (V)	500			500			500			500		
Rated operational current I_e (A)	160			250			400			630		
Thermal current with fuse-link I_{th} (A)	160			250			400			630		
Utilization category	AC22B			AC22B			AC22B			AC22B		
Rated insulation voltage U_i (V)	1000			1000			1000			1000		
Rated impulse withstand voltage U_{imp} (kV)	8			8			8			8		
Rated conditional short circuit current (kArms)	50			50			50			50		
Rated frequency (Hz)	50 - 60			50 - 60			50 - 60			50 - 60		
Power loss (I_{th}) without fuselink, per phase (W)	3,5			7,5			13			24		
Electrical durability	200			200			200			200		
Mechanical durability	1400			1400			800			800		
Degree of protection from the front acc. to IEC60529	Open	IP20		IP20			IP20			IP20		
	Closed	IP30		IP30			IP30			IP30		

Dimensional drawings

XLP00 and XLP1

XLP00



XLP1

