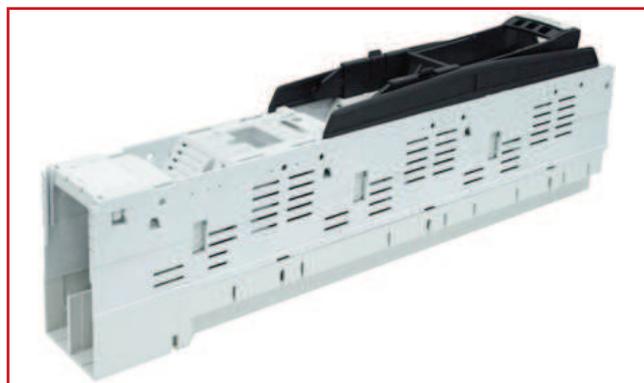


**■ DATASHEET:**  
HRC-IN-LINE-FUSE ARROW LINE SIZE 3, 3POLE, 630A, M12,  
FOR 185MM-BUSBAR-SYSTEM



**■ SCHRACK-INFO**

NH-strip-type fuse-switch-disconnector acc. to IEC/EN 60947-3, VDE 0660 part 107;

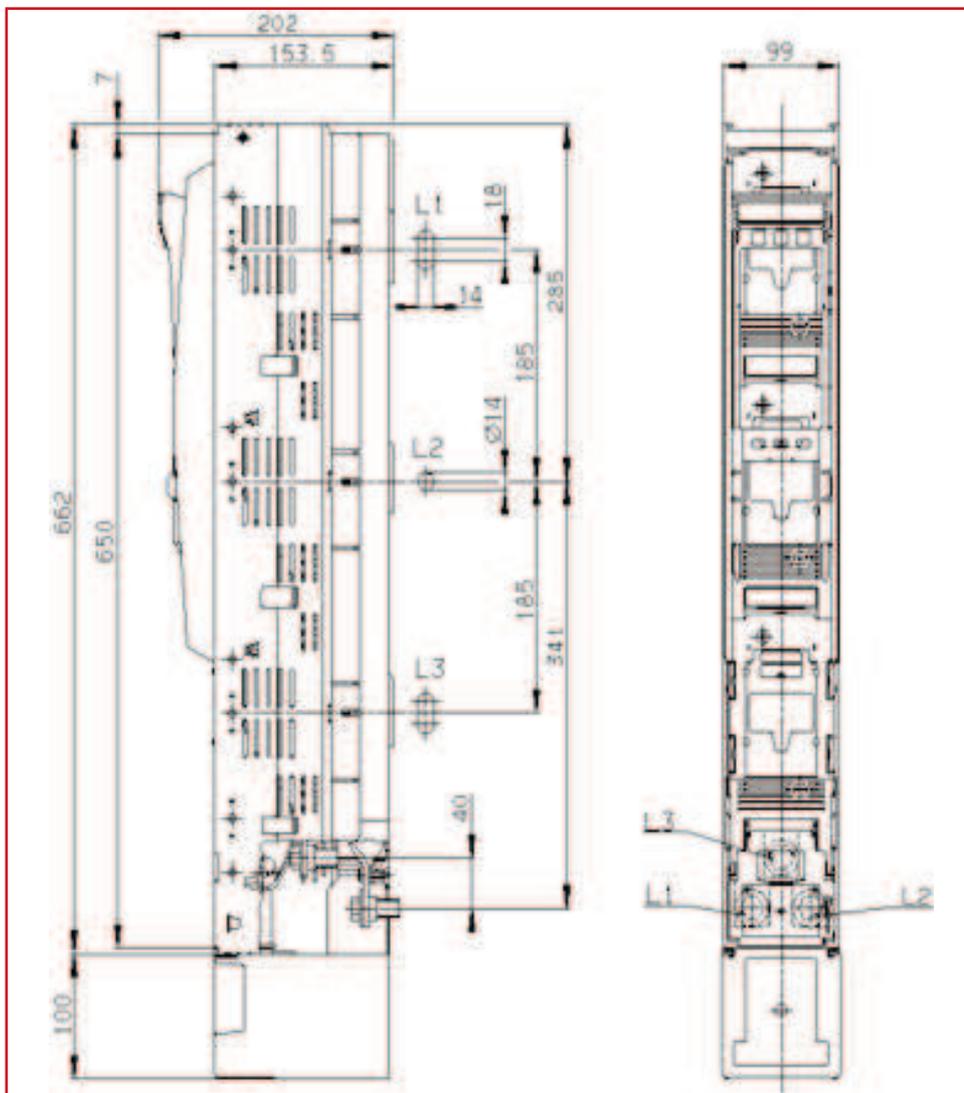
- With cable connection at bottom side, optional at top side
- Width 100mm, for permanent mounting technology
- All parts of LSL made from halogenfree, self-extinguishing material
- Base part as carrier of current carrying components made from glassfibre reinforced polyester
- Fuse holding contacts with sacrificial electrode and short-circuit interlock
- With access points for safety voltage measurement on the fuseholding contact
- Protection degree IP30, from front side, device closed, with clamp- and side cover
- Protection degree IP10, switching element open
- Type label visible in built-in condition;
- suitable for insertion of piggy-back fuse-adapters
- Lockable in closed position and in stand-by position with up to 3 padlocks

**■ TECHNICAL DATA**

Size	NH3
Busbar distance	185mm
poles	3
Switching mode	3pole switchable
Applicable for fuse-links	NH1, NH2 and NH3
Rated operating voltage	690V
Rated operating current	630A
Current measurement	No
Conv. free air thermal current with fuse-links	630A
Conv. free air thermal current with solid links	800A
Rated impulse voltage	12kV
Rated isolation voltage	1000V
Rated frequency	40 - 60Hz
Contact system	DELTA-contact system with low power loss
Total power loss at $I_{th}$ (without fuse-link)	115W
Utilization category	AC-21B (630A/690V) AC-22B (630A/500V) AC-23B (630A/400V)
Rated conditional short-circuit current	120kA (AC 500V)
Rated short-time withstand current	10kA
Max. permissible power dissipation per fuse-link	48W
Ambient temperature	-25 up to +55°C
Ambient temperature	>35°C derating of rated current required

Type of Actuation	Dependent manual operation
Mounting position	vertical / horizontal
Altitude	2000m
Pollution degree	3
Overvoltage category	IV
Electrical endurance (switching cycles)	200
Mechanical endurance (switching cycles)	800
Degree of protection	IP30
Cable terminal	Flat terminal M12
Cable lug (DIN 46 235)	1 x 25-300mm <sup>2</sup> (max. 43mm width)
Tightening torque	35-40Nm

## DIMENSIONS



DESCRIPTION	EAN-CODE	ORDER NO.
HRC-in-line-fuse ARROW LINE size 3, 3pole, 185mm-system	9004840689303	ISA05320