



NH fuse switch-disconnector, 125A, 500V, size 000, width 63 mm

Part no. LTS-100/C00/3-R  
 Catalog No. 284690

### Delivery program

Product range			60 mm system
Subrange			NH fuse switch-disconnectors
Description			Including handguard at top and bottom Mounting without holes
Function			For surface mounting on busbars
Number of poles			3 pole
Connection			Box terminal 1.5...50 mm <sup>2</sup> Bottom
Interval between busbar centres		mm	60
<b>Max. fuse</b>			
500 V		A	125
Frame size			NH000
For use with			20 x 5/10 30 x 5/10
For use with			Double T profile

### Technical data

#### General

Standards			IEC/EN 60947-3
Ambient temperature			-25 - +55
Altitude		m	Max. 2000
Interval between busbar centres		mm	60
Mounting position			Vertical or horizontal
Overvoltage category/pollution degree			III/3
Protection type			IP20 (Operating state) IP10 (Front cover open)
Degree of protection, from the front			
Operational state			IP20
Front cover open			IP10
Direction of incoming supply			as required
Lifespan, mechanical	Operations		1400
Weight		kg	0.57

#### Contacts

Rated operational voltage	U <sub>e</sub>	V AC	500
Rated operational current	I <sub>e</sub>	A	125
Rated frequency	f	Hz	40 - 60
Rated conditional short-circuit current AC	I <sub>q</sub>	kA <sub>eff</sub>	50
Utilization category AC22B			
Rated making capacity		A	300
Rated breaking capacity		A	300
Lifespan, electrical	Operations		200
Electrical		Operations	≥ 200
Lifespan, mechanical	Operations		1400
Heat dissipation at I <sub>th</sub> AC, without NH-SE		W	18
Rated insulation voltage	U <sub>i</sub>	V AC	500

Rated impulse withstand voltage	$U_{imp}$	kV	8
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### Max. fuse

Frame size			NH000
Max. rated current, gL/gG		A	125
Max. admissible heat dissipation NH-SE	$P_v$	W	8

### Terminal capacity

Box terminal			
Stranded		mm <sup>2</sup>	1.5 - 50
Copper strip	Number of segments x width x thickness	mm	6 x 9 x 0.8

### Notes

Fuse-link

## Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	55

## Technical data ETIM 7.0

Low-voltage industrial components (EG000017) / Fuse switch disconnecter (EC001040)

Electric engineering, automation, process control engineering / Low-voltage switch technology / Off-load switch, circuit breaker, control switch / Fuse switch disconnecter (ec1@ss10.0.1-27-37-14-01 [AKF058013])

Version as main switch			No
Version as safety switch			No
Max. rated operation voltage $U_e$ AC		V	500
Rated permanent current $I_u$		A	100
Rated operation power at AC-23, 400 V		kW	0
Conditioned rated short-circuit current $I_q$		kA	50
Rated short-time withstand current $I_{cw}$		kA	0
Suitable for fuses			NH000
Number of poles			3
With error protection			No
Type of electrical connection of main circuit			Screw connection
Cable entry			Other
Equipped with connectors			No
Suitable for ground mounting			No
Suitable for front mounting 4-hole			No
Suitable for busbar mounting			Yes
Type of control element			Cover grip
Position control element			Front side
Motor drive optional			No
Motor drive integrated			No
Version as emergency stop installation			No
Degree of protection (IP), front side			IP20

## Dimensions

