

# EM-CPS-DISC-NH000/125A - Switch disconnecter



1151613

<https://www.phoenixcontact.com/us/products/1151613>

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LV HRC fuse switch disconnecter size 000 with CrossLink®-interface, 125 A, connection bottom/top, with box terminals

## Commercial data

Item number	1151613
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	C470
Product key	DK78Z1
GTIN	4063151149062
Weight per piece (including packing)	532 g
Weight per piece (excluding packing)	532 g
Customs tariff number	85362090
Country of origin	DE

## Technical data

### Notes

Notes on safety	Switch-fuse units in accordance with IEC 60947-3 may only be operated beyond the rated operating voltage if they are used as fuse disconnectors without load switching function up to rated insulation voltage and are also marked accordingly.
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### Product properties

Product family	CrossPowerSystem
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### Electrical properties

Rated insulation voltage	800 V AC
	500 V DC
Rated voltage	690 V AC
	440 V DC
Rated surge voltage	6 kV
Rated current	125 A
Short-circuit current	50 kA (690 V AC / 80 A)
	80 kA (400 V AC / 125 A)
	100 kA (400 V AC / 100 A)
Max. allowable voltage	800 V DC
Power dissipation	6.7 W (100 A)
	10.5 W (125 A)

### Connection data

Conductor cross-section rigid	2.5 mm <sup>2</sup> ... 16 mm <sup>2</sup>
Conductor cross-section flexible	2.5 mm <sup>2</sup> ... 50 mm <sup>2</sup>

### Dimensions

Width	49.5 mm
Height	174.5 mm
Depth	96 mm

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection (Front)	IP30 (Front)
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## Classifications

### ECLASS

ECLASS-13.0	27371403
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### ETIM

ETIM 9.0	EC000216
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### UNSPSC

UNSPSC 21.0	39122200
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## Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes, No exemptions
China RoHS	
Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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