

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



1151613

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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

1151613

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

## 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.
-----------------	---

### Product properties

Product family	CrossPowerSystem
----------------	------------------

### 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)
------------------------------	--------------

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



1151613

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

## Classifications

### ECLASS

ECLASS-13.0

27371403

### ETIM

ETIM 9.0

EC000216

### UNSPSC

UNSPSC 21.0

39122200

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



1151613

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

## 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%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)