

NH fuse switch-disconnector size 000, 125 A, bus-mounting, connection top/bottom (33 216)



## Description

### Article

Part No.: 33 216

QUADRON® 60Classic

NH fuse switch-disconnector size 000, 125 A, bus-mounting, connection top/bottom

box terminal

for busbars 12, 15, 20, 25, 30 x 5, 10 and section busbars

### System

60Classic

Product group 09

Subgroup 22

pack size 1

EAN 4021267332167

### Advantages of the product

Self-closing inspection holes are available in the cover.

eCl@ss 6.1 27142108

eCl@ss 7.1 27142108

ETIM 4.0 EC001040

ETIM 5.0 EC001040

## Approvals

### Standards

IEC 60947-1:2007 + A1:2010 + A2:2014

IEC 60947-3:2008 + A1:2012

### Approvals

IEC (CB), UL, Germanischer Lloyd, CCC



for UL feeder circuits >250V

Type number: LTS-000

UL file: E230163, UL category (for USA): IZLT2 <http://www.ul.com>

CCC certificate: 2004010302117260

## Product data

### Electrical data

Rated current (IEC): 125 A

Rated voltage (IEC) AC: 690 V

Rated voltage (IEC) DC: 440 V

Rated current (UL): 125 A

Rated voltage (UL) AC: 600 V

Utilisation category AC (IEC 60947-3) :	AC-23B (400 V)
	AC-22B (500 V)
	AC-21B (690 V)
Utilisation category DC (IEC 60947-3) :	DC specifications: 2 current paths (L1,L3) in series
	DC-22B (440V/63A)
	DC-22B (220V/100A)
	DC-21B (440V/80A)
	DC-21B (220V/125A)

Power dissipation:

The power dissipation at a typical load of 80% of the rated current results to 6.7 W.

(The power dissipation for operation with rated current would be 10.5 W.)

rated isolation voltage $U_i$ (AC):	800 V
Rated surge voltage $U_{imp}$ :	6 kV
max. permitted voltage (IEC) AC:	800 V
max. permitted voltage (IEC) DC:	800 V

cond. rated short-circuit current with fuses:	50 kA / 690 V (50A)
	50 kA / 500 V (100A)
	50 kA / 400 V (125A)
approved with fuse links of characteristics:	gG

SCCR: 100 kA

for fuse links IEC 60269-2-1 / DIN VDE 0636-201 size 000 (max. 21mm wide) up to 9W power dissipation

Special operating conditions corresponding to IEC / EN 61439-1 may yield to faulty activations of pilot switches and fuse monitors. The operating conditions have to be considered for the analysis of status signals.

In accordance with the specified AC and DC switching properties and in consideration of the overload conditions, certain distances to earthed metal parts are to be adhered to. detailed information upon inquiry

When several devices are used side-by-side in continuous operation, the rated load factor specified in IEC / EN 61439-1, Table 1, must be observed.

Degree of protection IP30 at front, degree of protection near terminal depends on installation

### **Mechanical data**

W x H x D: 89 x 200 x 90

Weight: 113 kg/100

Poles: 3-pole

for busbars: 12, 15, 20, 25, 30 x 5, 10 and section busbars

front degree of protection: IP30

Type of fastening: patented click mechanism

### **Terminal points**

Box terminal:

2,5 -50mm<sup>2</sup> flexible cables,

1,5 -50mm<sup>2</sup> flexible cables with wire-end ferrules

1,5 - 10mm<sup>2</sup> solid round

16 - 50mm<sup>2</sup> stranded round

(flexible cables of maximum cross-section may not fit when using wire-end ferrule)

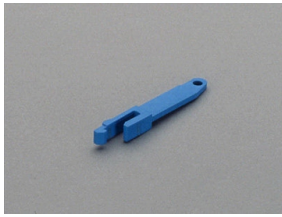
la. Cu. 6-9 mm wide

Terminal space 10mm x 10mm

## Material properties

Main body:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 600, halogen-free
Shock protection cover:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200
Handle:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200
Adapter plate:	temperature stability 125°C, self-extinguishing in acc. to UL 94, creepage resistance CTI 200
Contacts:	spring-loaded copper contacts, silver plated

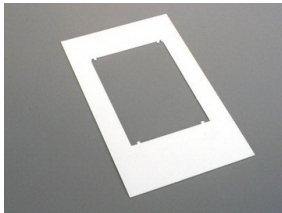
## Accessories



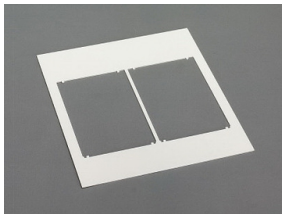
**33 051**  
lid interlock  
for sealing wire  
Size 000



**33 156**  
pilot switch  
changeover 250 V AC / 5 A; 30 V DC / 4 A



**33 219**  
Trim frame, single  
130 x 210  
size 000



**33 220**  
Trim frame, double  
200 x 210  
size 000