

Circuit diagram

LINE

L1

N

PE

L1'

N'

PE

LOAD

Allgemeine Toleranzen

General tolerances

Tolérances en général

L + 50%  
- 30%

C ± 20%

R ± 10%

Daten (single phase) data

caractéristiques

Nennstrom  
bei Umgebungstemp.

rated current  
at an ambient temp.

courant nominal  
à une température ambiante

23 A

40 °C

Nennspannung

rated voltage

tension nominal

max. 250 V, 50/60Hz

Betriebsfrequenz

operating frequency

fréquence de service

max. 60 Hz

Ableitstrom nominal

Nominal operational leakage

courant nominal

Spannung P-E / Frequenz

250 VAC 50 Hz

I<sub>lk</sub> 26.70 mA

Maximaler Ableitstrom

Max leakage current

courant maximale de fuite

Unterbruch des Nulleiters

with interruption of  
the neutral conductor

avec l'interruption du  
conducteur neutre

Spannung P-E / Frequenz

250 VAC 50 Hz

I max. 51.81mA

DC-Widerstand

DC-resistance

DC-résistance

@25 °C max. 2 x 10.5 mOhm

Pruefspannung  
100% Schlusskontr.

test voltage  
100% final test

tension d'essais  
contrôle final 100%

P/N->E 2.2 kV/DC ≥ 2s

P->N 1.1 kV/DC ≥ 2s

Wiederholung mit max. 80%  
der angegebenen Werte

repetition with max. 80%  
of the specified values

répétition avec max. 80%  
des valeurs spécifiques

Zulaessige Betriebstemp.

temperature range

gamme de température

- 25°C bis/to/à + 85 °C

Klimatische Pruefklasse

climatic test class

classe d'essais climatique

25/085/21

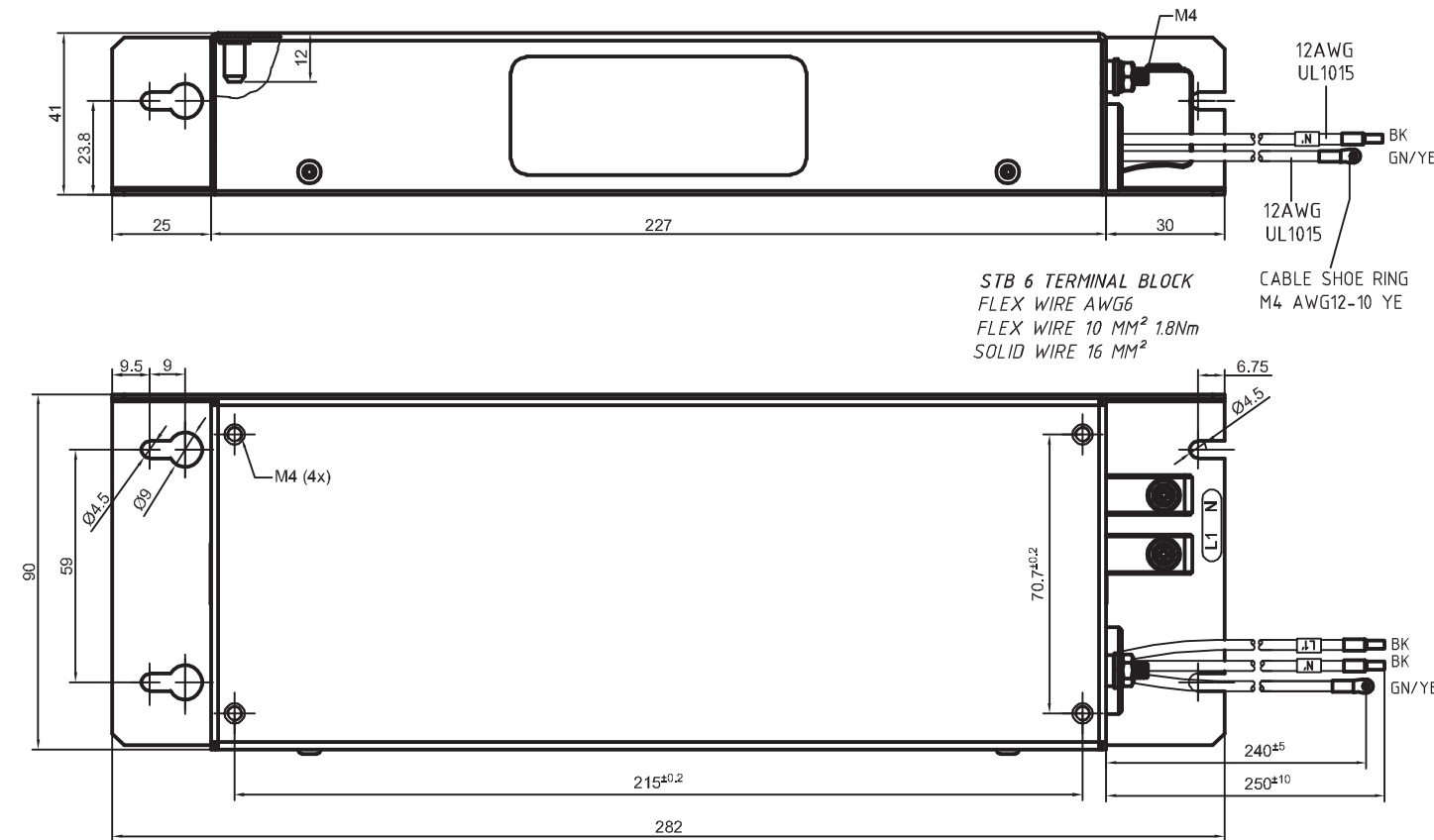
(IEC/CEI 60068-1)

FS33221-23-07

122581

F

Dimensions (mm)



| Zusatzangaben                       | additional information                                                 | informations supplémentaires                                                                                                                                                                        |
|-------------------------------------|------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vergussmasse                        | potting compound                                                       | matière de moulage                                                                                                                                                                                  |
| Gewicht                             | weight                                                                 | poids                                                                                                                                                                                               |
| Pruefzeichen                        | approvals                                                              | homologations                                                                                                                                                                                       |
| <input type="checkbox"/> CSA / C-US | UL 1283 C 22.2 No.8                                                    | <input checked="" type="checkbox"/> CSA C 22.2 No.8 <input checked="" type="checkbox"/> UL UL 1283 <input type="checkbox"/> ENEC IEC/EN 60939 <input type="checkbox"/> VDE <input type="checkbox"/> |
| Zusätzliche Angaben:                | Additional remarks: <b>Nidec Control Techniques Part No. 4200-3000</b> |                                                                                                                                                                                                     |
| Remarques additionals:              |                                                                        |                                                                                                                                                                                                     |
| Fuer Masse ohne Toleranz            | for dimensions without tolerance                                       | pour mesure sans tolérance                                                                                                                                                                          |
|                                     |                                                                        | ISO2768-m/EN22768-m                                                                                                                                                                                 |

Datenblatt (single phase)

data sheet

fiche technique

|                                                                                                                                                                                                             |                                                |            |                          |       |             |          |            |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------|--------------------------|-------|-------------|----------|------------|--------|
| F                                                                                                                                                                                                           | 20003551,Add customer name Nidec Control...    | 20.02.2018 |                          | %     | A3          | created  | 13.02.2018 | LAMASR |
| E                                                                                                                                                                                                           | 20003139,Change CT label from Emerson to Nidec | 18.09.2017 |                          |       |             | checked  | 13.02.2018 | LAMEYO |
| D                                                                                                                                                                                                           | 20001142,CE-Declaration for FS3322x-Series     | 27.01.2016 |                          |       |             | released | 20.02.2018 | LAMEYO |
| C                                                                                                                                                                                                           | 150631,Add c-UR-us mark (No.7)                 | 23.09.2014 | projection               | scale | format      | status   | date       | user   |
| B                                                                                                                                                                                                           | 50004669,add customer number                   | 26.11.2013 | FS33221-23-07<br>project |       |             |          |            |        |
| A                                                                                                                                                                                                           |                                                | 11.11.2013 |                          |       |             |          |            |        |
| rev.                                                                                                                                                                                                        | modification / report no.                      | date       | 813742<br>mat. number    |       |             |          |            |        |
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| Template: SPC 144312A                                                                                                                                                                                       |                                                |            | doc. type                |       | doc. number |          | doc. rev.  | page   |