

Circuit diagram

LINE

L1

N

PE

LOAD

L1'

N'

PE

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

25 A

40 °C

Nennspannung

rated voltage

tension nominal

max.

110 V, 50/60Hz

Betriebsfrequenz

operating frequency

fréquence de service

max.

60 Hz

Ableitstrom nominal

Nominal operational leakage

courant nominal

Spannung P-E / Frequenz

110 VAC 50 Hz

I_{lk} . 11.75 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

110 VAC 50 Hz

I max. 23.07 mA

DC-Widerstand

DC-resistance

DC-résistance

@25 °C

max.

2 x 9.7 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)

FS33221-25-07

122282

G

Dimensions (mm)

41

23.8

25

206

30

12

M4

12 AWG
UL1015

BK
GN/YE

12 AWG
UL1015

CABLE SHOE RING
M4 AWG12-10 YE

STB 6 TERMINAL BLOCK
FLEX WIRE AWG6
FLEX WIRE 10 MM² 1.8Nm
SOLID WIRE 16 MM²

9.5

9

78

53.4

Ø4.5

Ø4.5

M4 (4x)

55±0.2

190±5

245±10

6.75

Ø4.5

194±0.2

261

Zusatzangaben

additional information

informations supplémentaires

Vergussmasse

potting compound

matière de moulage

Polyurethane

Gewicht

weight

poids

900 g

Pruefzeichen

approvals

homologations

☐ CSA / C-US

UL 1283
C 22.2 No.8

☒ CSA C 22.2 No.8

☒ UL UL 1283

☐ ENEC IEC/EN 60939

☐ VDE

☐

Zusätzliche Angaben:

Additional remarks:

Remarques additionals:

Nidec Control Techniques Part No. 4200-2000

CE

RoHS
COMPLIANT

Fuer Masse ohne Toleranz

for dimensions without tolerance

pour mesure sans tolérance

ISO2768-m/EN22768-m

Datenblatt (single phase)

data sheet

fiche technique

G

20003551,Add customer name Nidec Control...

21.02.2018

F

20003139,Change CT label from Emerson to Nidec

18.09.2017

E

20001142,CE-Declaration for FS3322x-Series

27.01.2016

D

150631,Add c-UR-us mark (No.7)

23.09.2014

C

50004669,add customer number

26.11.2013

B

50004655,increase width to 78 mm.

22.11.2013

rev.

modification / report no.

date

%

A3

projection

scale

format

created

checked

released

13.02.2018

13.02.2018

21.02.2018

LAMASR

LAMEYO

LAMEYO

status

date

user

FS33221-25-07

project

813709

mat. number

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DSH

122282

G

1 / 1

Template: SPC 144312A

doc. type

doc. number

doc. rev.

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