Data sheet

Commercial Art.No.: 78.203.0453.0

modular insert FLE BUF 4 2,5 40 AG

Modular connector system 4 pole female insert, 400V/14A, spring clamp connection



Commercial Art.No.	78.203.0453.0
EAN	4015573743304
Order Unit	10

certificates / approvals

Technical data

general

model	female insert
inflammability class of insulation material acc. with UL94	V0
color	grey
mating cycles	200
pollution degree	3
suitable for modular version	yes
operating temperature range min.	-40 °C
operating temperature range max.	120 °C

connection data

connection type	spring clamp connection
number of poles	4
plus switching contacts	0
number of pole for rated current 2	0
number of pole for rated current 3	0
total number of poles (without ground contact)	4
with wire protection	yes
min. conductor diameter rigid (solid/stranded)	0.5 mm²
max. conductor diameter rigid (solid/stranded)	2.5 mm²
protective contact	no

technical data UL/CSA

nominal voltage according to UL/CSA	600 V

nominal current according UL	14 A
nominal current according CSA	14 A
min. conductor cross section flexible wire	0.5 mm²
max. conductor cross section flexible wire	2.5 mm²
conductor cross section flexible AWG wire	26-14 AWG

model

with housing	no

contacts

contact material	copper alloy
surface	silver-plated
contact resistance	≤ 5 mOhm
wire strip length	10 mm

technical data DIN EN 61984

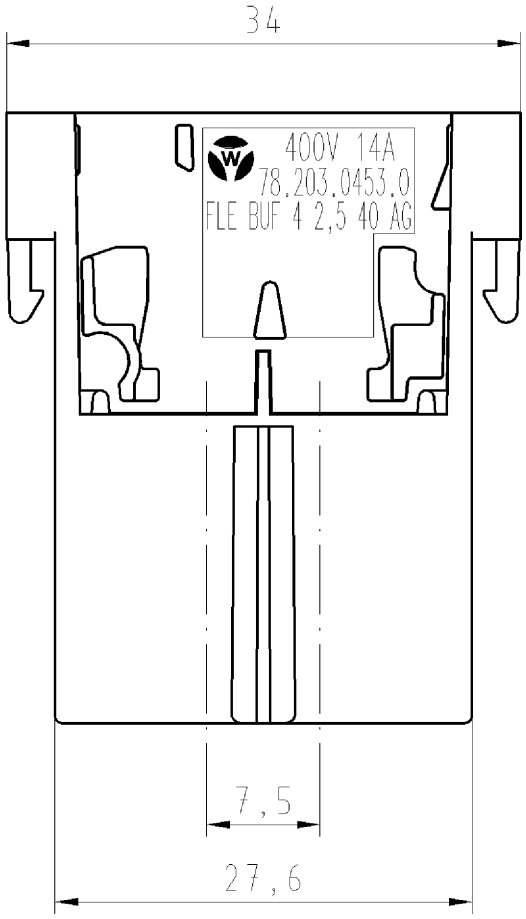
nominal voltage	400 V
nominal voltage face/ground	400 V
nominal current	14 A
rated impulse voltage	6 kV

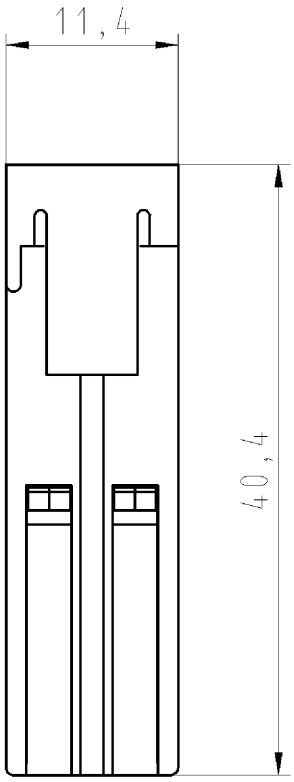
classification

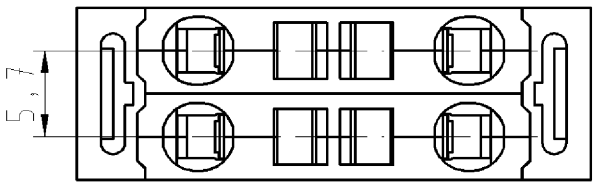
ECLASS 11	
ECLASS 8.1	27440205
ETIM 9.0	EC000438
ETIM 8.0	EC000438
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant







These dimensions will be especially checked at delivery
Only inspection dimensions
With /E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft
Ausschließlich Prüfmaße
Mit /E gekennzeichnete Maße sind nur für interne Zwecke gültig

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Technische Daten
Technical Data

	VDE	UL	CSA
Bemessungsspannung V rated voltage	400	600	600
Bemessungsstrom A rated current	14	14	14
Anschlußbereich max. mm²/AWG connection range	2,5	26-14	26-14
Brennbarkeitsklasse UL 94 V-0 flamability rating UL 94 V-0			
Verschmutzungsgrad 3/Überspannungskategorie III pollution degree 3/overvoltage category III			
Kontaktbasismaterial contact basis material	Cu-Legierung		
Kontaktoberfläche contact surface	Ag		
Isoliermaterial insulating material	PC		
Farbe colour	grau, ähnl. RAL7032 grey, sim. to RAL7032		

Weitere Daten siehe Katalog
further data see catalog

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
(This DIN-standard desbribes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Staffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.
Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach
General tolerance

CAD - Zeichnung, keine manuellen Änderungen
CAD - drawing, no manual modifications allowed

1.Verwendung:
First Use:

Blatt: 1 von 1
Sheet: 1 of 1

Werkstoff/Material

Maßstab/Scale 2:1

	Tag/Date	Name
2007 gezeichnet drawn	13.07.	Schmitt J.
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No. 78.203.0453.0 01K

Index

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm²

Ersatz für/Replacement for: -

wieland
Elektrische Verbindungen

Type
Typ
FLE BUF 4
2,5 40 AG

Benennung/Title
FEDERKRAFT_MODUL
Buchseneinsatz/female insert 4polig/4pole
Spring clamp module

Index | Datum / Blatt Date / Sheet
Änderung/Revision

QU-PEM-08/91

7820304530001K_4 CADW1042 Schmitt 2007-07-13T11:03:46 1.000