

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
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 mm ²
Max. conductor diameter rigid (solid/stranded)	2.5 mm ²
Protective contact	No

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
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Rated current according UL	14 A
Rated current according CSA	14 A
Min. conductor cross section flexible wire	0.5 mm ²
Max. conductor cross section flexible wire	2.5 mm ²
Conductor cross section flexible AWG wire	26-14 AWG

Model

With housing	No
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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
Rated voltage face/ground	400 V
Nominal current	14 A
Rated impulse voltage	6 kV

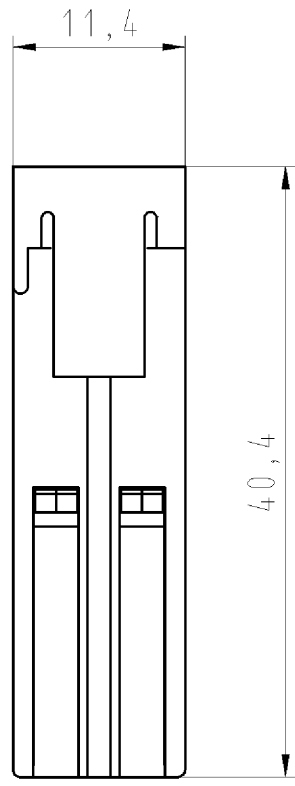
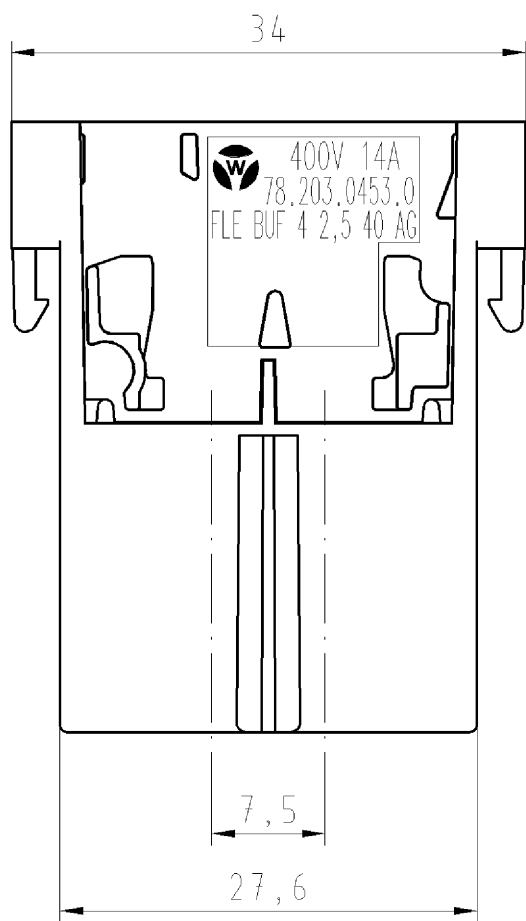
Classification

ECLASS 11	
ECLASS 8.1	27440205
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

A
B
C
D
E
F



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

Weitere Daten siehe Katalog
further data see catalog

Technische Daten
Technical Data

	VDE	UL	CSA
Bemessungsspannung V rated voltage	400	600	600
Bemessungsstrom A rated current	14	14	14
Anschlußbereich max. mm ² /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		

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

ja/yes Stoffverbots- 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
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	/		Werkstoff/Material	2007	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/			gezeichnet drawn	13.07.	Schmitt J.		
	/	Maßstab/Scale 2:1		geprüft checked	-	-	Maße in mm/Dimensions are in mm	
	/			Normgepr. Stand. check	-	-		
	/	Vol.	mm ³	Ofl./Surf.	mm ²			
	/		wieland	Type	Benennung/Title			
	/			Typ	FEDERKRAFT_MODUL			
Index	Datum / Blatt Date / Sheet	Elektrische Verbindungen		FLE BUF 4	Buchseinsatz/female insert 4polig/4pole			
Änderung/Revision				2,5 40 AG	Spring clamp module			

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