Data sheet

Commercial Art.No.: 78.003.0553.0

modular insert FLE BUC 5 25

Modular connector system 5 pole female insert, 250V/20A, crimp connection, turned contacts



Commercial Art.No.	78.003.0553.0
EAN	4015573445932
Order Unit	10

certificates / approvals

Technical data

general

model	female insert
inflammability class of insulation material acc. with UL94	V0
color	grey
mating cycles	500
pollution degree	3
suitable for modular version	yes
operating temperature range min.	-40 °C
operating temperature range max.	120 °C

connection data

connection type	crimp
number of poles	5
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)	5
with wire protection	no
protective contact	no

technical data UL/CSA

nominal voltage according to UL/CSA	600 V
nominal current according UL	20 A

nominal current according CSA	16 A
min. conductor cross section flexible wire	0.5 mm²
max. conductor cross section flexible wire	4 mm²
conductor cross section flexible AWG wire	20-12 AWG

model

with housing	no

contacts

contact material	see contacts
surface	silver-plated
contact resistance	≤ 2 mOhm
wire strip length	8 mm

technical data DIN EN 61984

nominal voltage	250 V
nominal voltage face/ground	250 V
nominal current	20 A
rated impulse voltage	6 kV

classification

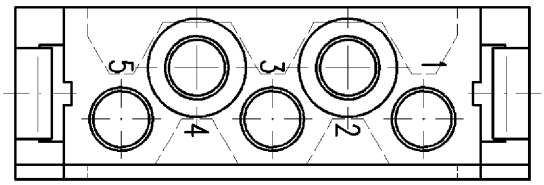
ECLASS 11	
ECLASS 8.1	27440205
ETIM 9.0	EC000438
ETIM 8.0	EC000438
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

product compliance

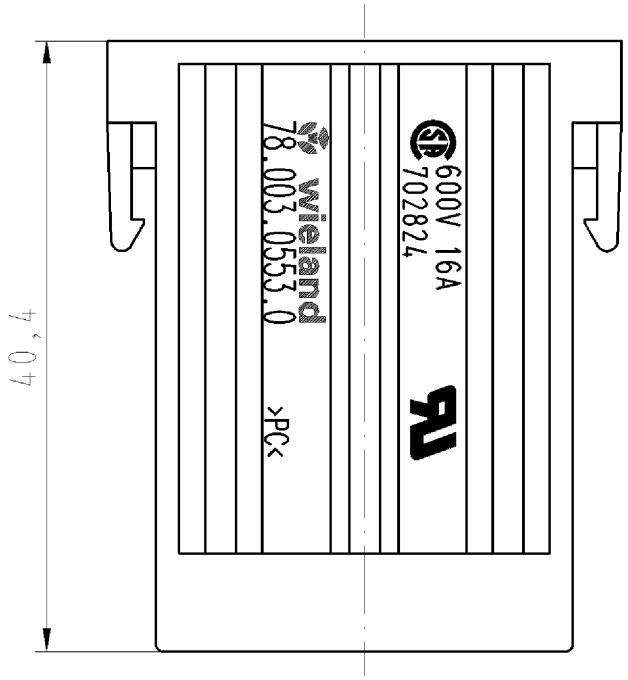
ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

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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

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 ☒ 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

Werkstoff/Material	2008	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
PC GF 20	gezeichnet drawn	01.08.	Schmitt J.	78.003.0553.0 01K	
Brennverhalten UL 94 V-0	geprüft checked	-	-		
Maßstab/Scale 2:1	Normgepr. Stand. check	-	-	Maße in mm/Dimensions are in mm	
Vol. mm³ Ofl./Surf. mm²	Ersatz für/Replacement for: -				

wieland
Elektrische Verbindungen

Type

Benennung/Title

MODULEINSATZ_BUCHSE

5-polig / 5 poles
insert for module female

Index | Datum / Blatt Date / Sheet
Änderung/Revision

78003055300 1K_4 CADW1042 Schmitt 2008-08-01T11:00:48 1.000