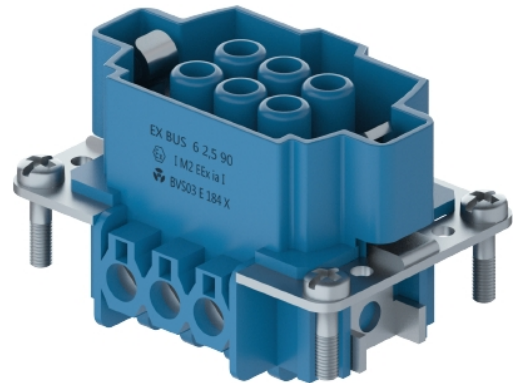


Data sheet

Commercial Art.No.: 72.300.0653.9

female insert EX BUS 6 2,5 09IA



Commercial Art.No.	72.300.0653.9
EAN	4015573227040
Order Unit	10

certificates / approvals



Technical data

general

explosion-tested version	yes
model	female insert
color	blue
mating cycles	200
pollution degree	3
operating temperature range min.	-20 °C
operating temperature range max.	60 °C

connection data

connection type	screw connection
number of poles	6

technical data UL/CSA

min. conductor cross section flexible wire	0.5 mm ²
max. conductor cross section flexible wire	2.5 mm ²

contacts

contact material	copper alloy
surface	tin-plated
contact resistance	≤ 1.5 mOhm
wire strip length	7 mm

technical data DIN EN 61984

nominal voltage	90 V
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note

note	max. input current 16A by permitted wire cross section 1.5 till 2.5mm ² ; max. input current 10A by permitted wire cross section 1.0 mm ² ; max. input current 6 A by permitted wire cross section 0.75 mm ² ; max. input current 3 A by permitted wire cross section 0.5 mm ²
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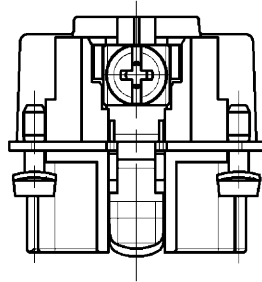
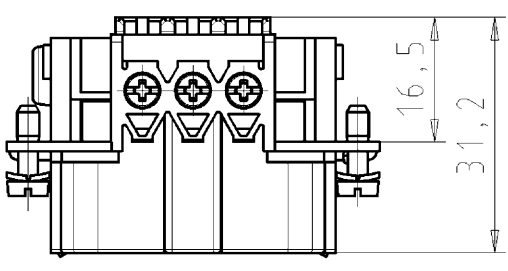
classification

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

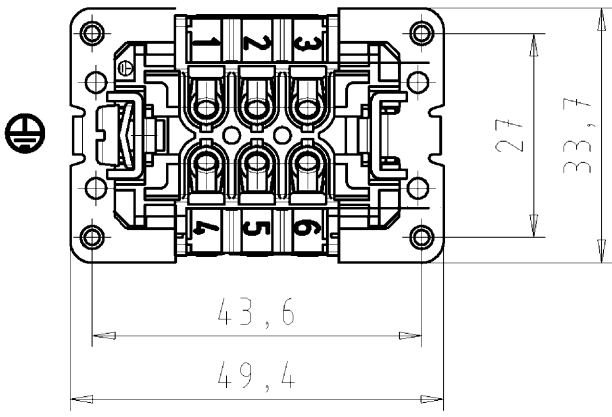
product compliance

ROHS conformity status	compliant/exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

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 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
 I.Verwendung: - First Use:
 Blatt: 1 von 1 Sheet: 1 of 1

	/		Werkstoff/Material	2013	Tag/Date	Name	Zeichnung Nr./Drawing No.	Index
	/			gezeichnet drawn	05.12.	Schmitt J.		
	/			geprüft checked	-	-		
	/	Maßstab/Scale	%	Normgepr. Stand., check	-	-	72.301.0653.9 01K	Maße in mm/Dimensions are in mm
	/							
	/	Vol.	mm ³ Oil./Surf.	mm ²	Ersatz für/Replacement for: -			
	/		wieland	Type	Benennung/Tittle			
	/			EX BUS	BUCHSENE INSATZ			
Index	Datum / Blatt Date / Sheet		Elektrische Verbindungen	6 2,5 091A AU	6 polig / 6 poles female insert			
Änderung/Revision								

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