

Data sheet

Commercial Art.No.: 72.300.4853.9

female insert EX BUS 48 2,5 09IA



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	48

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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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