product data sheet

item no. 99.610.0000.6

female insert POW BUS 6 6,0 40 AG

item no.	99.610.0000.6
EAN	4015573744820
order unit	1 piece(s)

certificates / approvals

technical data

general

model	female insert
inflammability class of insulation material acc. with UL94	HB
color	grey
mating cycles	200
pollution degree	3
suitable for modular version	no
operating temperature range min.	-40 °C
operating temperature range max.	120 °C

connection data

connection type	screw connection
number of poles	6
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)	6
with wire protection	yes
min. conductor diameter rigid (solid/stranded)	2.5 mm²
max. conductor diameter rigid (solid/stranded)	6 mm²
protective contact	yes

technical data UL/CSA

nominal voltage according to UL/CSA	600 V
nominal current according UL	35 A
nominal current according CSA	35 A
min. conductor cross section flexible wire	2.5 mm²
max. conductor cross section flexible wire	6 mm²
conductor cross section flexible AWG wire	14-8 AWG

model

with housing	no

contacts

contact material	copper alloy
surface	tin-plated
contact resistance	# 0.6 mOhm
wire strip length	10 mm

screws head design/recomm. Torque

mounting screws	H1/0.5-0.7 Nm
clamping screws	H1/1.2-1.6 Nm

ground conductor screws	M5/2.0-2.5 Nm slot

technical data DIN EN 61984

nominal voltage	400 V
nominal voltage face/ground	400 V
nominal current	35 A
rated impulse voltage	6 kV