

Data sheet

Commercial Art.No.: 72.205.1053.0

Female insert POW BUS 4/6 DA D AG

revos POWER 4-/6 pole + ground, male insert 690V/4x35A + 6x16A, screw connection



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
Modular version	No
Alternative size	16
Operating temperature range min.	-40 °C
Operating temperature range max.	120 °C

Connection Data

Connection type	Screw connection
Number of poles	4
Plus switching contacts	0
Number of pole for rated current 2	6
Number of pole for rated current 3	0
Total number of poles (without ground contact)	10
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	1 mm ²
Max. conductor diameter rigid (solid/stranded)	6 mm ²
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
Rated current according UL	35 A
Rated current according CSA	35 A
Min. conductor cross section flexible wire	1 mm ²
Max. conductor cross section flexible wire	6 mm ²
Conductor cross section flexible AWG wire	16-8 AWG

Model

Creation date 14.04.2015

Reserve technical changes

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With housing	No
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Contacts

Contact material	Copper alloy
Surface	Silver-plated
Contact resistance	≤ 1 mOhm
Wire strip length	10 mm

Screws head design/recomm. Torque

Mounting screws	H1/0.5-0.7 Nm
Clamping screws	H1/0.5-0.7 Nm
Ground conductor screws	M5/2.0-2.5 Nm Slot

Technical Data DIN EN 61984

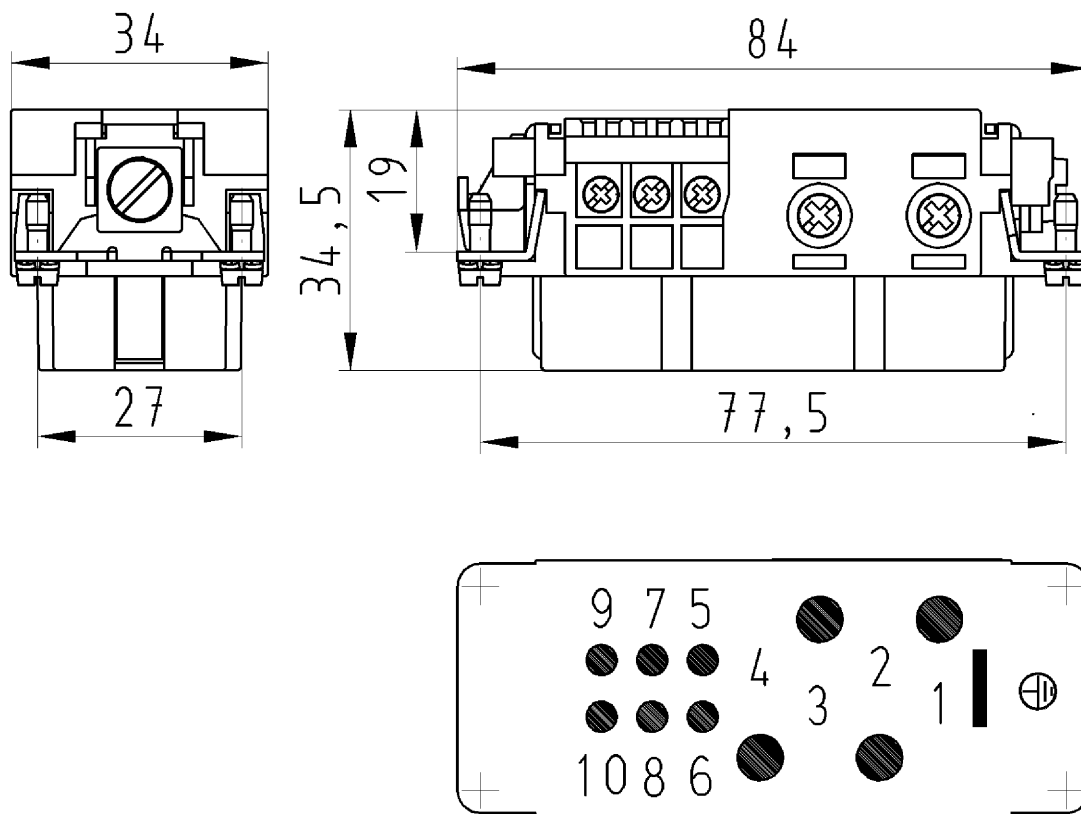
Nominal voltage	690 V
Rated voltage face/ground	690 V
Nominal current	35 A
Rated current 2	16 A
Rated impulse voltage	8 kV

Classification

ECLASS 11	
ECLASS 8.1	27440205
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



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Schreiber Patrick
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