product data sheet

item no. 70.311.0640.0

male insert BAS STS 6 2,5 50 AU

Male insert revos basic, 6-poles, rated current: 16A, rated voltage: 500V, with gold-plated contacts



item no.	70.311.0640.0
EAN	4015573219946
order unit	10 piece(s)

certificates / approvals

technical data

general

model	pin insert
inflammability class of insulation material acc. with UL94	V0
color	grey
mating cycles	500
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)	0.5 mm²
max. conductor diameter rigid (solid/stranded)	2.5 mm²
protective contact	yes

technical data UL/CSA

nominal voltage according to UL/CSA	600 V
nominal current according UL	16 A
nominal current according CSA	16 A
min. conductor cross section flexible wire	0.5 mm²
max. conductor cross section flexible wire	2.5 mm²
conductor cross section flexible AWG wire	18-12 AWG

model

with housing	no

contacts

contact material	copper alloy
surface	gilt
contact resistance	# 1.5 mOhm
wire strip length	7 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	H2/1.2-1.6 Nm

technical data DIN EN 61984

nominal voltage	500 V
nominal voltage face/ground	500 V
nominal current	16 A
rated impulse voltage	6 kV

assembly

item no.	type	description
70.100.0653.4	multipole adapter BAS BAS KL 6 4,0 50	Multipole adapter revos BASIC 500V/16A screw connection 6 pole + ground, short design, female insert, ground left
70.940.0653.3	multipole adapter set BAS GAESHLB 6 4,0 50	Multipole adapter revos BASIC 500V/16A with base, screw connection 6 pole + ground, long design, female insert, ground left, single locking lever
70.940.0653.4	multipole adapter set BAS GAESNLB 6 4,0 50	Multipole adapter revos BASIC 500V/16A with base, screw connection 6 pole + ground, short design, female insert, ground left, single locking lever
70.945.0653.3	multipole adapter set BAS GAESHRB 6 4,0 50	Multipole adapter revos BASIC 500V/16A with base, screw connection 6 pole + ground, long design, female insert, ground right, singl e locking lever
70.945.0653.4	multipole adapter set BAS GAESNRB 6 4,0 50	Multipole adapter revos BASIC 500V/16A with base, screw connection 6 pole + ground, short design, female insert, ground right, sing le locking lever
70.500.0653.0	female insert BAS BUF 6 2,5 50	Female insert revos basic, spring type, 6-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts
70.502.0653.0	female insert BAS BUM 6 2,5 50 AG	Female insert revos basic, 6-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts
70.700.0658.0	female insert BAS BUC 6 50	Female insert revos basic, 6-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts
70.350.0635.0	hood BAS GOT GG 6 M20 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M20 on the right side (IP54), low version, 6-poles
70.350.0635.1	hood BAS GOT GG 6 M20 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M20 on the right side, low version, 6-poles
70.350.0635.2	hood BAS GOT GG 6 M20 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM20 on the right side, low version, 6-poles
70.350.0635.3	hood BAS GOT GG 6 M20 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M20 on the right side (IP54), low version, 6-poles
70.352.0635.0	hood BAS GOT GI 6 M20 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M20 on the top (IP54), low version, 6-poles
70.352.0635.1	hood BAS GOT GI 6 M20 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M20 on the top, low version, 6-poles
70.352.0635.2	hood BAS GOT GI 6 M20 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM20 on the top, low version, 6-poles
70.352.0635.3	hood BAS GOT GI 6 M20 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M20 on the top (IP54), low version, 6-poles
70.353.0635.0	hood BAS GOT GG 6 M25 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the right side (IP54), low version, 6-poles
70.353.0635.1	hood BAS GOT GG 6 M25 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the right side, low version, 6-poles
70.353.0635.2	hood BAS GOT GG 6 M25 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the right side, low version, 6-poles
70.353.0635.3	hood BAS GOT GG 6 M25 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the right side (IP54), low version, 6-poles
70.354.0635.0	hood BAS GOT GI 6 M25 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the top (IP54), low version, 6-poles

70.354.0635.1	hood BAS GOT GI 6 M25 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the top, low version, 6-poles
70.354.0635.2	hood BAS GOT GI 6 M25 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the top, low version, 6-poles
70.354.0635.3	hood BAS GOT GI 6 M25 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the top (IP54), low version, 6-poles
70.372.0635.0	hood BAS GOT GL 6 M20 50 A0	Hood revos basic made of aluminum, with single locking lever and cable gland M20 on the top - free cable connection (IP54), low version, 6-poles
70.372.0635.1	hood BAS GOT GL 6 M20 50 A1	Hood revos basic made of aluminum, with single locking lever and threaded hole M20 on the top - free cable connection, low version, 6-poles
70.372.0635.3	hood BAS GOT GL 6 M20 A3	Hood revos basic made of aluminum, with single locking lever and trumpet gland M20 on the top - free cable connection (IP54), low version, 6-poles
70.450.0637.1	hood BAS GOM GG 6 M20 B1	Hood revos basic metal-series without coating, for single locking lever with threaded hole M20 on the right side, low version, 6-poles
70.452.0637.1	hood BAS GOM GI 6 M20 B1	Hood revos basic metal-series without coating, for single locking lever with threaded hole M20 on the top, low version, 6-poles
70.472.0637.1	hood BAS GOM GL 6 M20 B1	Hood revos basic metal-series without coating, with single locking lever and threaded hole M20 on the top - free cable connection, low version, 6-poles
73.350.0635.0	hood BAS GOT GG 6HM25 69 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the right side (IP54), high version, 6-poles
73.350.0635.1	hood BAS GOT GG 6HM25 69 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the right side, high version, 6-poles
73.350.0635.2	hood BAS GOT GG 6HM25 69 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the right side, high version, 6-poles
73.350.0635.3	hood BAS GOT GG 6HM25 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the right side (IP54), high version, 6-poles
73.351.0635.0	hood BAS GOT GH 6HM20 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M20 on the front (IP54), high version, 6-poles
73.351.0635.1	hood BAS GOT GH 6HM20 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M20 on the front, high version, 6-poles
73.351.0635.2	hood BAS GOT GH 6HM20 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM20 on the front, high version, 6-poles
73.351.0635.3	hood BAS GOT GH 6HM20 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M20 on the front (IP54), high version, 6-poles
73.352.0635.0	hood BAS GOT GI 6HM25 69 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M25 on the top (IP54), high version, 6-poles
73.352.0635.1	hood BAS GOT GI 6HM25 69 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the top, high version, 6-poles
73.352.0635.2	hood BAS GOT GI 6HM25 69 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the top, high version, 6-poles
73.352.0635.3	hood BAS GOT GI 6HM25 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M25 on the top (IP54), high version, 6-poles
73.353.0635.0	hood BAS GOT GG 6HM32 69 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M32 on the right side (IP54), high version, 6-poles
73.353.0635.1	hood BAS GOT GG 6HM32 69 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M32 on the right side, high version, 6-poles
73.353.0635.2	hood BAS GOT GG 6HM32 69 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM32 on the right side, high version, 6-poles
73.353.0635.3	hood BAS GOT GG 6HM32 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M32 on the right side (IP54), high version, 6-poles
73.354.0635.0	hood BAS GOT GI 6HM32 69 A0	Hood revos basic made of aluminum, for single locking lever with cable gland M32 on the top (IP54), high version, 6-poles
73.354.0635.1	hood BAS GOT GI 6HM32 69 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M32 on the top, high version, 6-poles
73.354.0635.2	hood BAS GOT GI 6HM32 69 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM32 on the top, high version, 6-poles
73.354.0635.3	hood BAS GOT GI 6HM32 A3	Hood revos basic made of aluminum, for single locking lever with trumpet gland M32 on the top (IP54), high version, 6-poles
70.320.0628.0	bottom BAS GUT GK 6 A	Bottom-base revos basic made of aluminum, with single locking lever, open, low version, 6-poles
70.325.0628.0	bottom BAS GUT GP 6 A	Bottom-base revos basic made of aluminum, with single locking lever andprotective cover, open, low version, 6-poles
70.330.0635.0	bottom BAS GUT GL 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right and left side (IP54), low version, 6-polig
70.330.0635.1	bottom BAS GUT GL 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right and left side, low version, 6-polig
70.331.0635.0	bottom BAS GUT GM 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the left side (IP54), low version, 6-polig

70.331.0635.1	bottom BAS GUT GM 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, low version, 6-polig
70.332.0635.0	bottom BAS GUT GN 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right side (IP54), low version, 6-polig
70.332.0635.1	bottom BAS GUT GN 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right side, low version, 6-polig
70.333.0635.0	bottom BAS GUT GO 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the bottom (IP54), low version, 6-polig
70.333.0635.1	bottom BAS GUT GO 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the bottom, low version, 6-polig
70.334.0635.0	bottom BAS GUT GL 6 M25 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right and left side (IP54), low version, 6-polig
70.334.0635.1	bottom BAS GUT GL 6 M25 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right and left side, low version, 6-polig
70.335.0635.0	bottom BAS GUT GM 6 M25 50 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side (IP54), low version, 6-polig
70.335.0635.1	bottom BAS GUT GM 6 M25 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, low version, 6-polig
70.337.0635.0	bottom BAS GUT GO 6 M25 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the bottom (IP54), low version, 6-poles
70.337.0635.1	bottom BAS GUT GO 6 M25 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the bottom, low version, 6-poles
70.340.0635.0	bottom BAS GUT GR 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right and the left side, with protective cover (IP54), low version, 6-polig
70.340.0635.1	bottom BAS GUT GR 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right and the left side, with protective cover, low version, 6-polig
70.341.0635.0	bottom BAS GUT GS 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the left side, with protective cover (IP54), low version, 6-polig
70.341.0635.1	bottom BAS GUT GS 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, with protective cover, low version,6-polig
70.342.0635.0	bottom BAS GUT GT 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the right side, with protective cover (IP54), low version, 6-polig
70.342.0635.1	bottom BAS GUT GT 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the right side, with protective cover, low version, 6-polig
70.343.0635.0	bottom BAS GUT GU 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the bottom, with protective cover (IP54), low version, 6-polig
70.343.0635.1	bottom BAS GUT GU 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the bottom, with protective cover, low version, 6-polig
70.420.0637.0	bottom BAS GUM GK 6 B	Bottom-base revos basic metal-series without coating, open, low version, 6-poles
70.425.0637.0	bottom BAS GUM GP 6 B	Bottom-base revos basic metal-series without coating, with single locking lever and protective cover, low version, 6-poles
70.430.0637.1	bottom BAS GUM GL 6 M20 B1	Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the right and left side, low version, 6-polig
70.431.0637.1	bottom BAS GUM GM 6 M20 B1	Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the left side, low version, 6-polig
70.440.0637.1	bottom BAS GUM GR 6 M20 B1	Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the right and the left side, with protective cover, low version, 6-polig
70.441.0637.1	bottom BAS GUM GS 6 M20 B1	Bottom-base revos basic metal-series without coating, with single locking lever and threaded hole M20 on the left side, with protective cover, low version, 6-polig
73.330.0635.0	bottom BAS GUT GL 6HM25 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right and left side (IP54), high version, 6-polig
73.330.0635.1	bottom BAS GUT GL 6HM25 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right and left side, high version, 6-polig
73.331.0635.0	bottom BAS GUT GM 6HM25 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side (IP54), high version, 6-polig
73.331.0635.1	bottom BAS GUT GM 6HM25 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, high version, 6-polig
73.334.0635.0	bottom BAS GUT GL 6HM32 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the right and left side (IP54), high version, 6-polig
73.334.0635.1	bottom BAS GUT GL 6HM32 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the right and left side, high version, 6-polig
73.335.0635.0	bottom BAS GUT GM 6HM32 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the left side (IP54), high version, 6-polig
73.335.0635.1	bottom BAS GUT GM 6HM32 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the left side, high version, 6-polig
73.340.0635.0	bottom BAS GUT GR 6HM25 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right and the left side, with protective cover (IP54), high version, 6-polig
73.340.0635.1	bottom BAS GUT GR 6HM25 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right and the left side, with protective cover, high version, 6-polig

73.341.0635.0	bottom BAS GUT GS 6HM25 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side, with protective cover (IP54), high version, 6-polig
73.341.0635.1	bottom BAS GUT GS 6HM25 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the left side, with protective cover, high version, 6-polig
73.342.0635.0	bottom BAS GUT GT 6HM25 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the right side, with protective cover (IP54), high version, 6-polig
73.342.0635.1	bottom BAS GUT GT 6HM25 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M25 on the right side, with protective cover, high version, 6-polig
73.344.0635.0	bottom BAS GUT GR 6HM32 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the right and the left side, with protective cover (IP54), high version, 6-polig
73.344.0635.1	bottom BAS GUT GR 6HM32 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the right and the left side, with protective cover, high version, 6-polig
73.345.0635.0	bottom BAS GUT GS 6HM32 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the left side, with protective cover (IP54), high version, 6-polig
73.345.0635.1	bottom BAS GUT GS 6HM32 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the left side, with protective cover, high version, 6-polig
73.346.0635.0	bottom BAS GUT GT 6HM32 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M32 on the right side, with protective cover (IP54), high version, 6-polig
73.346.0635.1	bottom BAS GUT GT 6HM32 69 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M32 on the right side, with protective cover, high version, 6-polig
70.405.0653.0	female insert BAS BUP 6 2,5 50 AG	Female insert revos basic, 6-poles, rated current: 16A, rated voltage: 500V, with silver-plated contacts