product data sheet

item no. 70.312.0640.0

male insert BAS STS OD 6 2,5 50

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



item no.	70.312.0640.0
EAN	4015573219984
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	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	no
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	tin-plated
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

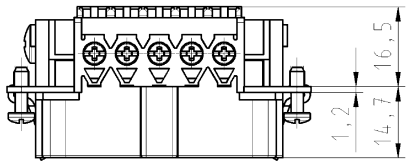
70.354.0635.1	hood BAS GOT GI 6 M25 A1	Hood revos basic made of aluminum, for single locking lever with threaded hole M25 on the top, low version, 6-poles
70.354.0635.2	hood BAS GOT GI 6 M25 A2	Hood revos basic made of aluminum, for single locking lever with nozzleM25 on the top, low version, 6-poles
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

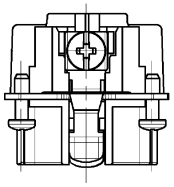
70.331.0635.1	bottom BAS GUT GM 6 M20 A1	Bottom-base revos basic made of aluminum, with single locking lever andthreaded hole M20 on the left side, low version, 6-polig
70.332.0635.0	bottom BAS GUT GN 6 M20 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M20 on the 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

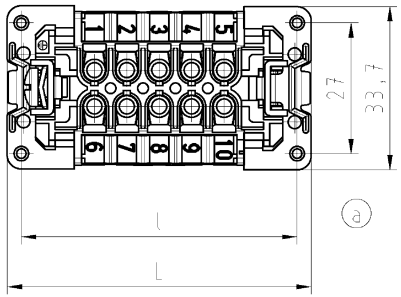
73.341.0635.0	bottom BAS GUT GS 6HM25 69 A0	Bottom-base revos basic made of aluminum, with single locking lever andcable gland M25 on the left side, with protective cover (IP54), high version, 6-polig
73.341.0635.1	bottom BAS GUT GS 6HM25 69 A1	Bottom-base revos basic made of aluminum, with single locking 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

technical drawing

gezeichnet/drawn: 10-pol.







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

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Teile-Nr. part-Nr.	Typ type	Pol pole	L	l
70.312.0640.0	BAS STS OD 6 2,5 50	6	49,8	44
70.312.1040.0	BAS STS OD10 2,5 50	10	62,8	57
70.312.1640.0	BAS STS OD16 2,5 50	16	83,3	77,5
70.312.2440.0	BAS STS OD24 2,5 50	24	109,8	104

Weitere Daten siehe Katalog
further data see catalog

Tolerierung nach DIN 7167/Tolerance system acc. to DIN 7167.
(This DIN-standard desbribes 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 QU-TOM-05/03 ist einzuhalten.
Conformity with Wieland document QU-TOM-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

1.Verwendung:
First Use: -

Blatt: 1 von 1
Sheet: 1 of 1

Werkstoff/Material

	Tag/Date	Name
2006		
gezeichnet drawn	26.04.	Schmitt J.
geprüft checked	-	-
Normgepr. Stand. check	-	-

Zeichnung Nr./Drawing No.: 70.312.0640.0 01K
Index: a

Maßstab/Scale: x

Maße in mm/Dimensions are in mm

Vol. mm³ Ofl./Surf. mm² Ersatz für/Replacement for: -

Index	Datum / Blatt Date / Sheet	Änderung/Revision
/		
/		
/		
/		
/		
a	23.04.2012/	

wieland
Elektrische Verbindungen

Type

Benennung/Title

STECKEREINSATZ
2,5qmm 500V 16A ohne Drahtschutz
Male insert without wire protection

QU-PEM-08/91

703120640001K_2 CADM2035 Schmitt 2012-04-23T11:43:03 1.000