Ficha técnica de producto

Artículo Nº 70.310.1640.0

Conector macho BAS STS 16 2,5 50



Artículo Nº	70.310.1640.0
EAN	4015573219892
Unidad de embalaje	10 Pieza (s)

Certificaciones / Homologaciones

Datos técnicos

Datos generales

Tipo	Conectores macho
Tipo de inflamabilidad del material de aislamiento según UL94	V0
Color	Gris
Ciclos de conexión	200
Grado de polución	3
Versión modular	No
Rango de temperatura de funcionamiento mín.	-40 °C
Rango de temperatura de funcionamiento máx.	120 °C

Datos de conexión

Tipo de conexión	conexión por tornillo
Número de polos	16
Contactos extra	0
Número de polos para corriente nominal 2	0
Número de polos para corriente nominal 3	0
Número total de polos (sin tierra)	16
Con protección del cableado	Sí
Diámetro mín. del conductor rígido (rígido/flexible)	0,5 mm²
Diámetro máx. del conductor rígido(rígido / flexible)	2,5 mm²
Contacto de protección	Sí

Datos técnicos UL/CSA

Tensión nominal conforme a UL/CSA	600 V
Corriente nominal conforme a UL	16 A
Corriente nominal conforme a CSA	16 A
Sección del conductor mín. cable flexible	0,5 mm²
Sección del conductor máx. cable flexible	2,5 mm²
Sección del conductor cable flexible AWG	18-12 AWG

Tipo

Con carcasa	No

Pines de crimpar

Material del contacto	Aleación de cobre
Superficie	Zincado
Resistencia de paso	≤ 1,5 mOhm
Desforrado del conductor	7 mm

Diseño cabeza del tornillo / Par de apriete

Tornillos de fijación	H1/0.5-0.7 Nm
Tornillos de sujeción	H1/0.5-0.7 Nm
Tornillos de conexión a tierra	H2/1.2-1.6 Nm

Datos técnicos DIN EN 61984

Tensión nominal	500 V
Tensión nominal entre fase y tierra	500 V
Corriente nominal	16 A
Tensión de cortocircuito	6 kV

Montaje

Artículo Nº	Tipo	Descripción
71.940.1653.3	Set de adaptador multipolar BAS GAESHLB16 4,0 50	
71.940.1653.4	Set de adaptador multipolar BAS GAESNLB16 4,0 50	
71.945.1653.3	Set de adaptador multipolar BAS GAESHRB16 4,0 50	
71.945.1653.4	Set de adaptador multipolar BAS GAESNRB16 4,0 50	
70.940.1653.3	Set de adaptador multipolar BAS GAZSHLB16 4,0 50	
70.940.1653.4	Set de adaptador multipolar BAS GAZSNLB16 4,0 50	
70.945.1653.3	Set de adaptador multipolar BAS GAZSHRB16 4,0 50	
70.945.1653.4	Set de adaptador multipolar BAS GAZSNRB16 4,0 50	
70.500.1653.0	Conector hembra BAS BUF 16 2,5 50	
70.502.1653.0	Conector hembra BAS BUM 16 2,5 50 AG	
70.700.1658.0	Conector hembra BAS BUC 16 50	
71.350.1635.0	Capota BAS GOT GG 16 M25 A0	
71.350.1635.1	Capota BAS GOT GG 16 M25 A1	
71.350.1635.2	Capota BAS GOT GG 16 M25 A2	
71.350.1635.3	Capota BAS GOT GG 16 M25 A3	
71.352.1635.0	Capota BAS GOT GI 16 M25 A0	
71.352.1635.1	Capota BAS GOT GI 16 M25 A1	
71.352.1635.2	Capota BAS GOT GI 16 M25 A2	
71.352.1635.3	Capota BAS GOT GI 16 M25 A3	
71.353.1635.0	Capota BAS GOT GG 16 M32 A0	
71.353.1635.1	Capota BAS GOT GG 16 M32 A1	
71.353.1635.2	Capota BAS GOT GG 16 M32 A2	
71.353.1635.3	Capota BAS GOT GG 16 M32 A3	
71.354.1635.0	Capota BAS GOT GI 16 M32 A0	
71.354.1635.1	Capota BAS GOT GI 16 M32 A1	
71.354.1635.2	Capota BAS GOT GI 16 M32 A2	
71.354.1635.3	Capota BAS GOT GI 16 M32 A3	
71.372.1635.0	Capota BAS GOT GL 16 M25 A0	
71.372.1635.1	Capota BAS GOT GL 16 M25 A1	
71.372.1635.3	Capota BAS GOT GL 16 M25 A3	
71.450.1637.1	Capota BAS GOM GG16 M25 B1	
71.452.1637.1	Capota BAS GOM GI16 M25 B1	
71.472.1637.1	Capota BAS GOM GL16 M25 B1	
76.350.4035.0	Capota BAS GOT GG 40HM25 50 A0	
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76.350.4035.2	Capota BAS GOT GG 40HM25 50 A2	
76.350.4035.3	Capota BAS GOT GG 16H M25 A3	

76.351.1635.0	Capota BAS GOT GH 10H M20 A0	
76.351.1635.1	Capota BAS GOT GH 16H M20 A1	
76.351.1635.2	Capota BAS GOT GH 10H M20 A2	
76.351.1635.3	Capota BAS GOT GH 10H M20 A3	
76.352.4035.0	Capota BAS GOT GI 40HM25 50 A0	
76.352.4035.1	Capota BAS GOT GI 16HM25 A1	
76.352.4035.2	Capota BAS GOT GI 40HM25 50 A2	
76.352.4035.3	Capota BAS GOT GI 16H M25 A3	
76.353.4035.0	Capota BAS GOT GG 40HM32 50 A0	
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76.353.4035.2	Capota BAS GOT GG 40HM32 50 A2	
76.353.4035.3	Capota BAS GOT GG 16H M32 A3	
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76.354.4035.2	Capota BAS GOT GI 40HM32 50 A2	
76.354.4035.3	Capota BAS GOT GI 16H M32 A3	
76.360.4035.0	Capota BAS GOT GG 16H M40 A0	
76.360.4035.1	Capota BAS GOT GG 40HM40 50 A1	
76.362.4035.1	Capota BAS GOT GI 40HM40 50 A1	
76.374.4035.0	Capota BAS GOT GL 40HM32 50 A0	
71.320.1628.0	Base BAS GUT GK 16 A	
71.325.1628.0	Base BAS GUT GP 16 A	
71.330.1635.0	Base BAS GUT GL 16 M25 A0	
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71.331.1635.0	Base BAS GUT GM 16 M25 A0	
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71.333.1635.0	Base BAS GUT GO 16 M25 A0	
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71.340.1635.0	Base BAS GUT GR 16 M25 A0	
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71.341.1635.0	Base BAS GUT GS 16 M25 A0	
71.341.1635.1	Base BAS GUT GS 16 M25 A1	
71.342.1635.0	Base BAS GUT GT 16 M25 A0	
71.342.1635.1	Base BAS GUT GT 16 M25 A1	
71.343.1635.0	Base BAS GUT GU 16 M25 A0	
71.343.1635.1	Base BAS GUT GU 16 M25 A1	
71.420.1637.0	Base BAS GUM GK 16 B	
71.425.1637.0	Base BAS GUM GP 16 B	
71.430.1637.1	Base BAS GUM GL 16 M25 B1	
71.431.1637.1	Base BAS GUM GM 16 M25 B1	
71.440.1637.1	Base BAS GUM GR 16 M25 B1	
71.441.1637.1	Base BAS GUM GS 16 M25 B1	
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76.331.4035.0	Base BAS GUT GM 40HM25 50 A0	
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76.334.4035.0	Base BAS GUT GL 40HM32 50 A0	
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76.340.4035.0	Base BAS GUT GR 40HM25 50 A0	
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76.343.4035.1	Base BAS GUT GU 40HM25 50 A1	
76.344.4035.0	Base BAS GUT GR 40HM32 50 A0	
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76.345.4035.0	Base BAS GUT GS 16HM32 A0	
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76.346.4035.0	Base BAS GUT GT 40HM32 50 A0	
76.346.4035.1	Base BAS GUT GT 40HM32 50 A1	
76.347.4035.0	Base BAS GUT GU 40HM32 50 A0	
76.347.4035.1	Base BAS GUT GU 40HM32 50 A1	
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70.350.1635.3	Capota BAS GOT GA 16 M25 A3	
70.352.1635.0	Capota BAS GOT GC 16 M25 A0	
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70.352.1635.3	Capota BAS GOT GC 16 M25 A3	
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70.355.1635.3	Capota BAS GOT GD 16 M25 A3	
70.357.1635.0	Capota BAS GOT GF 16 M25 A0	
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70.359.1635.3	Capota BAS GOT GF 16 M32 A3	
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72.250.1635.2	Capota POW GOT GA 16 M40 69 A2	
73.350.4035.0	Capota BAS GOT GA 16HM25 50 A0	
73.350.4035.1	Capota BAS GOT GA 16HM25 50 A1	
73.350.4035.2	Capota BAS GOT GA 16HM25 50 A2	
73.350.4035.3	Capota BAS GOT GA 16H M25 A3	
73.351.1635.0	Capota BAS GOT GB 16H M25 A0	
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73.351.1635.3	Capota BAS GOT GB 16H M25 A3	

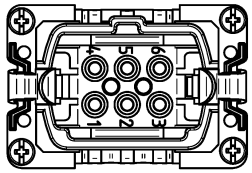
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73.355.4035.1	Capota BAS GOT GD 16HM25 50 A1	
73.355.4035.2	Capota BAS GOT GD 16HM25 50 A2	
73.355.4035.3	Capota BAS GOT GD 16HM25 A2	
73.357.4035.0	Capota BAS GOT GF 16HM25 50 A0	
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73.357.4035.2	Capota BAS GOT GF 16HM25 50 A2	
73.357.4035.3	Capota BAS GOT GF 16HM25 A3	
73.358.4035.0	Capota BAS GOT GD 16HM32 50 A0	
73.358.4035.1	Capota BAS GOT GD 16HM32 50 A1	
73.358.4035.2	Capota BAS GOT GD 16HM32 50 A2	
73.358.4035.3	Capota BAS GOT GD 16HM32 A3	
73.359.4035.0	Capota BAS GOT GF 16HM32 50 A0	
73.359.4035.1	Capota BAS GOT GF 16HM32 50 A1	
73.359.4035.2	Capota BAS GOT GF 16HM32 50 A2	
73.359.4035.3	Capota BAS GOT GF 16HM32 A3	
73.360.4035.0	Capota BAS GOT GA 16HM40 A0	
73.360.4035.1	Capota BAS GOT GA 16HM40 50 A1	
73.360.4035.2	Capota BAS GOT GA 16HM40 A2	
73.362.4035.0	Capota BAS GOT GC 16HM40 A0	
73.362.4035.1	Capota BAS GOT GC 16HM40 50 A1	
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70.325.1628.0	Base BAS GUT GE 16 A	
70.330.1635.0	Base BAS GUT GB 16 M25 A0	
70.330.1635.1	Base BAS GUT GB 16 M25 A1	
70.331.1635.0	Base BAS GUT GC 16 M25 A0	
70.331.1635.1	Base BAS GUT GC 16 M25 A1	
70.333.1635.0	Base BAS GUT GD 16 M25 A0	
70.333.1635.1	Base BAS GUT GD 16 M25 A1	
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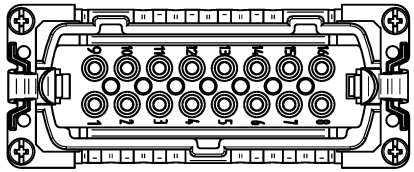
Dibujo técnico

Kodieransichten Ausführung 6-/16-/24-polig
Coding view executing 6-/10-/24-pole

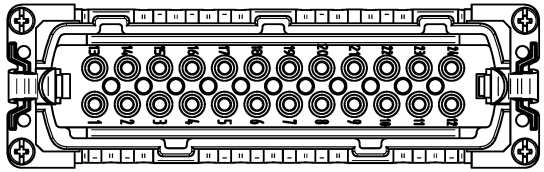
6-polig/6-pole
70.310.0640.0



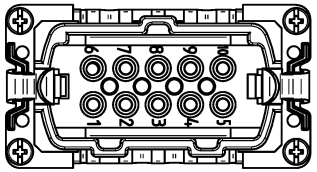
16-polig/16-pole
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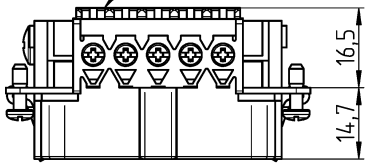
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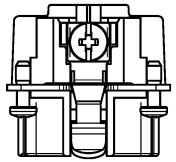


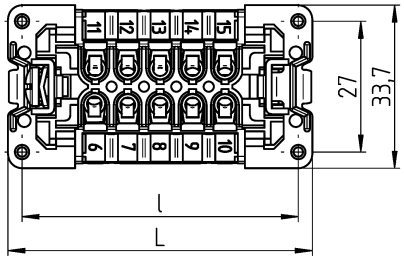
10-polig/10-pole
70.310.1040.0



Farbe: kieselgrau
colour: pepple grey







Teile-Nr. part no.	Typ type	Polzahl pole	L	l
70.310.0640.0	BAS STS 6 2,5 50	6	49,8	44
70.310.1040.0	BAS STS 10 2,5 50	10	62,8	57
70.310.1640.0	BAS STS 16 2,5 50	16	83,3	77,5
70.310.2440.0	BAS STS 24 2,5 50	24	109,8	104

Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes 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 WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (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: Sheet: 1 von of 1

Werkstoff / Material

Maßstab / Scale 1:1

Vol. mm³ Ofl./Srf. mm²

	Tag/Date	Name
gezeichnet drawn	20.07.2022	Lunz S.

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.: T 70.310.0640.0 13K

Index: a

Maße in mm / Dimensions are in mm

Ersatz für / Replacement for: 70.310.0640.001K mit Index "c" vom 31.01.2017

Index	Datum / Blatt Date / Sheet
a	12.09.25 /
Änderung / Revision	

wieland

Type: siehe Tabelle

Benennung/Title

STECKEREINSATZ

2,5 qmm 500V 16A Schraubanschluss und Drahtschutz
male insert screw connection with wire protection

© Alle Rechte vorbehalten
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Vertraulichkeitsklasse: Vertraulich
confidentially class: confidential

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