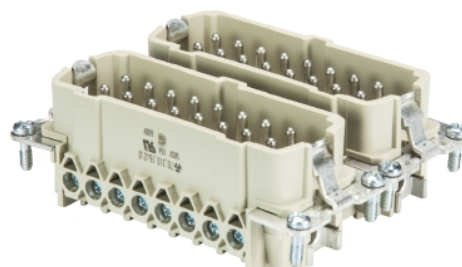


Data sheet

Commercial Art.No.: 70.310.3253.0

Male insert BAS STS 32 2,5 50

Male insert revos basic, 32-poles, rated current: 16A, rated voltage: 500V, with tin-plated contacts



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

Connection Data

Connection type	Screw connection
Number of poles	32
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)	32
With wire protection	Yes
Min. conductor diameter rigid (solid/stranded)	0.5 mm ²
Max. conductor diameter rigid (solid/stranded)	2.5 mm ²
Protective contact	Yes

Technical Data UL/CSA

Rated voltage according to UL/CSA	600 V
Rated current according UL	16 A
Rated current according CSA	16 A
Min. conductor cross section flexible wire	0.5 mm ²
Max. conductor cross section flexible wire	2.5 mm ²
Conductor cross section flexible AWG wire	22-14 AWG

Model

With housing	No
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Contacts

Contact material	Copper alloy
Surface	Tin-plated
Contact resistance	$\leq 1.5 \text{ m}\Omega$
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
Rated voltage face/ground	500 V
Nominal current	16 A
Rated impulse voltage	6 kV

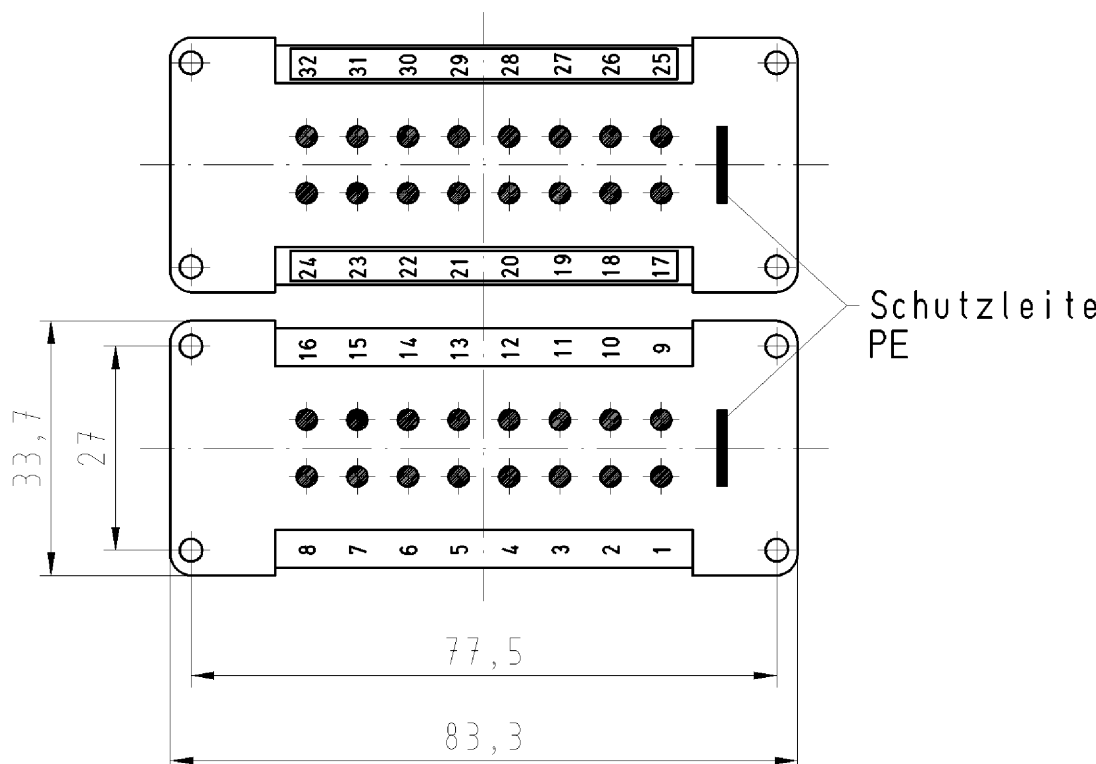
Classification

ECLASS 11	
ECLASS 8.1	27440205
ETIM 7.0	EC000438
ETIM 6.0	EC000438
ETIM 5.0	EC000438
ETIM 4.0	EC000438
ETIM 3.0	EC000438

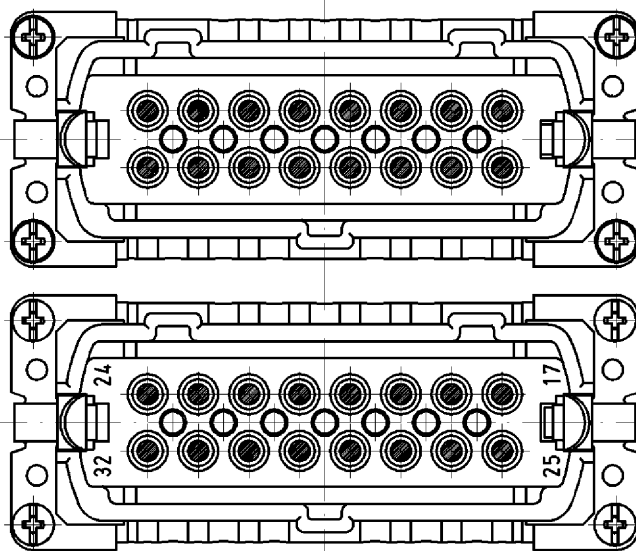
Product compliance

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


Farbe und Kennzeichnung siehe 70.310.1640.0
colour and marking see 70.310.1640.0



Ansicht in Richtung Steckerstifte (Steckseite)
view in direction to the plug contact



32-polig mit Schraubanschluß und Drahtschutz
32-pole with screw connection and wire protection

Freitoleranz nach				CAD - Zeichnung, keine manuellen Änderungen				1.Verwendung: -		Bl.: 1 von 1	
	/	Maßstab 1:1	Werkstoff und Oberfläche: Farbe: kieselgrau colour: pebble grey	2003	Tag	Name	Zeichnung Nr. 70.310.3253.0 01K	Index			
	/			Entworfen	09.07.	Bauer F.					
	/			Geprüft	-	-					
	/	Vol.	mm²	Off.	mm²	Normgepr.	-	-	Ersatz für: -		
	/	 wieland				Benennung STECKERE INSATZ PLUG INSERT 2,5qmm 500V 16A					
	/										
Buchstabe	Datum / Blatt										
Änderung		Elektrische Verbindungen									

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