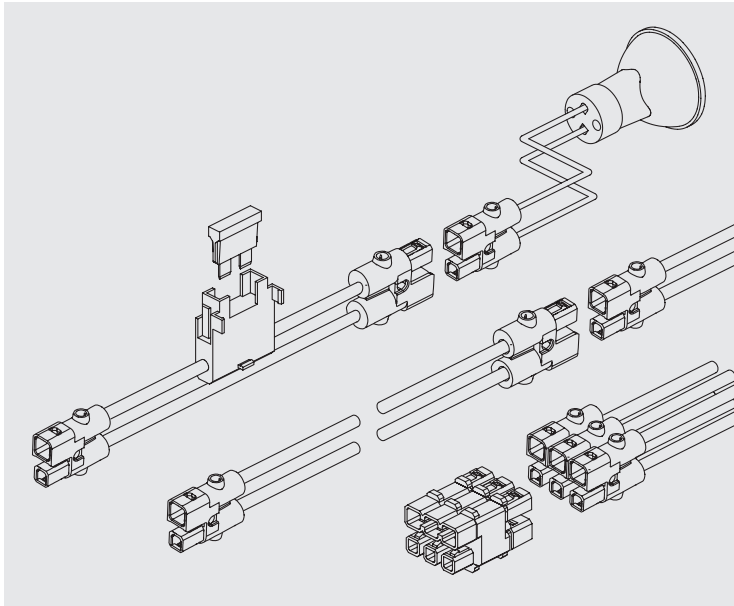


ST 16

2 pole low voltage

Application example



General

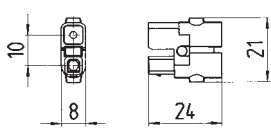


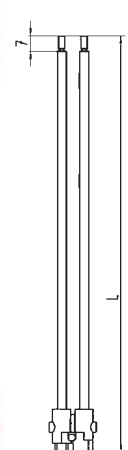
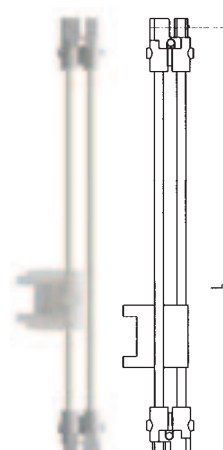
ST 16 is the product line that is used when wiring low voltage lamps. Each individual plug element combines the female and male connectors in one device. As a result, the ST 16 system is reduced to a small number of basic elements. With their compact design, these connectors offer a high level of convenience during installation as well as only requiring a limited amount of space, via a prefabricated electronic transformer. It is also possible to be supplied with a direct plug-in connection to the GST 18i3 line (3 pole mains).

Coding

			Application	Low volt. 2 pole
Name	Description	Connection style	Connection points per pole	white
Connector		Screw	1	
Junction	1 input 3 outputs			
Prefabricated cables	Connector – free end	preassembled	preassembled	
	Connector – both ends			
	Connector – free end with fuse holder			
	Connector – both ends with fuse holder			
Electronic transformer	Primary: Connector 1 x GST 18i3 Secondary: conn. cable ST 16	Screw	2	
	Primary: connector Secondary: conn. cable ST 16			



ST 16/2 pole MINI-compact for low voltage halogen lamps, 48 V, 25 A

	Screw connection		Extender lead		Connection lead		Fused extension lead	
	For 0.5 – 2.5 mm ² 1) cables, without strain relief, with latching device		2 x 2.5 mm ² both ends with integral connectors, with latching device		2 x 2.5 mm ² with integral connectors and free end, with ferrules and latching device		2 x 2.5 mm ² with fuse carrier ²⁾ both ends with integral connectors, with latching device	
Length m	Part No.	Box Qty	Part No.	Box Qty	Part No.	Box Qty	Part No.	Box Qty
	  93.016.0053.0 100							
0.35			94.623.0031.2	250	94.623.0032.2	250	94.603.0031.2	250
0.6			94.623.0631.2	200	94.623.0632.2	200	94.603.0631.2	200
1.2			94.623.1231.2	100	94.623.1232.2	100	94.603.1231.2	100
1.8			94.623.1831.2	75	94.623.1832.2	75	94.603.1831.2	75
2.4			94.623.2431.2	50	94.623.2432.2	50	94.603.2431.2	50
Type	ST 16/2 BS		ST 16/2 BSK1BS		ST 16/2 BSK1-		ST 16/2 BSK1SiBS	
	Part No.	Box Qty	Rated voltage	Power range	Power current			

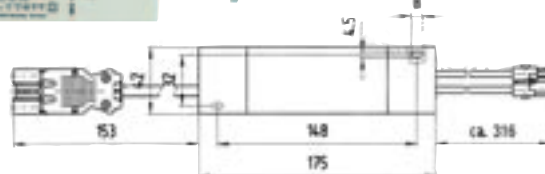
Electronic transformer

Ambient temperature (t_a) max. 50 °C for maximum load
Secondary cable max. 2 m, min. 1.5 mm²

Can be plugged into **gesis** GST 18i 3 pole on primary side
99.448.9999.9 1 230V AC 50/60 Hz 35-105 W 0.45 A



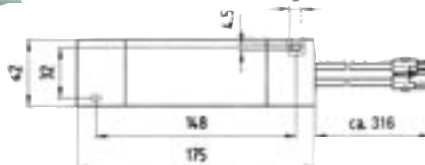
Overall height 18 mm



Can be clamped on primary side with screw connection (N, N, L, L)
99.450.9999.9 1 230V AC 50/60 Hz 35-105 W 0.45 A



Overall height 18 mm



¹⁾ 2.5 mm²: only with Wieland ferrules (see connection cable)

²⁾ Flat cable fuse: type C according to DIN 72581 Part 3

Maximum leakage loss of flat cable fuse = 2.5 W, for Wieland fuses max. $I_N = 15$ A should be ordered separately

ST 16

Fused connection lead

Distribution block

2 pole low voltage Accessories

2 x 2.5 mm²

with fuse carrier²⁾
integral connectors and free end,
with ferrules and latching device

1 input/5 outputs

plug-in
with latching device
without fixing lugs

Flat cable fuse, type C according to
DIN 72581 Part 3

Length m

Part No.

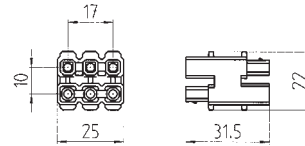
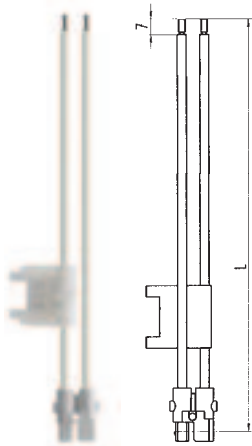
Box Qty

Part No.

Box Qty

Part No.

Box Qty



93.010.0153.0 100

0.35	94.603.0032.2	250
0.6	94.603.0632.2	200
1.2	94.603.1232.2	100
1.8	94.603.1832.2	75
2.4	94.603.2432.2	50

Z8.000.0175.4	25	2A (20W)
Z8.000.0175.5	25	3A (35W)
Z8.000.0175.7	25	5A (50W)
Z8.000.0175.9	25	10A (100W)
Z8.000.0176.0	25	15A (150W)

Type ST 16/2 BSK1Si-

ST 16/2 VT

