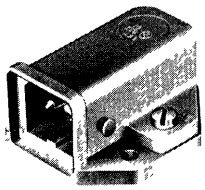
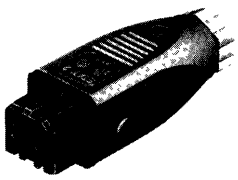
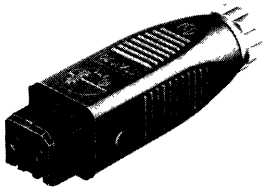
STASAP 2

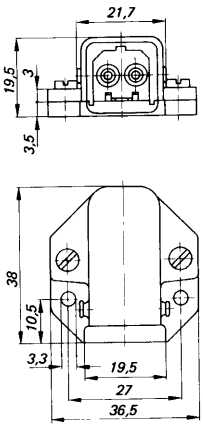


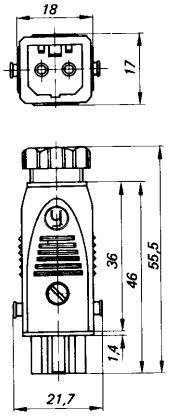
STAK 2

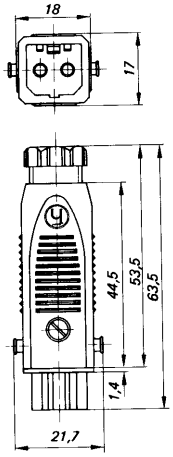


STAK 20









Sectional view,
refer to page 22

Technical data

Surface-mounted connector with cast baseplate for installation on flat surfaces. An electrical connection must be established between the baseplate and the equipment if a protective earth conductor is required. The connector must be additionally sealed after installation in order to achieve protection class IP 54	Cable socket **without strain relief**	Cable socket **with strain relief**
2 + ⏚	2 + ⏚	2 + ⏚
screw	screw	screw
1 surface-mounted connector, pre-assembled	1 cable socket, pre-assembled	1 cable socket, pre-assembled
grey	grey	grey
STAK 2, STAK 20, STAKEI 2	STAS 2, STAS 20, STASEI 2, STASAP 2	STAS 2, STAS 20, STASEI 2, STASAP 2

Order data

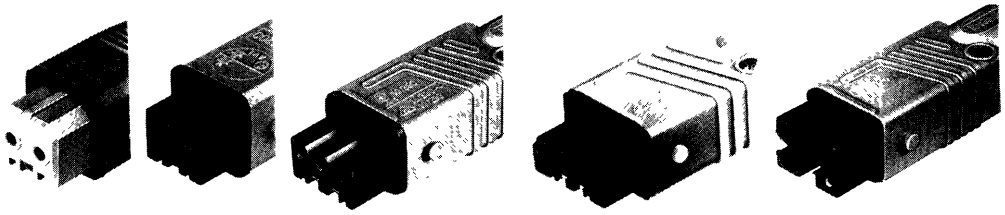
STASAP 2	**STAK 2**	**STAK 20**
930 822-106	**930 621-106**	**931 264-106**
100 each	100 each	100 each

Accessories – must be ordered separately

Type	Order no.	Type	Order no	Type	Order no
STASI 2	732 044-000	STASI 2	732 044-000	STASI 2	732 044-000

ST series

2 pole + ⏚ **3 pole + ⏚** **4 pole + ⏚** **5 pole + ⏚**



Programm survey

Power connector	STAS 2				
– with strain relief	STAS 20	STAS 200	STAS 3		STAS 5
– with moulded-on lead			STAS 3 K		
– with moulded-on lead and safety bracket				STAS 4 K 075 SI	
Cable socket	STAK 2				
– with strain relief	STAK 20	STAK 200	STAK 3	STAK 4	STAK 5
– with moulded-on lead			STAK 3 K		
Panel-mounted plug	STASEI 2	STASEI 200	STASEI 3		STASEI 5
Surface-mounted plug	STASAP 2	STASAP 200	STASAP 300		STASAP 5
Panel-mounted socket	STAKEI 2	STAKEI 200	STAKEI 3		STAKEI 5
Surface-mounted socket	STAKAP 2	STAKAP 200	STAKAP 3		STAKAP 5
Angled connector			STAKWI 3		
Safety bracket	STASI 2	STASI 2	STASI 3		STASI 3
		1796 (+S)	727 (+S) (N) (S)	750	1806 (N) (S)

The connectors in these series cannot be plugged into small appliance connectors as per DIN 49 454

Technical data

Number of poles		2 + ⏚	2 + ⏚	3 + ⏚	4 + ⏚	5 + ⏚
Operating voltage		UC 250 V (≃)	UC 250 V (≃)	UC 250 V (≃)	UC 250 V (≃)	UC 250 V (≃)
Reference voltage DIN VDE 0110		250~/300 V–	250~/300 V–	380~/450 V–	380~/450 V–	380~/450 V–
Insulation group DIN VDE 0110		C	C	B	B	B
Continuous load current		16 A	16 A	16 A	10 A	10 A
Contact resistance		≤ 5mΩ	≤ 5mΩ	≤ 5 mΩ	≤ 10 mΩ	≤ 10 mΩ
Contact elements		Pin and spring socket		Pin and spring socket	Pin and spring socket	Pin and spring socket
Pin diameter		2 mm	2 mm	2 mm	1,6 mm	1,6 mm
Contact material/ Surface		Cu Zn/ gal Ni 2 Sn 4	Cu Zn/ gal Ni 2 Sn 4	Cu Zn/ gal Ni 2 Sn 4	Cu Zn silver plated	Cu Zn silver plated
Type of connection		screw/ solder	screw	screw	crimp	crimp
Maximum cross-section		1 mm²	1 mm²	1 5 mm²	1 5 mm²	1 5 mm²
Outer lead diameter		4 - 6 5 mm	4 - 6 5 mm	6 - 10 mm	6 - 10 mm	6 - 10 mm
Cable gland		Pg 7	Pg 7	Pg 11	Pg 11	Pg 11
Material/ fire properties	Contact bearer	PA66 - GF25/UL94 - V1		PA66 - GF25/UL94 - V1	PA66 - GF25/UL94 - V1	PA66 - GF25/UL94 - V1
	Casing	PA6 - GF30/UL94 - HB		PA6 - GF30/UL94 - HB	PA6 - GF30/UL94 - HB	PA6 - GF30/UL94 - HB
Protection class to DIN 40 050		IP 54	IP 54	IP 54	IP 54	IP 54
Ambient temperature t_u		-30 90 °C	-30 90 °C	-30 90 °C	-30 90 °C	-30 90 °C

Derating curve
(Current carrying capacity)

I = continuous load current for one pair of contacts in A

t_u = ambient temperature in °C