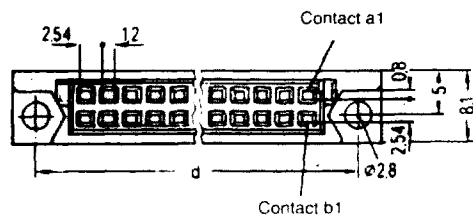
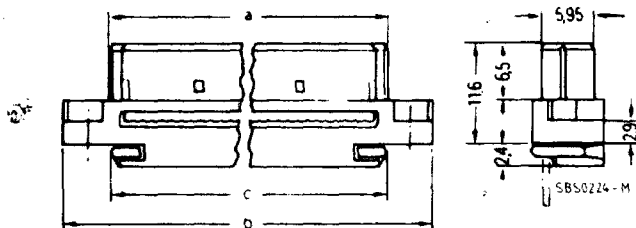


# Insulation-Displacement Connectors for Ribbon Cables BK-DIN 389

## Female connector BK-DIN 389

Connection conditions in acc. with DIN 41612, design B;  
20, 32 and 64 contacts  
Can be used as center and terminal connector.



Design	Number of contacts	Dimensions in mm			
		a	b	c	d
B/3	20	29,2	39,76	28,90	34,76
B/2	32	44,4	55	44,16	50
B	64	85	95	84,80	90

## Version

- Suitable for cable cross sections in acc. with DIN/VDE 0811:  
stranded wire 0,09 mm<sup>2</sup> (AWG 28/7) only with strain-relief clamp and 0,14 mm<sup>2</sup> (AWG 26/7);  
solid wire 0,25 mm Ø (AWG 30/1) and 0,32 mm Ø (AWG 28/1);  
center spacing: 1,27 mm; insulation thickness: max. 1,27 mm
- Pre-latching of press-in plate and dielectric by double snap-in stage

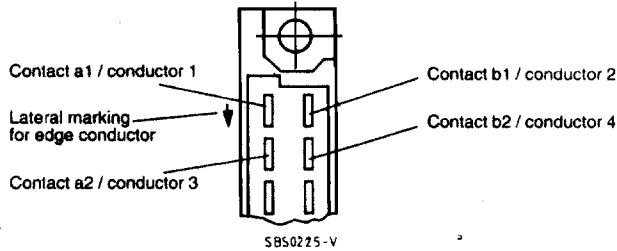
## Technical data

Dielectric thermoplastic material, glass-fiber reinforced  
Contact material copper alloy  
Contact surface insertion area: gold on nickel  
insulation-displacement terminal: tin on nickel

Current rating per contact at 20°C/70°C/100°C 2 A/1 A/0,5 A  
Test voltage 0,5 kV  
Insulation resistance ≥ 10<sup>5</sup> MΩ  
Flammability in compliance with UL 94 V-1  
Temperature range - 55°C ... + 125°C  
Connection frequency performance level 3 ≥ 50 insertion/removal cycles

# Insulation-Displacement Connectors for Ribbon Cables BK-DIN 389

**Assignment information** (view onto insertion side, pin layout)



For the assembly of the connectors with ribbon cables tools are available for single-item production as well as for quantity production. Please contact your nearest Siemens Sales Office, Dept. Electromechanical Components.

Number of contacts	Ordering code	DU	Price each			
		Pcs	DU+	100+	500+ $\epsilon$	2000+
<b>Modular female connector</b>						
20	C42334-A389-A20	80				
32	C42334-A389-A32	60				
64	C42334-A389-A64	40				
<b>Strain-relief clamp</b>						
20	C42334-A389-C120	80				
32	C42334-A389-C132	60				
64	C42334-A389-C164	40				

Connectors