



SUMO

Heavy Duty Multipol
INDUSTRIAL CONNECTORS



TECHNICAL CHARACTERISTICS

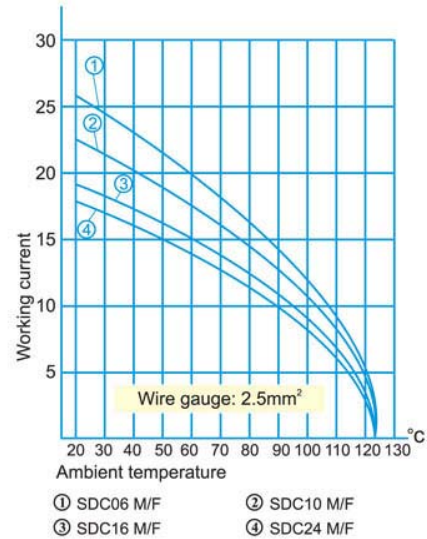
Control and test procedures according to DIN IEC 60512-3

Current carrying capacity

The current carrying is limited by maximum temperature of materials for inserts and contacts including terminals

Specifications

Inserts	DIN VDE 0627 DIN VDE 0110 DIN EN 61984
Number of contacts	6,10,16,24,32(2X16) 48(2X24)+PE 06,12(2x06)+PE
Working current (See current carrying capacity)	16A 32A
Working voltage	500V
Pollution degree	3
Rated impulse voltage	6KV
Insulation resistance	$\geq 10^{10} \Omega$
Material	Polycarbonate
Temperature range	-40°C... +125°C
Flammability acc.to UI94	V0
Working voltage acc.to UL/CSA	600V
Mechanical working life (matching cycles)	≥ 500



Contacts

Material	Copper alloy
Surface	Silver-plated
Contact resistance	$\leq 1m \Omega$
Terminal	
Screw Terminal	
Wire gauge	1.0-2.5mm ² 5AWG 18-14
Screw Twterminal tightening	0.5Nm
stripping length	7.0mm
Crimp terminal	
Wire gauge	0.14-4.0 mm ² AWG 26-12
Stripping length	7.5mm



SDC4M
4 Pin Male
500V / 10A
Screw Connection



SDC4F
4 Pin Female
500V / 10A
Screw Connection



SDC5F
4+1 ♀ Female
500V / 10A
Screw Connection



SDC5M
4+1 ♂ Male
500V / 10A
Screw Connection



SDC5H-SE-2B-M20
SDC5H-SE-2B-PG13.5
5 Pin Housing



SDC5B-OB-1L
5 Pin Housing
with Sealing & Lever



SDC5H-TE-2B-M20
SDC5H-TE-2B-PG13.5
5 Pin Housing
Top Entry



SDC5B-OB-1L
5 Pin Housing
With Sealing
Side Entry



SDC6M
6+1 ♂ Male
500V / 10A
Screw Connection



SDC6F
6+1 ♀ Female
500V / 10A
Screw Connection



SDC6H-SE-M20
SDC6H-SE-PG13.5
6 Pin Housing
Side Entry



SDC6H-SE-M20
SDC6H-SE-PG13.5
6 Pin Housing
Top Entry



SDC6B-OB-1L
SDC6B-OB-1L-C
6 Pin Housing & Cover



SDC10M
10+1 ♂ Male
500V / 10A
Screw Terminal



SDC10F
10+1 ♀ Female
500V / 10A
Screw Terminal



SDC10H-SE-4B-M20
SDC10H-SE-4B-PG16
10 Pin Housing
Side Entry



SDC10H-TE-4B-M20
SDC10H-TE-4B-PG16
10 Pin Housing
Top Entry



SDC10B-OB-2L
10 Pin Housing
with cover (C)



SDC16M
Screw Connection



SDC16F
Screw Connection



SDC24M
24+1 ♂ Male
500V / 10A
Screw Terminal



SDC24F
24+1 ♀ Female
500V / 10A
Screw Terminal



SDC24H-SE-4B-M32
SDC24H-SE-4B-PG29
24 Pin Housing
Side Entry



SDC24H-TE-4B-M25
SDC24H-TE-4B-PG29
24 Pin Housing
Top Entry



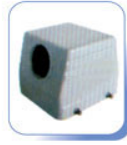
SDC24B-OB-2L
24 Pin Housing
with cover (C)



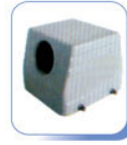
SDC32M
32 Pin+1 ♂ Male
500V / 10A
Screw Terminal



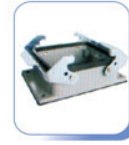
SDC32F
32+1 ♀ Female
500V / 10A
Screw Terminal



SDC32H-SE-4B-M32
SDC32H-SE-4B-PG29
32 Pin Housing
Side Entry



SDC32H-TE-4B-M32
SDC32H-TE-4B-PG29
32 Pin Housing
Top Entry



SDC32B-OB-2L
32 Pin Housing
with Cover (C)



SDC32B-CB-2L-M32
SDC32B-CB-2L-PG29
32 Pin Housing
with Cover (C)



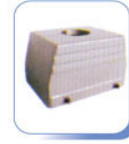
SDC48M
48+1 ♂ Male
500V / 10A
with Screw Terminal



SDC48F
48+1 ♀ Female
500V / 10A
with Screw Terminal



SDC48H-SE-2B-M40
SDC48H-SE-2B-PG36
48 Pin Housing
Side Entry



SDC48H-TE-2B-M40
SDC48H-TE-2B-PG36
48 Pin Housing
Top Entry



SDC48B-OB-2L
48 Pin Housing
with Cover (C)



SDC48B-CB-2L-M40
SDC48B-CB-2L-PG36
48 Pin Housing
with Cover (C)



SDC06M
6+1 ♂ Pin Male
500V / 35A
with Screw Terminal



SDC06F
6+1 ♀ Pin Female
500V / 35A
with Screw Terminal



SDC06B-OB-1L
SDC06B-OB-1L-C
6 Pin Housing
with Cover (C)



SDC06B-OB-2L
6 Pin Housing



SDC12M
12+1 ♂ Pin Male
500V / 35A
with Screw Terminal



SDC12F
12+1 ♀ Pin Female
500V / 35A
with Screw Terminal



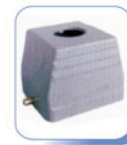
SDC06H-TE-2B-M25
SDC06H-TE-2B-PG21
6 Pin Housing
Top Entry



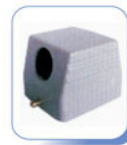
SDC06H-SE-2B-M25
SDC06H-SE-2B-PG21
6 Pin Housing
Side Entry



SDC12B-OB-1L
SDC12B-OB-1L-C
12 Pin Housing
with Cover (C)



SDC12H-TE-2B-M32
SDC12H-TE-2B-PG29
12 Pin Housing
Top Entry



SDC12H-SE-2B-M32
SDC12H-SE-2B-PG29
12 Pin Housing
Side Entry

