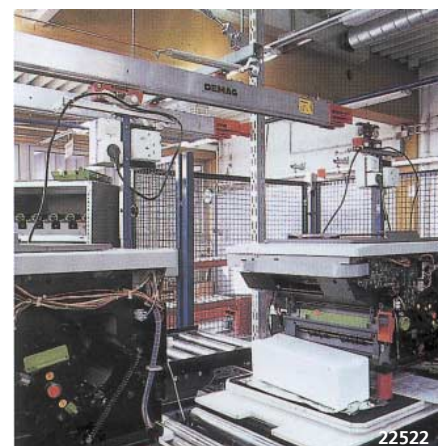
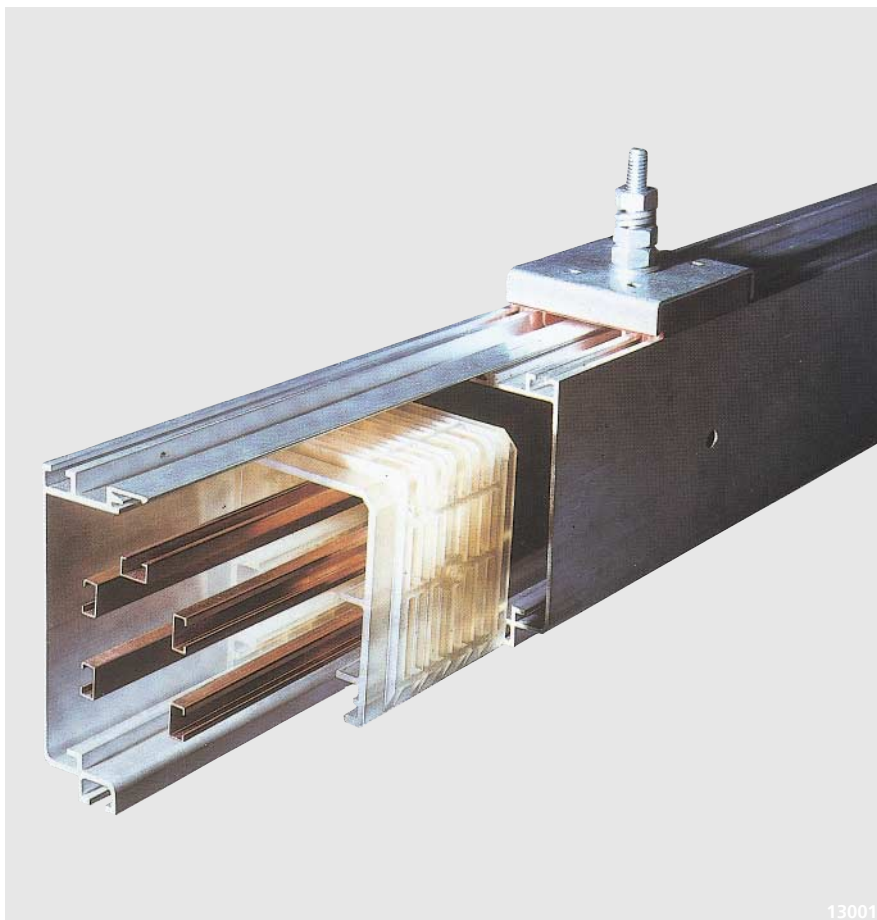


Compact busbar line DKK

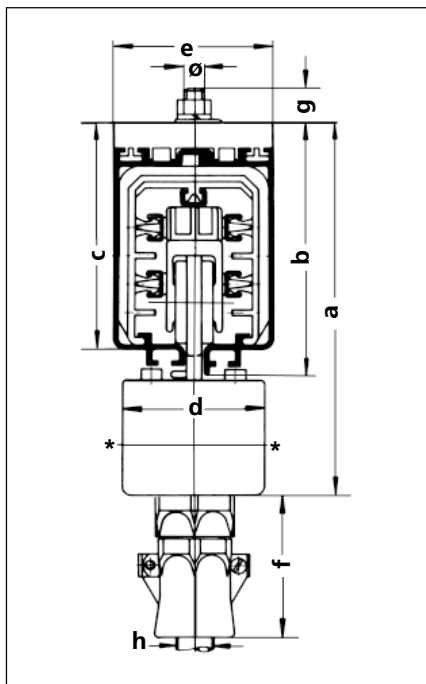
Current supply lines for mobile equipment



Advantages:

- Space saving compact conductor line for mobile electrical equipment including cranes, crabs, portable electric tools and other appliances.
- Complete electrical safety with separate insulators.
- Split enclosure provides easy access to the busbars.
- Wide range of applications with one type of enclosure: aluminium
- Simple erection with prefabricated components
- Simple attachment of electrical command and/or pulse generating unit with semi and fully automatic control.
- Especially high thermal and mechanical strength is provided by the aluminium enclosure.
- Resistant to corrosion
- Light, compact design
- Safety busbar line (Protection against accidental contact)

Dimensions



Description of type code (example):

D	K	K	4	-	10	Al
						Aluminium enclosure
						Cross-section of copper busbar in mm ²
						Number of poles
						Enclosed busbar line
						Compact type
						Demag

Dimensions (mm)	e = 60
a = 170 (145)	f = 76 (40)
b = 98	g = 40
c = 88	h = 14–18 ø (12–14 ø)
d = 54	dia. = M 8

Dimensions in () for DKK-SW 4/25/2.5 and 5/25/2.5 collector trolleys.

* Clamp type cable gland can be fitted on any of 3 sides on types DKK-SW 4/25/2.5 and 5/25/2.5

Technical data	
Conductor line	
Type of enclosure	Aluminium
Standard length	mm 4000 + 1000
Voltage	500 V a. c.
Number of poles	4- or 5-poles
Busbar cross-section (copper)	Cu/mm ² 10 16 20 30 50 70
Weight (4-pole)	kg/m 2.0 2.2 2.4 2.6 3.2 3.8
Weight (5-pole)	kg/m 2.1 2.4 2.6 2.9 3.5 4.0
Load, A (100% CDF)	60 80 90 120 200 280
Ambient temperature	°C –30 bis +100 (temporarily +140)
Curved sections min. radius R	mm 900 (10, 16, 20 and 30 mm ²)
Suspension spacing max.	mm 900 (10, 16, 20 and 30 mm ²) 900 (10, 16, 20 and 30 mm ²) 900 (10, 16, 20 and 30 mm ²)
Type of enclosure acc. to IEC 529/1976	IP 23

Technical data	
Collector trolley	
Voltage	500 V a. c.
Load at	100% ED 25 A 20 A 40 A
Load at	30% ED 30 A 25 A 50 A
Connecting conductor cross section	max. mm ² 2.5 10 10
Fuses	max. 63 A 125 A 125 A
Negotiation of curves R	min. mm 700 1000
Travel speed	200 m/min. (straight travel)

Further information Ident nos.
202 540 44
206 000 44

Demag Cranes & Components

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