

**A10 male 10-pole, screw t., 250 V, 16 A**

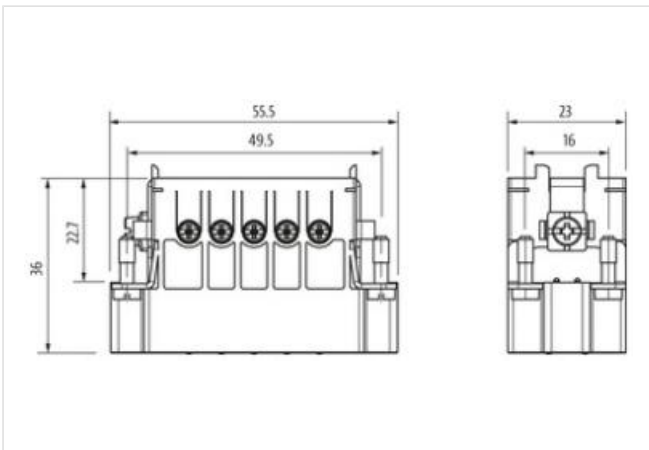
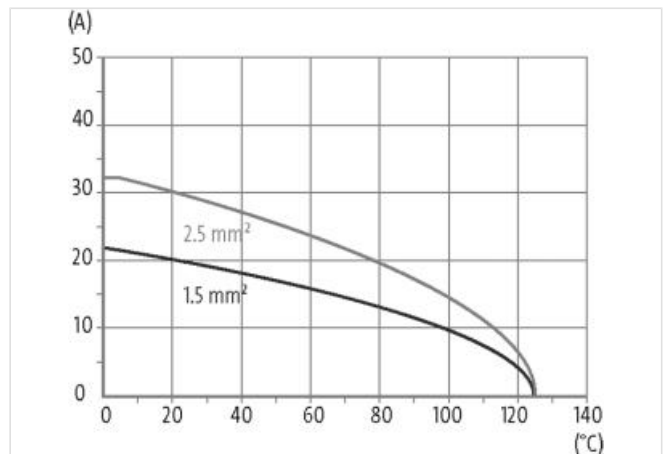
A10

Male

10-pole

Screw terminal

Technical data will be only guaranteed with Murrelektronik components.

[Link to Product](#)**Illustration**

Product may differ from Image

**Technical Data**

Operating voltage	250 V AC/DC
Rated surge voltage	4.0 kV
Operating current	16 A
No. of poles	10 + PE
Material group	IIIb
Mating cycles	min. 500
Connection	Screw terminal
Connection cross section	0.5...2.5 mm² (AWG 20...14)
Pull-out force	min. 50 N
Holding force	> 150 N
Tightening torque (clamp screw)	min. 0.4 Nm

Insertion and withdrawal force	< 180 N
Stripping length	7.8 mm
Isolation resistance	$\geq 10^8 \Omega$
Contact resistance	$\leq 5 \text{ m}\Omega$
Over voltage category	III
Wire-Ø incl. isolation	max. 4.6 mm

**General data**

Material (contact)	Brass
Material (contact surface)	Ag
Pollution Degree	3
Temperature range	-40...+125 °C
Material (contact carrier)	PA GF
Flammability class	V-0 (acc. to UL 94)
Size	A10
Type	Male
Climatic category	40/125/21
Dimensions H×W×D	36×23×55.5 mm

**Cables**

Current load capacity	see derating curve
Product article number of manufacturer	70MH-ES010-BS01020