

A3 male 5-pole, crimp t., 400 V, 16 A

Art.No.: 70MH-ES005-AC02020

Weight: 0.016

Country of origin: CZ

Model designation: MSMH-EST-A03-C-5pol. 400 V 16 A

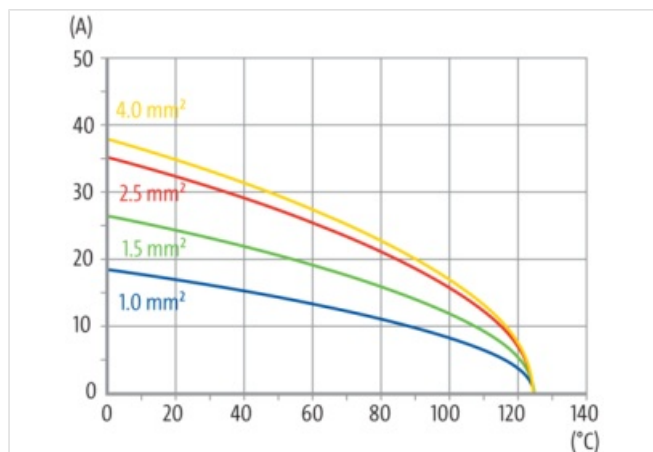
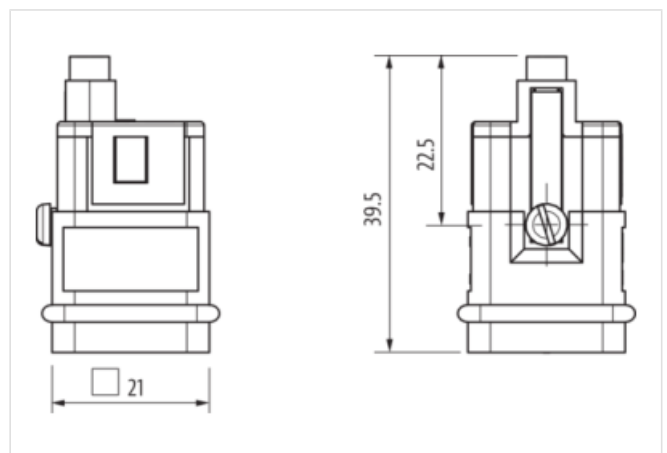
A3

Male

5-pole

Crimp

Technical data will be only guaranteed with Murrelektronik components.

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

Product may differ from Image

**Commercial data**

URL Webshop	https://shop.murrelektronik.com/70MH-ES005-AC02020
GTIN	4048879638746
ECLASS-6.0	27143424

ECLASS-6.1	27261204
ECLASS-7.0	27440205
ECLASS-7.1	27440205
ECLASS-8.0	27440205
ECLASS-8.1	27440205
ECLASS-9.0	27440205
ECLASS-9.1	27440205
ECLASS-10.0.1	27440205
ECLASS-10.1	27440205
ECLASS-11.0	27440205
ECLASS-11.1	27440205
ECLASS-12.0	27440205
ECLASS-13.0	27440205
ECLASS-14.0	27440205
ETIM-5.0	EC000438
ETIM-6.0	EC000438
ETIM-7.0	EC000438
ETIM-8.0	EC000438
EAN	4048879638746

Electrical data

Contact resistance max.	5 mΩ
-------------------------	------

Electrical data | Supply

Operating current	16 A
Operating voltage AC per power contact max.	400 V
Operating voltage DC per power contact max.	400 V
Operating voltage AC per signal contact max.	230 V
Operating voltage DC per signal contact max.	230 V

Installation

Connection cross section min.	0.5 mm ²
Connection cross section max.	4 mm ²
AWG number min.	20
AWG number max.	11

Installation | Connection

Gender	male
Connection	Crimp
Mating cycles min.	500
Wire insulation diameter min.	4.6 mm

Installation | Pin assignment

No. of poles	PE
--------------	----

Device protection | Electrical

Pollution Degree	3
Overvoltage category (EN 60664-1)	III
Overvoltage category (EN 60950-1)	III
Rated surge voltage	6 kV
Insulation resistance min.	100
Material group (IEC 60664-1)	IIIa

Mechanical data

Holding force min.	100 N
Pulling force max.	100 N

Mechanical data | Material data

Material contact carrier	PC GF
Material contact	Brass
Coating contact	versilbert, vergoldet
Combustibility class (UL94)	V-0

Mechanical data | Mounting data

Height	39.5 mm
Width	21 mm
Depth	21 mm
Size	A3

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	125 °C
Climatic category (EN IEC 60068-1)	40/125/10