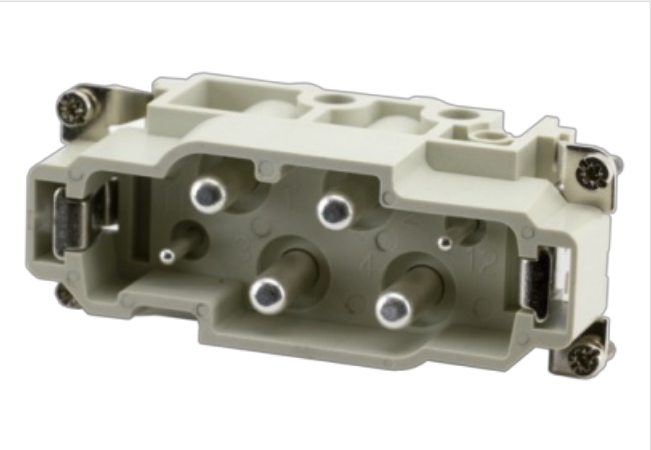


B16 male 4+2-pole, screw t., 830/400 V, 80/16 A

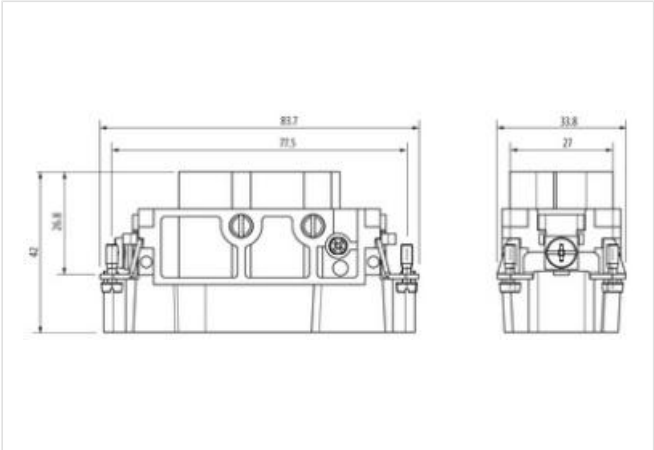
B16
Male
4+2-pole
Screw terminal
Technical data will be only guaranteed with Murrelektronik components.

Link to Product

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0	27143424
ECLASS-6.1	27261204
ECLASS-7.0	27440205
ECLASS-8.0	27440205
ECLASS-9.0	27440205
ECLASS-10.1	27440205
ECLASS-11.1	27440205
ECLASS-12.0	27440205
ETIM-5.0	EC000438
customs tariff number	85389099
GTIN	4048879639606
Packaging unit	1

Electrical data | Supply

Operating voltage AC per power contact max.	830 V
Operating voltage AC per signal contact max.	400 V
Operating voltage DC per power contact max.	830 V
Operating voltage DC per signal contact max.	400 V
Operating current per power contact max.	80 A
Operating current per signal contact max.	16 A

Installation

Connection cross section min.	1,5 mm²
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Connection cross section max.	16 mm ²
AWG number min.	16
AWG number max.	5

Installation | Connection

Stripping length min.	6 mm
Stripping length max.	14 mm
Wire insulation diameter variable max.	max. 11 mm (Power); max. 4.8 mm (Signal)
Connection	Screw terminals SK
Tightening torque	min. 2.5 Nm (Power); min. 0.5 Nm (Signal)
Gender	male
Mating cycles min.	500

Installation | Pin assignment

No. of poles	4 + 2 + PE
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Device protection | Electrical

Pollution Degree	3
Rated surge voltage	8 kV
Insulation resistance min.	100 MΩ
Material group (IEC 60664-1)	IIIa
Overvoltage category (EN 60664-1)	III
Overvoltage category (EN 60950-1)	III

Mechanical data

Holding force power min.	500 N
Holding force signal min.	400 N
Pulling force max.	100 N

Mechanical data | Material data

Coating contact	silver-plated
Combustibility class (UL94)	V-0
Material contact	Brass
Material contact carrier	PC GF

Mechanical data | Mounting data

Size	B16
Height	42 mm
Width	33,8 mm
Depth	83,7 mm

Environmental characteristics | Climatic

Operating temperature min.	-40 °C
Operating temperature max.	125 °C
Climatic category (EN IEC 60068-1)	40/125/21