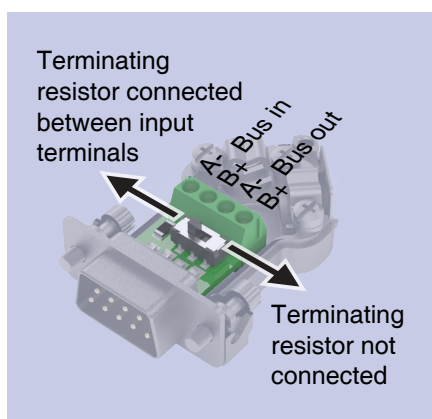




**RS485-IS** is a 2-wire intrinsically safe communications standard using a linear bus structure where field wiring may be looped through up to 32 field devices on a single segment.

The **BA3903 Pageant RS485-IS Sub D9 Connector** mates with the standard female connector on an RS485-IS field device. The connector contains duplicate input and output screw terminals enabling twisted pair field wiring to be easily looped through the field device.

**Both ends of an RS485-IS segment** require an external terminating resistor to prevent signal reflections. If the first and last field devices do not include a terminator, the BA3903 connector contains a 200Ω terminating resistor which may be switched into circuit between the input terminals.



## SPECIFICATION

### Environmental

Operating temp -40 to +65°C  
Storage temp -40 to +85°C

Material Nickel plated zinc

Humidity to 95% at 40°C  
non-condensing

EMC Complies with  
UK & European  
EMC Directives.  
Electromagnetically  
benign

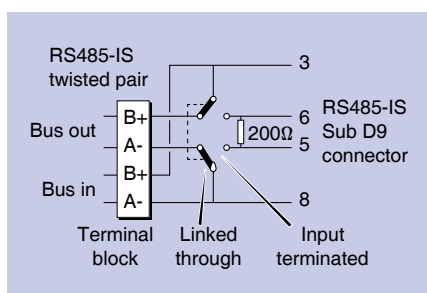
### Mechanical

Connectors  
Field wiring 4-way screw  
clamp connector  
for 0.5 to 1mm<sup>2</sup>  
wire.

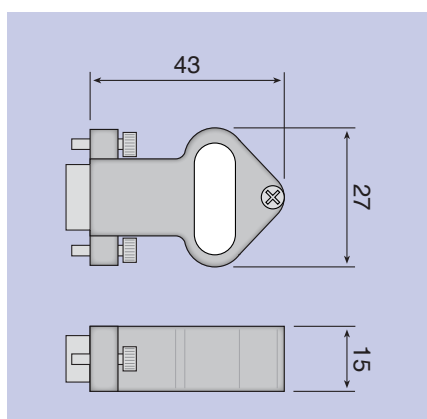
Field device 9 way sub D9  
male connector.

Weight 0.5kg

## TERMINAL CONNECTIONS



## DIMENSIONS (mm)



## HOW TO ORDER

Model number Please specify  
BA3903

# BA3903

## Pageant RS485-IS Sub D9 connector

*Connects RS485-IS field  
wiring to instruments.*

◆ Duplicate terminals  
enables RS485-IS cable  
to be connected to, and  
looped through field  
devices.

◆ Contains selectable  
200Ω end of line  
terminating resistor.

◆ Complies with RS485-IS  
Users Installation Guide.

◆ 3 year guarantee

[www.beka.co.uk/ba3903](http://www.beka.co.uk/ba3903)

# BEKA

## associates

BEKA associates Ltd. Old Charlton Rd.  
Hitchin, Hertfordshire, SG5 2DA, U.K.  
Tel. (01462) 438301 e-mail [sales@beka.co.uk](mailto:sales@beka.co.uk)  
website: [www.beka.co.uk](http://www.beka.co.uk)