

SAFETY LIGHT CURTAINS

JANUS J - 3B

Models, without built-in Muting Function. Operating range 6 or 16 selectable. Built-in control functions.

Certifications:



Technical data:

Family	JANUS J -
Code	1360641
Safety level (SIL / PL)	Type 4 - SIL 3 - SILCL 3 - PL e - Cat. 4
Detection	Access control
Height of protected area (mm)	810
Number of beams	3
Max. length of the connection cables (m)	100
Connections	5 poles M12 connector (emitter), 19 poles M23 connector (receiver)
Power supply (VDC)	24 +/- 20%
Operating Range (m)	6 or 16 selectable
Response time (ms)	7
Light curtain status and weak signal	PNP - 100 mA at 24 VDC
Safety outputs	2 fail-safe PNP - 500 mA at 24 VDC with protection against short circuit, overload and reverse polarity
Safety functions Start / Restart and EDM	Built-in
Restart	Manual or Automatic sectable
Muting Function	With external modules
Blanking function	No
MTTFd (ISO 13849-1) years	100
PFHd (IEC 61508)	7,70E-09
CCF (ISO 13849-1)	80%
Degree of protection	IP 65
Operating temperature (°C)	From -10 to 55
Cross section dimensions (mm)	50 x 60
Overall height (mm)	1041
Packaging dimensions WxHxL (mm)	195x135x1130
Gross weight (Kg)	7,2
Protective enclosures	no
Master Slave Models	no

Accessories:

[CABLES CD 5](#)
[CABLES CD 10](#)
[CABLES CD 15](#)
[CABLES CD 20](#)
[CABLES CD 25](#)
[CABLES CD 50](#)
[CABLES CDM 9](#)
[CABLES CJBE 3](#)
[CABLES CJBE 5](#)
[CABLES CJBE 10](#)
[CABLES CJBE 25](#)
[CABLES CJ 3](#)
[CABLES CJ 5](#)
[CABLES CJ 10](#)
[CABLES CJ 15](#)
[CABLES CJ 20](#)
[CABLES CJ 20L2](#)
[CABLES CJ 30](#)
[CABLES CJ 30L2](#)
[CABLES CJ 35](#)
[CABLES CJBR 3](#)
[CABLES CJBR 5](#)
[CABLES CJBR 10](#)
[CABLES CJM 23](#)
[EMC B3 FLOOR SUPPORT COLUMN](#)
[EMC S3 COLUMN WITH MIRROR](#)
[EMC SB3 COLUMN WITH ADJUSTABLE MIRRORS](#)
[EMC B3R FLOOR SUPPORT COLUMN](#)
[MJBOX MJB 2 Connection box](#)
[MJBOX MJB 4 Connection box](#)
[LASER ALIGNEMENT LAD 3](#)
[ACCESSORIES BRAKETS SEB 4J](#)
[ACCESSORIES SP 900 S - DEFLECTION MIRROR](#)

Related products:

[MOSAIC MR2](#)
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0](#)
[Safety relay modules for devices with integrated feedback input for EDM - AD SR0A](#)

See technical drawing in the next page.

Technical drawing:

A = 1041 mm

