



工程指示 / 要求簡箋(E.I.)

工程指示編號：EI / 0456-19

修改版次：B

工程編號：J835

工程名稱：TKO66D2 A&A Works

工程項目：地盤用配件 BM

收件人：Maggie, 林哥

發件人：Timmy

日期：02/10/2019

要求提供 /  確認 事項：

- |                                    |                                     |                               |
|------------------------------------|-------------------------------------|-------------------------------|
| <input type="checkbox"/> 初步鋁料 B.M. | <input type="checkbox"/> 加工拆圖，然後生產  | <input type="checkbox"/> 尺寸表  |
| <input type="checkbox"/> 正式鋁料 B.M. | <input type="checkbox"/> 技術上資料 / 指示 | <input type="checkbox"/> 報價   |
| <input type="checkbox"/> 玻璃 B.M.   | <input type="checkbox"/> 樣辦或貨品說明書   | <input type="checkbox"/> 分判合約 |
| <input type="checkbox"/> 其他：_____  |                                     |                               |

內容：

按附頁配件 BM 訂購。

請在 \_\_\_\_\_ 前完成上列要求。

附有關圖紙 / 文件：

1+2 頁

以上項目為：

原合約工程包                       原合約工程加 / 減賬                       新工程報價

原因：- \_\_\_\_\_

分發東莞各部門：

- ( ) 生產技術總監  連附件    ( ) 技術部     連附件    ( ) 生產部     連附件    ( ) 機械設計部  連附件  
 ( ) 採購部     連附件    ( ) 生產統籌部  連附件  
 ( ) 質檢部     連附件    ( ) 會計部     連附件    ( ) 報關組     連附件    ( ) 其他 \_\_\_\_\_  連附件

分發香港各部門：

- ( ) 行政部  連附件    ( ) 會計部  連附件    (X) 統籌部  連附件    ( ) 工程部地盤科文  連附件  
 (X) 採購部  連附件    ( ) QS 部  連附件    ( ) 維修部  連附件    ( ) 其他 \_\_\_\_\_  連附件

傳遞編號：HK -

(FTP)

發件人簽署：

項目經理簽署：P.P.

地盤用配件B.M.表

項目類別: A & A WORKS

批准:

日期:

B.M.編號: B版本


A/C Code:

批准:

日期:

此B.M.依據

序號	修改標示	配件圖號	物料編號	配件名稱	顏色	實用	後備	總數	單位	備註
1			HIL.T HST3-R M16	M16x150mm拉爆螺絲	S.S#316 A4-70	60	10	70	套	固定GLASS WALL 頂底鐵碼 1 & 2 / J835-AA-DT13
2			HIL.T HST3-R M12	M12x100mm拉爆螺絲	S.S#316 A4-70	300	10	310	套	
3			HIL.T HST3-R M13	M10x100mm拉爆螺絲	S.S#316 A4-71	100	10	110	套	
4			HIL.T HST3-R M8	M8x75mm拉爆螺絲	S.S#316 A4-70	150	10	160	套	用於通道門地彈簧&百葉位固定 & 鋁板位固定鐵碼
5				M16六角頭螺絲配1絲母,2平2彈介	S.S#316 A4-70	16	4	20	套	1/F固定鐵碼 7 / J835-AA-DT13
6				M12六角頭螺絲配1絲母,2平2彈介	S.S#316 A4-70	42	4	46	套	豎框頂修飾鐵碼
7				M10六角頭螺絲配1絲母,1平1彈介	S.S#316 A4-70	7	3	10	套	用於1/F固定鐵企通
8				M10六角頭螺絲配1絲母,1平1彈介	S.S#316 A4-70	60	10	70	套	修裝飾條
9				加1彈介	S.S#316 A4-70	80	10	90	套	固定廣告牌裝飾條
10				M6六角頭螺絲配1絲母,1平1彈介	S.S#316 A4-70	200	15	215	套	用於百葉彈固定鐵碼 & 裝飾鋁板固定鐵角
11				M6x20圓頭機絲 (配彈墊)	S.S#316 A4-70	100	20	120	套	豎框與橫框組框用鋁角螺絲
12				M5x12圓頭機絲	S.S#316 A4-70	50	10	60	粒	層間裝飾條鐵碼固定
13				#12X22mm圓頭鋼牙	S.S#316 A4-70	400	50	450	粒	修百葉框
14				#9X30mm平頭鋼牙	S.S#316 A4-70	300	50	350	粒	修百葉頂底副框
15				#8X25mm圓頭鋼牙	S.S#316 A4-70	1000	100	1100	粒	用於鋁裝飾板固定,
16				#8X25mm自攻自鑽鋼牙	S.S#316 A4-70	500	50	550	粒	用於鐵件固定 & 鋁板修鐵件固定,
17				7 (黏面) mmx6mm雙面貼	黑色	50	10	60	米	
18				D.C.791 防水膠 300ml/支	深灰色	100	10	110	支	
19				皺紋膠紙	灰黃色	15	5	20	卷	20m/卷
20				#10x25mm長圓頭鋼牙膠膠塞		200	50	250	套	
21				Φ8mm海綿棒	白色	200	20	220	米	
22				Φ10mm海綿棒	白色	200	20	220	米	
23				Φ12 mm海綿棒	白色	200	20	220	米	
24				Φ18mm海綿棒	白色	200	20	220	米	
25				Φ30mm海綿棒	白色	200	20	220	米	

 MIDI Aluminium Fabricator Ltd. 美特鋁質有限公司 地盤用配件B.M.表	工程號:	J-835	計算:	曾建平	日期:	10/04/2019	送呈:	施哥
	地盤名稱:	將軍澳66D平台	核對:		日期:		副本:	
項目類別:	A & A WORKS	批准:			日期:			
A/C Code:		此BM依據						

序號	修改標示	配件圖號	物料編號	配件名稱	顏色	實用	後備	總數	單位	備注
26				#10高拉力焊枝	灰黃色	3	1	4	包	每包175支
27		Roxul-Thermal Insulation 50mm thk x110 kg/m3		50mm厚隔熱棉(錫紙面)	灰黃色	5	1	6	張	1.2m x 0.6m x 0.05m厚
28		Roxul-Fire Stopper 135mm thk x60kg/m3		防火棉	灰黃色	4	1	5	張	1.2m x 0.6m x 0.135m厚 (基仔位用防火棉)
29				鎚鏈牌 鉛水油		3	0	3	升	
30				美力寶P4 瀝青油		2	0	2	升	
31	B--更正		BESAM SL500-2	自動雙吊趟門		1	0	1	套	(double leaf)
32	B--新增			吊趟門配件		2	0	2	套	配件1) Break-out unit, 2)Key switch各1套
33	B--新增		IXIO-S	SAFETY SENSOR		1	0	1	對	(室內+室外)
34			BESAM SW300-1	感應器 & 閉門器		2	0	2	套	單掩門用(單套), Supply & Install
35			BESAM SW300-2	感應器 & 閉門器		5	0	5	套	雙掩門用(一對), Supply & Install
36			"DORMA" BST80	地彈簧	不鏽鋼#316(Satin No.3)	10	1	11	套	門底部
37			Silicone 硬度85±5	14x10mm墊塊(L=150mm)	黑色	50	10	60	塊	G/F&1/F玻璃底鐵槽位用
38			Silicone 硬度85±5	11x6mm墊塊(L=150mm)	黑色	44	10	54	塊	通道門邊企用
39			Silicone 硬度85±5	10x6mm墊塊(L=150mm)	黑色	22	10	32	塊	通道門底橫用
40				HILTI X-U27 P8射釘	不銹鋼	50	0	50	粒	
41				HILTI 子彈	紅藥	50	0	50	支	
42	B--取消	(另出在EI0848)	Boncrete/Sika Latex	防水劑(接觸劑)		2	1	3	公升	0.0125公升/米
43	B--取消	(另出在EI0848)	Snowcem	防水粉		7	1	8	公斤	0.0315公斤/米 混合水泥沙使用
44	B--取消	(另出在EI0848)	Baralastic(Mastseal 540)	防水油		30	2	32	公斤	0.135公斤/米

# Besam SL500

- Sliding Door Operator



The modular Besam SL500 enables upgrades and add-ons when you want to move your business forward.



## Sustainable Entrances



With additional sealing (Besam TightSeal), sustainable drive mode, intelligent opening width depending on traffic, inner- and outer door air locking, and timer settings - be assured that your entrance suits your people flow as well as your environmental footprint.

## Safety First


To permit safe passage between closing doors, the doors reverse if an obstruction is detected then resume their interrupted movement at low speed to check if it has disappeared. If an obstruction is detected between opening doors and surrounding walls or interior fittings, the door immediately stops and then closes after a time delay. The door's speed and force can be customized to optimize safety. For optimally safe operation and convenience of your people flow, use a monitored Besam presence detection system.

## Standard equipment

Cover Support beam with transmission  
Electronic control unit with plug-in connections and power supply.

## Accessories and Options

Cover:  
Clear anodized aluminium (other anodizing optional)  
Paint finished in colour RAL 9010 (other RAL paint finishes optional)  
Door adaptor for doors up to 65 mm thickness made by others  
Traffic-controlled opening width  
Synchronizing of two operators  
Operation mode selectors  
Electronic emergency opening or closing unit

Break-out unit   
Emergency button

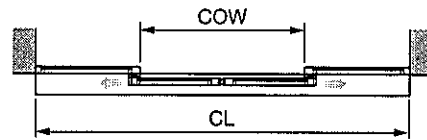
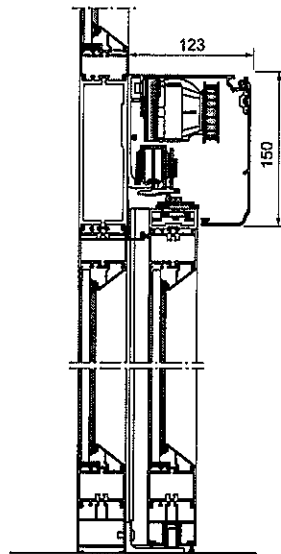
Besam motion and presence sensors  
Electrical locking devices

Interlocking between two operators

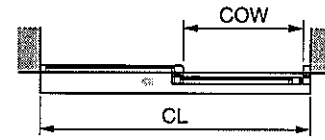
Key switch   
Besam Automatic Door systems

## Security and Monitoring

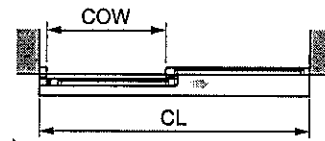
Choose your security level by adding different features. Unwanted guests are not an issue for the Besam SL500 as its locking devices and operation mode selector can be tailored to meet your security needs during opening as well as business closing hours. Inter air locking facilities. Ensure you are one step ahead of break-downs via maintenance indicators and automated diagnostics, or let us take care of your maintenance via ASSA ABLOY Entrance Systems tailored Maintenance programs.



Bi-parting



Left opening



Right opening

COW = Clear opening width  
CL = Cover length

### Appealing Aesthetics

The Besam SL500 further improves the aesthetics of your automated entrance system. With the operator's sleek design, state-of-the-art operation mode selectors, minimum amount of operational parts as well as smooth and quiet operation - the Besam SL500 ensures both convenience and appeal to pedestrians.

### Models

**Besam SL500-2** - 2 leaves, bi-parting, with or without break-out

**Besam SL500-R/L** - 1 leaf, single-slide, right or left opening, with or without break-out

### Technical specifications

Power supply:

100 V AC -10% to 240 V AC +10%; 50/60 Hz

Power consumption: max. 250 W

Besam SL500-2 Double leaf opening max: 200 kg/door leaf

Besam SL500-R/L Single leaf opening max: 240 kg/door leaf

Clear opening (COW):

SL500-2: 900 – 3000 mm

SL500-R/L: 900 – 3000 mm

Hold open time: 0 – 60 s

Ambient temperature: -20°C to +50°

Relative humidity (non-condensing): Max. 85%



This equipment should be installed, regularly inspected, maintained and serviced by trained and authorized personnel. Preventive maintenance plans are highly recommended for a proper and safe operation. Talk to your ASSA ABLOY Entrance Systems representative to learn more about our service offering!

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www.assaabloyentrance.com

**ASSA ABLOY**

The global leader in  
door opening solutions

# IXIO-S

## SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

Commercial sheet



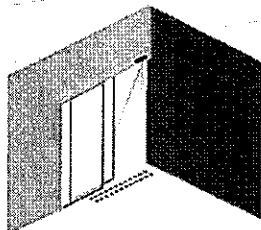
### THE SECOND GENERATION SAFETY SENSOR

#### DESCRIPTION

IXIO-S is an active infrared presence sensor. The tridimensional area of its infrared curtain protects the users from any contact with the doors.

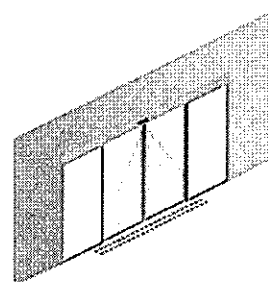
Adjustment is made easier with an LCD screen offering 10 different widths of curtains, to cover the full travel area of the door.

COMPLIANT WITH  
EN 16005/DIN 18650



#### CONFIGURATION

10 possible widths of IR curtains, for optimum coverage of the door opening.



#### INFRARED CURTAINS

48 high-density infrared spotlights from 2 curtains protect users from any contact with the doors.

A 32-bit microprocessor optimises the processing of information coming from the environment, ensuring a stable performance throughout the year.

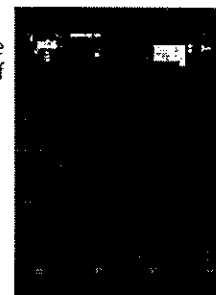
#### LCD

Intuitive configuration with an LCD screen displaying texts and symbols (LCD graphics).

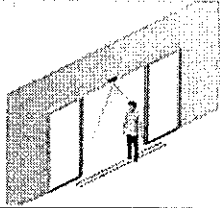


#### SAFETY

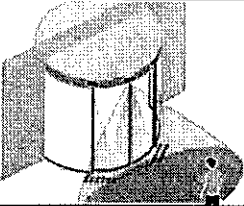
4 red spotlights visible on the ground to adjust the angle of the failsafe curtain.



APPLICATIONS

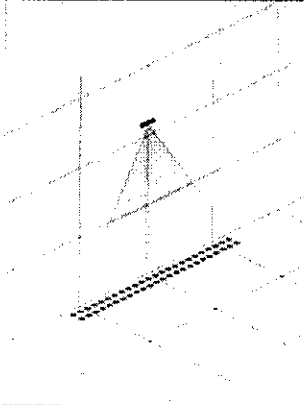


Double-leaf sliding doors



Curved doors

DETECTION RANGE



Infrared detection area 2,2 m x 0,5 m @ 2,2 m

IXIO RANGE



IXIO-D

Sensor with combined radar and infrared for opening and safety of sliding doors.

TOOL



BEA DECODER APP



Download the BEA DECODER app for a quick overview of settings

## APPLICATIONS

- Safety of linear, telescopic and curved automatic sliding doors.

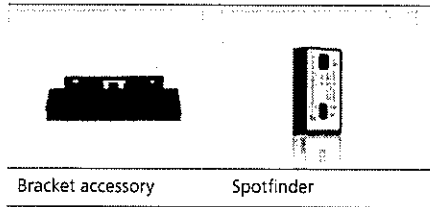
## EASE OF INSTALLATION

- Intuitive configuration thanks to an LCD screen and/or a BEA remote control.
- LCD graphics screen with choice of language.
- 10 adjustment options for the IR curtains.
- 4 infrared spotlights visible on the ground to enable easy adjustment of the failsafe curtain.
- Plug, push & go.

## VERSIONS

- IXIO-ST : safety sensor with self-monitoring.
- IXIO-SP : safety sensor with self-monitoring for pulsed safety door controls.

## ACCESSORY



Bracket accessory

Spotfinder

## TECHNICAL SPECIFICATIONS

Detection mode	Presence
Technology	Active infrared with background analysis
Outputs	Solid-state-relay (potential and polarity free)
Test input	Sensitivity: Low: < 1 V ; High: > 10 V
Supply voltage	12 V - 24 V AC +/-10%; 12 V - 30 V DC +/- 10%
Mounting height	2 m to 3.5 m (local regulations may have an impact on the acceptable mounting height)
Temperature range	-25°C to +55°C; 0-95% relative humidity, non condensing
Degree of protection	IP54
Applicable directives /Norms	EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 12978; EN ISO 13849-1:2008 PL «c» CAT. 2*; EN 16005:2012 Chapter 4.6.8.; DIN 18650-1:2010 Chapter 5.7.4.

*Specifications are subject to change without prior notice.*

*\*under the condition that the door control system monitors the sensor at least once per door cycle*

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## IXIO-5 OPENING AND SAFETY SENSOR FOR AUTOMATIC SLIDING DOORS

44 628 927 10 14