

IDE-BOX CONTROL UNITS FOR LIGHT CURTAINS AND SAFETY SENSORS

Control Units for use with Light Sensing Components
22mm wide modules plug into SB housing station

Self monitoring Type 4 (IEC61496) SIL3 to IEC61508

Light Curtains SLC SLCS SLGC SLGM

Light Sensors LS12 LS29 LS20 LS40

No programming required, configuration is by DIP switches on modules

Single or independent multiple zone guarding

No software knowledge required

Up to 4 components per module Self monitoring

Supports

Emergency Stop

Manual / Auto start

Muting Override



Module	SB-PR	SB-CP	SB-XP	SB-X
Specification	System Power Supply and Relay Outputs (always required)	Input Module with micro controller	Input Module with micro controller	Input Module
Inputs	1 system reset button 1 system start button 1 relay monitor 2 wire	Max. 4 channels For devices with: NC NO contacts	Max. 4 channels For devices with: PNP outputs NC NO contacts	Max. 4 channels For devices with: PNP outputs NC NO contacts
Connectable sensors		LS 12 LS29	SLC SLCS SLGC SLGM LS 20 LS40	SLC SLCS SLGC SLGM LS 20 LS40
Outputs	2 independent safety relay outputs 3 indicator LED's 1 RS422			
Response time	< 78ms			
Selectable functions	Restart Relay monitor			
Supply voltage	24V.dc	Internally via back plane of SB housing		
Connection	Removable screw type cage terminal			

Description		Sales Number
SB-PR	System Power Supply and relay outputs	SB-PR
SB-CP	Input Module with micro controller	SB-CP
SB-XP	Input Module with micro controller	SB-XP
SB-X	Input module	SB-X
SB Housing station 2	Accepts 2 modules (45.2mm wide)	SB-2
SB Housing station 3	Accepts 3 modules (67.8mm wide)	SB-3
SB Housing station 4	Accepts 4 modules (90.4mm wide)	SB-4
SB Housing station 5	Accepts 5 modules (113.0mm wide)	SB-5
SB Housing station 6	Accepts 6 modules (135.6mm wide)	SB-6
SB Housing station 7	Accepts 7 modules (158.2mm wide)	SB-7
SB Housing station 8	Accepts 8 modules (180.8mm wide)	SB-8
Cape for unused stations	Covers unused stations of the Safebox (22mm wide)	SB-CAPE