

new



With its small-size housing, EOS2/4 series is ideal for the protection of any tool machine, in particular where space restrictions exist. Its zero-dead-zone on one side, allows EOS2/4 to keep its original resolution when installed on a plane and up to 40 mm when installed at 90° against another EOS2/4 unit. The hardware configuration feature does not require any programming allowing easy installation and replacement.

- Power supply: 24 ± 20% (VDC)
- Signalling: LEDs for light curtain's status and diagnostic
- M12 connector: (8 pin for receiver/5 pin for emitter) *see page K-21*
- Fastening: Standard L-shaped brackets for easy installation included
- Safety outputs: 2 PNP - 400 mA at 24 VDC with short-circuit, overload, polarity reversal protection
- Built-in, selectable manual/automatic Start/Restart
- Built-in feedback input for external relays monitoring (EDM)

type	resolution	protected height	description	dimensions (mm)		
				(H)	(W)	(D)

EOS2 - type 2 safety light curtains (IP65/67)

- Detection: Hand
- Maximum range: 12 m
- Safety Level: Type 2, SIL 1, SILCL 1, PL c, Cat. 2

1320211	30 mm	310 mm	safety light curtain	363	28	30
1320212	30 mm	460 mm	safety light curtain	513	28	30
1320213	30 mm	610 mm	safety light curtain	663	28	30
1320214	30 mm	760 mm	safety light curtain	813	28	30
1320215	30 mm	910 mm	safety light curtain	963	28	30
1320216	30 mm	1060 mm	safety light curtain	1113	28	30

EOS4 - type 4 safety light curtains (IP65/67)

- Detection: Finger
- Maximum range: 6 m
- Safety Level: Type 4, SIL 3, SILCL 3, PL e, Cat. 4

1310011	14 mm	310 mm	safety light curtain	363	28	30
1310012	14 mm	460 mm	safety light curtain	513	28	30
1310013	14 mm	610 mm	safety light curtain	663	28	30
1310014	14 mm	760 mm	safety light curtain	813	28	30
1310015	14 mm	910 mm	safety light curtain	963	28	30

1310211	30 mm	310 mm	safety light curtain	363	28	30
1310212	30 mm	460 mm	safety light curtain	513	28	30
1310213	30 mm	610 mm	safety light curtain	663	28	30
1310214	30 mm	760 mm	safety light curtain	813	28	30
1310215	30 mm	910 mm	safety light curtain	963	28	30
1310216	30 mm	1060 mm	safety light curtain	1113	28	30
1310217	30 mm	1210 mm	safety light curtain	1263	28	30

Mounting accessories for above safety light curtains

1310980	bracket	set of 4 180° swivel brackets for	EOS4 - EOS2
1310997	bracket	set of 4 flat brackets	EOS4 - EOS2
1310973	bracket	set of 8 vibration dampers	EOS4 - EOS2

Mosaic safety controller DIN rail mounting (H) 99 x (W) 22.5 x (D) 114 mm

Mosaic is a modular, configurable safety controller for protecting machines or plants. It is capable of monitoring several safety sensors and commands, such as safety light curtains, laser scanners, photocells, mechanical switches, mats, emergency stops, two-hand controls, concentrating management of these in a single, flexible device.

- Safety level: SIL 3 – SILCL 3 – PL e – Cat. 4
- Operating temperature: -10 ... 55 °C
- Storage temperature: -20 ... 85 °C

type	description
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1100000	main unit, also usable as a stand-alone device, able to control any other expansion units
1100010	I/O expansion unit: 8 digital inputs and 2 OSSD pairs with 400mA output current
1100021	digital input expansion unit: 16 digital inputs
1100031	digital output expansion unit: 4 OSSD pairs
1100041	safety relay unit: 4 relays
1100043	safety relay unit with configurable outputs and 8 programmable digital signal outputs
1100060	proprietary removable memory card
1100061	bus connector (<i>necessary to connect 1100000 to expansion units</i>)
1100062	programming cable (USB A cable)



1310980



1310997



1100000



1100041