

Sensors



Motion and light sensors reference guide for lighting applications and room automation

	Stand-Alone devices				Control system devices				Bus system devices					
Product name	e-Detector AutoOnOff	e-Multisensor AutoOnOff	e-Multisensor AutoDim 1-10V	e-Multisensor AutoDim DALI	e-Sensor Noiseless	e-Detector Noiseless	e-Multisensor 0-10V	e-Multisensor Lon TP/FT-10	e-Multisensor Lon PowerLine	e-Multisensor DALI	Multilux 360 DALI	Multilux 360 Lon TP/FT-10 Multilux 360 Lon PowerLine	Multilux 180 DALI	Multilux 180 Lon PowerLine
Ordering number	DP.5011100-010	MS.503201-000	MS.503200-000	MS.583000-000	DP.801110-00X DP.501110-00X	DP.801110-010 DP.501110-010	MS.602000-000	MS.623000-000	MS.513000-000	MS.082002-000	ML.082001-000	ML.62X000-000 ML.51X000-000	ML.082001-001	ML.62X000-001 ML.51X000-001
Mounting	Suspended ceiling	Suspended ceiling	Suspended ceiling	Suspended ceiling	Flush mounting	Suspended ceiling	Suspended ceiling	Suspended ceiling	Suspended ceiling	Suspended ceiling	Surface mounting	Surface mounting	Surface mounting	Surface mounting
Enclosure	Ceiling	Ceiling	Ceiling	Ceiling	Universal	Ceiling	Ceiling	Ceiling	Ceiling	Ceiling	IP65	IP65	IP65	IP65
Supply Power	95-250Vac 50/60Hz	95-250Vac 50/60Hz	95-250Vac 50/60Hz	95-250Vac 50/60Hz	12-24 Vac/Vdc 95-250Vac	12-24 Vac/Vdc 95-250Vac	24 Vac/Vdc	24 Vac/Vdc	95-250Vac 50/60Hz	DALI Bus	DALI Bus	24 Vac/Vdc 95-250Vac 50/60Hz	DALI Bus	24 Vac/Vdc 95-250Vac 50/60Hz
Technology	-	-	-	DALI	-	-	-	LonWorks	LonWorks	DALI	DALI	LonWorks	DALI	LonWorks
Channel	-	-	-	D1-D2	-	-	-	TP/FT-10	PowerLine	D1-D2	D1-D2	TP/FT-10 / PowerLine	D1-D2	TP/FT-10 / PowerLine
Motion sensor	x	x	x	x	x	x	x	x	x	x	x	x	x	x
Light sensor	x	x	x	x	-	-	-	x	x	x	x*	x*	x*	x*
Temperature sensor	-	-	-	-	-	-	-	x	x	x	x*	x*	x*	x*
On/Off by Threshold	-	x	-	-	-	-	-	x	x	-	x*	x*	x*	x*
Constant Light Controller	-	-	x	x	-	-	-	x	x	x	x*	x*	x*	x*
Motion sensor area (*2)	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	40x40 mts	40x40 mts	40x1,8 mts	40x1,8 mts
Max. detection distance	10 mts	10 mts	10 mts	10 mts	9 mts	10 mts	8 mts	10 mts	10 mts	10 mts	18 mts	18 mts	20 mts	20 mts
Light sensor range	-	0 .. 2000 Lux	0 .. 1000 Lux	0 .. 1000 Lux	-	-	0 .. 1000 Lux	0 .. 1000 Lux	0 .. 1000 Lux	0 .. 1000 Lux	0 .. 500 Lux	0 .. 500 Lux	0 .. 500 Lux	0 .. 500 Lux
Temp. sensor range	-	-	-	-	-	-	5 .. 45 °C	5 .. 45 °C	5 .. 45 °C	-	-	5 .. 45 °C	-	5 .. 45 °C
Digital Inputs	-	1	1	1	0	0	0	0	0	0	0	0	0	0
Outputs 0-10V / 1-10V	-	0	1	0	0	0	1	0	0	0	0	0	0	0
Relay Outputs	1	1	1	0	0	0	1	0	0	0	0	0	0	0
Max. Relay current	10 Amp.	10 Amp.	10 Amp.	-	-	-	5 Amp.	-	-	-	-	-	-	-
Transistor Outputs	0	0	0	0	1	1	0	0	0	0	0	0	0	0
Inputs features														
Switch-on by pushbutton	-	x	-	-	-	-	-	-	-	-	-	-	-	-
Switch-on by switch	-	x	-	-	-	-	-	-	-	-	-	-	-	-
Scene switch function	-	-	x	x	-	-	-	-	-	-	-	-	-	-
Dimming pushbutton	-	-	x	x	-	-	-	-	-	-	-	-	-	-
Outputs features														
Switch-off timeout	5 s to 30 min	5 s to 30 min	5 s to 30 min	5 s to 30 min	Fixed at 5 s	Fixed at 5 s	1 s to 50 min	Configurable	Configurable	Configurable	Configurable	Configurable	Configurable	Configurable
General features														
Color	White	White	White	White	White / Aluminum	White	White	White	White	White	Grey	Grey	Grey	Grey
Dimensions	80x50 mm (DxH)	80x50 mm (DxH)	80x50 mm (DxH)	80x50 mm (DxH)	87x79x32 mm	80x50 mm (DxH)	80x50 mm (DxH)	80x50 mm (DxH)	80x50 mm (DxH)	80x50 mm (DxH)	80x82x55 mm	80x82x55 mm	80x82x55 mm	80x82x55 mm
Weight	80 g	80 g	80 g	80 g	90 g	80 g	80 g	70 g	80 g	70 g	250 g	250 g	295 g	295 g
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NOTE: (*1) e-Sensor Noiseless product family ordering numbers: X = 1: White color
X = 3: Aluminum color
(*2) Read detailed information in datasheets

NOTE: Multilux product family ordering numbers: X = 1: Motion sensor
X = 3: Motion, light, temperature sensors
x*: Only available on Multilux models with light and temperature sensors