Sensors



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

	Stand-Alone devices				Control system devices			Bus system devices						
	•				•	• .	•			0)				
Product name	e-Detector AutoOnOff	e-Multisensor AutoOnOff	e-Multisensor AutoDim 1-10V	e-Multisensor AutoDim DALI	e-Sensor Noiseless e-Sensor Noiseless Mains	e-Detector Noiseless e-Detector Noiseless Mains	e-Multisensor 0-10V	e-Multisensor Lon TP/FT-10	e-Multisensor DALI	e-Multisensor DALI Mains Wide	Multilux 360 DALI	Multilux 360 Lon TP/FT-10 Multilux 360 Lon PowerLine	Multilux 180 DALI	Multilux 180 Lon TP/FT-10 Multilux 180 Lon PowerLine
Ordering number	DP.501100-010	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.082002-000	MS.582002-010	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	DALI Bus	DALI Bus	DALI Bus	24 Vac/Vdc 95-250Vac 50/60Hz	DALI Bus	24 Vac/Vdc 95-250Vac 50/60Hz
Technology	-	-	-	DALI	-	-	-	LonWorks	DALI	DALI Bus	DALI	LonWorks	DALI	LonWorks
Channel	-	-	-	D1-D2	-	-	=	TP/FT-10	D1-D2	D1-D2	D1-D2	TP/FT-10 / PowerLine	D1-D2	TP/FT-10 / PowerLine
Motion sensor	х	х	х	x	x	х	х	х	х	x	x	х	х	х
Light sensor	х	x	х	х			х	х	х	х	x*	x*	х*	х*
Temperature sensor	-	-	-	-	-	-	-	х			x*	X*	X*	x*
On/Off by Threshold	-	x						x			x*	X*	X*	x*
Constant Light Controller	-	-	х	х				х	x	х	X*	X*	Χ*	x*
Motion sensor area (*2)	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	6x6 mts	9x9 mts	13x13 mts	13x13 mts	18x0,5 mts	18x0,5 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
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	-		х	х										
Dimming pushbutton	-		х	х										
Outputs features														
Switch-off timout	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	70 g	70 g	250 g	250 g	295 g	295 g
		r			ı				r	r	г			,
Page	60	60	60	60	62	62	64	66	66	66	72	72	72	72

NOTE: (*1) e-Sensor Noiseless product family ordering numbers: X = 1: White color

X = 3: Aluminum color

NOTE: Multilux product family ordering numbers:

X = 1: Motion sensor

X = 3: Motion, light, temperature sensors

x*: Only avilable on Multilux models with light and temperature sensors

58