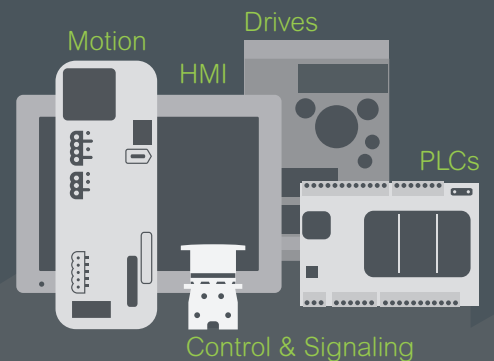




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Essential automation & control products

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Easy Harmony[®] XVG monolithic tower lights

Signaling units Ø 60

Quick access to product information

Get technical information about your product

References

Telefast Pre-wired System
Modicon ABE9 IP 67 passive splitter boxes

References					
Splitter boxes with connection by M23 connector					
Number of channels	Connection by	LED indicator	Reference	Weight (kg)	
4	4 x M12 female connection	Yes	ABE912W1223	0.280	
6	6 x M12 female connection	Yes	ABE912W1226	0.370	
8	8 x M12 female connection	Yes	ABE912W1228	0.500	
8	8 x M12 female connection	No	ABE912W1228	0.330	
Splitter boxes with connection by cable					
Number of channels	Connection by	Length (m)	LED indicator	Reference	Weight (kg)
4	4 x M12 female connectors	14.4	No	ABE912W1223	0.280
			Yes	ABE912W1223	0.490
		10	No	ABE912W1223	0.280
		10	Yes	ABE912W1223	0.320
		20.0	No	ABE912W1223	0.500
		20.0	Yes	ABE912W1223	0.540
6	6 x M12 female S		Yes	ABE912W1226	0.510

Schneider Electric

XB5AL73415
green flush/red projecting double-headed pushbutton Ø22 with marking

Download your XB5AL73415 datasheet

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Main

Range of product	Harmony XB5
Product or component type	Complete double-headed push-button
Device short name	XB5
Bezel material	Plastic
Fixing collar material	Plastic
Head type	Standard
Mounting diameter	22 mm
Shape of signaling unit head	Rectangular
Type of operator	Spring return
Operator profile	1 flush - 1 projecting push-buttons
Operator description	Green "I" - red "O"
Contacts type and composition	1 NO + 1 NC
Contact operation	Slow-break

Each commercial reference presented in a catalog contains a hyperlink. Click on it to obtain the technical information of the product:

- Characteristics, Dimensions and drawings, Mounting and clearance, Connections and schemas, Performance curves
- Product image, Instruction sheet, User guide, Product certifications, End of life manual

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Easy Harmony® XVG monolithic tower lights

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Harmony type XV

Monolithic tower lights



Type of products	Pre-assembled and pre-cabled USB tower lights	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 4 units
Diameter	Ø 60 mm/2.362 in.	Ø 60 mm/2.362 in.
Degree of protection conforming to IEC 60529	IP 54	IP 53 and IP 42 (base mounting) IP 23 (direct aluminium tube mounting, aluminium tube mounting and "L" bracket) IP 53 and IP 42 (aluminium tube mounting and fixing plate) IP 40 (aluminium tube mounting and foldable bracket)
Type of signalling	Steady Flashing High flashing Sound	Yes Yes - With buzzer (volume control and alarm type can be set with HMI)
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	- - Yes - -
Colors of illuminated units	Multicolor LEDs (many possible combinations can be set with HMI) <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue	<input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Blue
Connection	USB power cable: - 300 mm/11.81 in. for tube mounting - 400 mm/15.75 in. for direct mounting	Flying leads, length from approx. 500 to 1000 mm/19.68 to 39.37 in. according to model. Power cable is longer than signal cable for 220~240V model.
Support panel drilling or cut-out	Mounting on support tube with fixing plate: 4 x Ø 6 mm/0.236 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.197 in.	Base mounting: 3 x Ø 5 mm/0.197 in. Direct aluminium tube mounting: Ø20/0.787 in. Aluminium tube mounting and "L" bracket: 2 x Ø9/0.354 in. Aluminium tube mounting and fixing plate: 4 x Ø6/0.236 in. Aluminium tube mounting and foldable bracket: 4 x Ø6/0.236 in. 100mm/3.94 in. aluminium tube mounting and L bracket 100mm/3.94 in. aluminium tube mounting and foldable bracket
Type references	XVGU	XVG

[Click here for XVGU catalog](#)

[Click here for XVG catalog](#)

Monolithic tower lights



Type of products	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights	Pre-assembled and pre-cabled tower lights
Diameter	Ø 40 mm/1.575 in.	Ø 60 mm/2.36 in.	Ø 100 mm/3.937 in.
Degree of protection conforming to IEC 60529	IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation) IP 23 (vertical surface installation)	IP 54 (flat surface installation)
Type of signalling	Yes Yes - With buzzer	Yes Yes - With buzzer	Yes Yes - With siren or buzzer
Light sources	- - Yes - -	- - Yes - -	- - Yes - -
Colors of illuminated units	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue <input type="checkbox"/> Clear
Connection	Flying leads, length 450 mm/17.71 in. to 900 mm/35.43 in. according to model	Flying leads, length 450 mm/17.71 in. to 850 mm/33.46 in. according to model	Flying leads, length 500 mm/19.68 in.
Support panel drilling or cut-out	Mounting on support tube with bracket: 2 x Ø 9 mm/0.354 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.20 in. Other mounting possibilities with accessories	Mounting on support tube with bracket: 2 x Ø 11 mm/0.43 in. Direct mounting on horizontal support: 3 x Ø 5 mm/0.197 in. Other mounting possibilities with accessories	Direct mounting on horizontal support: - 3 x Ø 6 mm/0.236 in. (without siren) - 3 x Ø 7 mm/0.276 in. (with siren) Other mounting possibilities with accessories
Type references	XVC4	XVC6	XVC1

[Click here for XVC catalog](#)

Harmony type XV **Modular tower lights**



Type of products	Illuminated beacons Variable composition tower lights for customer assembly of up to 5 units	Tower lights for customer assembly of up to 5 units.
Diameter	Ø 70 mm/2.756 in.	Ø 60 mm/2.362 in.
Degree of protection conforming to IEC 60529	IP 65 (mounted on fixing base XVBZ0●) IP 66 (mounted on base unit)	IP 65 for illuminated units IP 54 for audible units IP 55 for flexible mounting unit
Type of signalling	Steady Flashing High flashing "Flash" Sound	Yes Yes Yes Yes Yes (buzzer or editable voice)
Light sources	Incandescent bulb LED bulb Integral LED "Flash" discharge tube Halogen bulb	Yes "PROTECTED LED" "PROTECTED LED" Yes -
Colors of illuminated units	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear <input type="checkbox"/> Yellow	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> White <input type="checkbox"/> Yellow
Connection	Screw clamp terminals	Spring cage connection terminals
Support panel drilling or cut-out	Mounting on support tube: 4 x Ø 5.5 mm/0.217 in. or M5 Vertical mounting: 3 x Ø 5 mm/0.197 in. or M5 Direct mounting: 2 x Ø 4.5 mm/0.177 in. or M4	Mounting on support tube and adjustable support tube: 4 x Ø 6 mm/0.236 in. Flexible wall mounting: 3 x Ø 5 mm/0.197 in. Direct mounting: 2 x Ø 5 mm/0.197 in. 3 x Ø 5 mm/0.197 in. 4 x Ø 5 mm/0.197 in. Mounting on bracket: 2 x Ø 9 mm/0.354 in.
Type references	XVBL, XVBC	XVU

[Click here for XVB catalog](#)

[Click here for XVU catalog](#)

Modular tower lights **Rotating beacons** **Beacons** **Sound solutions**



Type of products	Pre-assembled/pre-cabled tower lights Variable composition tower lights for customer assembly of up to 5 units	Pre-cabled rotating beacons Pre-cabled motor-less rotating/flashing beacons	Complete miniature beacons	Sirens and electronic alarms
Diameter	Ø 45 mm/1.772 in.	Ø 84 mm/3.31 in. to Ø 130 mm/5.12 in.	Ø 45 mm/1.772 in.	-
Degree of protection conforming to IEC 60529	IP 54 in vertical position (XVM with plastic fixing plate) IP 42 in horizontal position (XVM with metal bracket) IP 40 in other positions (all types of XVM tower lights)	Ø 84 mm/3.31 in. and Ø 106 mm/4.17 in.: IP 23 (IP 65 with accessory) Ø 120 mm/4.72 in.: IP 23 Ø 130 mm/5.12 in.: IP 66 and IP 67 (depending on voltage) Ø 100 mm/3.94 in.: IP 65 for upright position, IP 23 for sideways and inverted position	IP 40	IP 53 (sirens) IP 54 (electronic alarms) IP 65 (editable voice)
Type of signalling	Yes Yes - Yes Yes Yes Yes - Yes	Yes - - - Yes Yes "Super Bright" - - Yes	Yes - - Yes - - Yes	- - - - Yes (editable voice) - - -
Light sources	<input type="checkbox"/> Red <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear	<input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Blue	<input type="checkbox"/> Green <input type="checkbox"/> Red <input type="checkbox"/> Orange <input type="checkbox"/> Blue <input type="checkbox"/> Clear <input type="checkbox"/> Yellow	-
Connection	Flying leads, length 300 mm/11.81 in. or screw terminals	Flying leads, length 400 mm/15.75 in. (except XVR08: 500 mm/19.68 in.)	Screw clamp terminals	Screw clamp terminals (except XVS14: flying leads, length 500 mm/19.68 in.)
Support panel drilling or cut-out	Mounting on bracket: 2 x Ø 9 mm/0.354 in. Mounting on support tube: 4 x Ø 5.5 mm/0.217 in. or M5	Depending on model: - XVR08 (Ø 84 mm/3.31 in.): 3 x Ø 5 mm/0.197 in. - XVR10 (Ø 106 mm/4.17 in.): 3 x Ø 5 mm/0.197 in. - XVR12 (Ø 120 mm/4.72 in.): 3 x Ø 6 mm/0.236 in. - XVR13 (Ø 130 mm/5.12 in.): 3 x Ø 9 mm/0.354 in. - XVR13●●L (Ø 130 mm/5.12 in.): 3 x Ø 7 mm/0.276 in. - XVR3 (Ø 100 mm/3.94 in.): 3 x Ø 6 mm/0.236 in.	3 x Ø 3.3 mm/0.130 in. or M3	3 x Ø 6.5 mm/0.256 in.
Type references	XVM	XVR	XVDLS	XVS

[Click here for XVM catalog](#)

[Click here for XVR catalog](#)

[Click here for XVDLS catalog](#)

[Click here for XVS catalog](#)

Signaling solutions

Monolithic tower lights

Easy Harmony XVG Ø 60

Pre-assembled and pre-cabled tower lights



Easy Harmony XVG range of monolithic tower lights

Presentation

The monolithic tower lights in the Easy Harmony XVG range are designed for long distance indication of the operating status or sequences of a machine or installation, either visually by means of illuminated signaling units visible through 360°, or audibly by means of a buzzer.

- The range involves Ø 60 mm products and is therefore ideal for use in many activity sectors, including metal tools, plastic extrusion machines, SMT, textiles, packaging, baggage handling and assembly lines. This range is only for indoor applications.

- XVG tower lights are supplied:
 - with 1, 2, 3 or 4 illuminated signaling units, colored LEDs and clear lenses (1),
 - with or without a buzzer,
 - pre-assembled and pre-cabled,
 - with Steady and Flashing (single layer only),
 - fitted with one of the following mounting options:
 - base mounting (IP53 and IP42),
 - direct aluminium tube mounting (IP23),
 - aluminium tube mounting and "L" bracket (IP23),
 - aluminium tube mounting and fixing plate (IP 53 and IP42),
 - aluminium tube mounting and foldable bracket (IP40),
 - 100mm/3.94 in. aluminium tube mounting and "L" bracket (IP23),
 - 100mm/3.94 in. aluminium tube mounting and foldable bracket (IP40).

Illuminated signaling

The light source consists of colored LEDs completed with a clear lens to provide aesthetics look and reliable signaling (clear lenses help to avoid color reflectance in bright environments). When LEDs are not powered, the tower lights appear translucent. The colors are always placed in the standard industry order, from top to bottom.

Audible signaling

The tower light is supplied with or without an audible signaling unit (buzzer with continuous signal) depending on the required configuration. This audible unit is located in the base of the tower light.

Environment

The XVG tower lights are CE, CCC and EAC certified.

Cabling

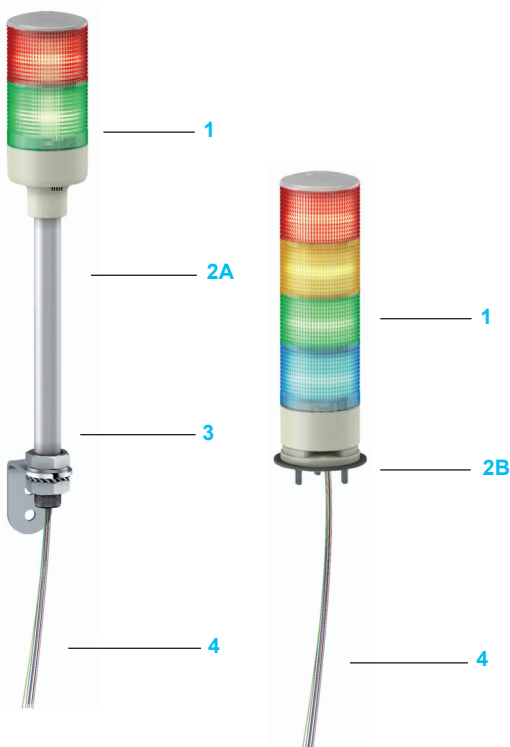
XVG tower lights supplied pre-assembled are equipped with wires marked with a label indicating the correct way to connect. Each level is marked by a different colored wire. For 220V~240V AC, connect signal wire to PNP open collector output. XVG tower lights that have been pre-assembled and pre-cabled at the factory cannot be modified because the wires are permanently connected (soldered).

Description

XVG monolithic tower lights are comprised of:

- 1 Two, three or four layer, colored illuminated signaling units (Red, Orange, Green or Blue) and single layer, colored illuminated signaling unit (Red only). Each XVG tower light is equipped with colored LEDs and a clear lens molded from a single piece of clear plastic. The colors are only visible when the LEDs are supplied (voltage: 24 V AC/DC or 220V~240V AC) (1).
- 2 A base mounted on the support tube 2A or a base fitted with 3 screws 2B for direct mounting on a horizontal surface (depending on the model).
- 3 An aluminium support tube completed with a fixing plate or a foldable bracket (for mounting on a horizontal support) or with an L-bracket (for mounting on a vertical support).
- 4 Marked wires, with projecting length of approximately 500 to 1000 mm/19.68 to 39.37 in. according to model. Power cable is longer than signal cable for 220~240V model.

(1) Tower lights on this page are shown with LEDs on.

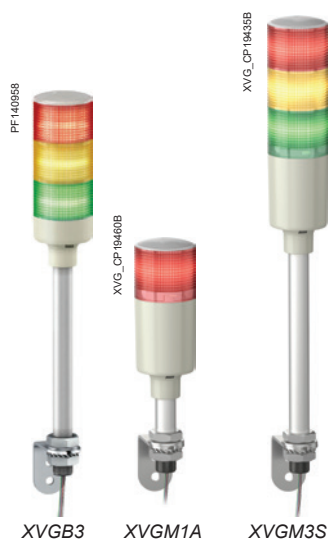
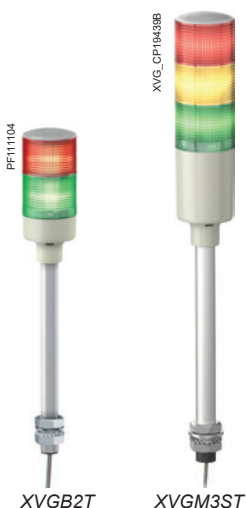
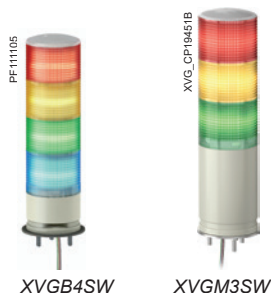


Signaling solutions

Monolithic tower lights

Easy Harmony XVG Ø 60

Pre-assembled and pre-cabled tower lights



Pre-assembled and pre-cabled tower lights, Ø 60 mm

Description	Light source (included)	Degree of protection	Supply voltage (V)	Signaling colors (1)	Reference	Weight kg/lb				
With base mounting										
Without buzzer	LED for steady light	IP53	~ 24	Red, Green	XVGB2W	0.200/0.440				
				Red, Orange, Green	XVGB3W	0.240/0.530				
				Red, Orange, Green, Blue	XVGB4W	0.280/0.617				
				~ 220...240	Red, Green	XVGM2W	0.250/0.551			
				Red, Orange, Green	XVGM3W	0.290/0.640				
				With buzzer	LED for steady light	IP42	~ 24	Red, Green	XVGB2SW	0.210/0.462
				Red, Orange, Green	XVGB3SW	0.250/0.551				
				Red, Orange, Green, Blue	XVGB4SW	0.290/0.640				
			~ 220...240	Red, Green	XVGM2SW	0.260/0.573				
				Red, Orange, Green	XVGM3SW	0.300/0.661				
With direct aluminium tube mounting										
Without buzzer	LED for steady light	IP23	~ 24	Red, Green	XVGB2T	0.350/0.771				
				Red, Orange, Green	XVGB3T	0.390/0.860				
				Red, Orange, Green, Blue	XVGB4T	0.430/0.948				
				~ 220...240	Red, Green	XVGM2T	0.400/0.881			
				Red, Orange, Green	XVGM3T	0.440/0.970				
				With buzzer	LED for steady light	IP23	~ 24	Red, Green	XVGB2ST	0.360/0.793
				Red, Orange, Green	XVGB3ST	0.400/0.881				
				Red, Orange, Green, Blue	XVGB4ST	0.440/0.970				
			~ 220...240	Red, Green	XVGM2ST	0.410/0.904				
				Red, Orange, Green	XVGM3ST	0.450/0.992				
With aluminium tube mounting and L-bracket										
Without buzzer	LED for steady light	IP23	~ 24	Red	XVGB1A (2)	0.330/0.727				
				Red, Green	XVGB2	0.420/0.925				
				Red, Orange, Green	XVGB3	0.460/1.014				
				Red, Orange, Green, Blue	XVGB4	0.500/1.102				
				~ 220...240	Red	XVGM1A (2)	0.380/0.837			
				Red, Green	XVGM2	0.470/1.036				
				Red, Orange, Green	XVGM3	0.510/1.129				
				With buzzer	LED for steady light	IP23	~ 24	Red	XVGB1SA (2)	0.340/0.750
								Red, Green	XVGB2S	0.430/0.948
								Red, Orange, Green	XVGB3S	
								Red, Orange, Green, Blue	XVGB4S	0.510/1.129
							~ 220...240	Red	XVGM1SA (2)	0.390/0.860
				Red, Green	XVGM2S	0.480/1.058				
				Red, Orange, Green	XVGM3S	0.520/1.146				
			~ 24	Red, Orange, Green	XVGB3S	0.470/1.036				
With buzzer	LED for flashing light	IP23	~ 24	Red	XVGB1SFA (2)	0.340/0.750				
				~ 220...240	Red	XVGM1SFA (2)	0.390/0.860			

(1) The colors are listed in the same order as the mounting order of the illuminated units (from top to bottom).

(2) Commercial references ending with "A" have shorter pole length.

Signaling solutions

Monolithic tower lights

Easy Harmony XVG Ø 60

Pre-assembled and pre-cabled tower lights



Pre-assembled and pre-cabled tower lights, Ø 60 mm										
Description	Light source (included)	Degree of protection	Supply voltage (V)	Signaling colors (1)	Reference	Weight kg/lb				
With aluminium tube mounting and fixing plate										
Without buzzer	LED for steady light	IP53	≈ 24	Red, Green	XVGB2H	0.330/0.727				
				Red, Orange, Green	XVGB3H	0.360/0.793				
				Red, Orange, Green, Blue	XVGB4H	0.400/0.881				
				~ 220...240 Red, Green	XVGM2H	0.370/0.815				
				~ 220...240 Red, Orange, Green	XVGM3H	0.410/0.904				
				With buzzer	LED for steady light	IP42	≈ 24	Red, Green	XVGB2SH	0.330/0.727
Red, Orange, Green	XVGB3SH	0.370/0.815								
Red, Orange, Green, Blue	XVGB4SH	0.410/0.904								
~ 220...240 Red, Green	XVGM2SH	0.380/0.837								
~ 220...240 Red, Orange, Green	XVGM3SH	0.420/0.925								
With aluminium tube mounting and foldable bracket										
Without buzzer	LED for steady light	IP40	≈ 24	Red	XVGB1MA (2)	0.270/0.595				
				Red, Green	XVGB2M	0.360/0.793				
				Red, Orange, Green	XVGB3M	0.400/0.881				
				Red, Orange, Green, Blue	XVGB4M	0.440/0.970				
				~ 220...240 Red	XVGM1MA (2)	0.320/0.705				
				~ 220...240 Red, Green	XVGM2M	0.410/0.904				
				~ 220...240 Red, Orange, Green	XVGM3M	0.450/0.992				
				With buzzer	LED for steady light	IP40	≈ 24	Red	XVGB1SMA (2)	0.280/0.617
								Red, Green	XVGB2SM	0.370/0.815
								Red, Orange, Green	XVGB3SM	0.410/0.904
								Red, Orange, Green, Blue	XVGB4SM	0.450/0.992
								~ 220...240 Red	XVGM1SMA (2)	0.330/0.727
~ 220...240 Red, Green	XVGM2SM	0.420/0.925								
With buzzer	LED for flashing light	IP40	≈ 24	Red	XVGB1SMFA (2)	0.280/0.617				
				~ 220...240 Red	XVGM1SMFA (2)	0.330/0.727				
				~ 220...240 Red, Orange, Green	XVGM3SM	0.460/1.014				

(1) The colors are listed in the same order as the mounting order of the illuminated units (from top to bottom).
 (2) Commercial references ending with "A" have shorter pole length.

Signaling solutions

Monolithic tower lights

Easy Harmony XVG Ø 60

Pre-assembled and pre-cabled tower lights

PF111108



XVGZ02

PF111143



XVMZ02W

Accessories

Description	For use with	Reference	Weight kg/lb
Folding mounting bracket for support tube mounting	XVGB●H, XVGB●SH, XVGB●M●, XVGB●SM●, XVGM●H, XVGM●SH, XVGM●M●, XVGM●SM●	XVGZ02	0.090/0.198
Wall mounting bracket	XVGB●T, XVGB●ST, XVGM●T, XVGM●ST	XVMZ02W	0.130/0.286

X		
	XVGZ02	9
	XVMZ02W	9
XVGB1A		7
XVGB1MA		8
XVGB1SA		7
XVGB1SFA		7
XVGB1SMA		8
XVGB1SMFA		8
XVGB2		7
XVGB2H		8
XVGB2M		8
XVGB2S		7
XVGB2SH		8
XVGB2SM		8
XVGB2ST		7
XVGB2SW		7
XVGB2T		7
XVGB2W		7
XVGB3		7
XVGB3H		8
XVGB3M		8
XVGB3S		7
XVGB3SH		8
XVGB3SM		8
XVGB3ST		7
XVGB3SW		7
XVGB3T		7
XVGB3W		7
XVGB4		7
XVGB4H		8
XVGB4M		8
XVGB4S		7
XVGB4SH		8
XVGB4SM		8
XVGB4ST		7
XVGB4SW		7
XVGB4T		7
XVGB4W		7
XVGM1A		7
XVGM1MA		8
XVGM1SA		7
XVGM1SFA		7
XVGM1SMA		8
XVGM1SMFA		8
XVGM2		7
XVGM2H		8
XVGM2M		8
XVGM2S		7
XVGM2SH		8
XVGM2SM		8
XVGM2ST		7
XVGM2SW		7
XVGM2T		7
XVGM2W		7
XVGM3		7
XVGM3H		8
XVGM3M		8
XVGM3S		7
XVGM3SH		8
XVGM3SM		8
XVGM3ST		7
XVGM3SW		7
XVGM3T		7
XVGM3W		7

Life Is On



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