




# Twilight switches / Photocells **klemko**<sup>®</sup>

## BUILD IN ELECTRONIC

Item no.	Klemko number	Specifications
 <p>IB-06-ZU with separate sensor</p>	<b>820005 IB-06-ZU</b> Due to the compact dimensions of the housing and the separate sensor, this twilight switch can be installed in practically any fitting. The use of a relay makes the switch suitable for any light source.	<b>240Vac</b>  Ohmic load : <b>6A (±1400W)</b> Induct. load : <b>2A (±400VA)</b> Ambient temp. : -30°C - +60°C Delay : 2 - 5 min. Lux value on/off : ± 10/80 Lux Dimensions LxWxH : 50x26x24 Sensor hole : 13.5mm Sensor cable L= : ±25cm (cable extension to > 100m is permitted) Standards : CE / EMC
	<b>820010 IB-06</b> <b>820030 IB-010</b> The sensor housing of the IB-06/010 build in twilight switch is totally watertight and using the rubber rings provided, can easily be installed in fittings or switch boxes.	<b>240 Vac</b> <b>240 Vac</b>  Ohmic load : <b>6A (±1400W)</b> Induct. load : <b>2 A (±400VA)</b> Ambient temp. : -30°C - +60°C Delay : 2 - 5 min. Lux value on/off with transp.nut : ± 30/120 Lux with transp.nut : ± 10/80 Lux Sensor housing : IP55/II Dimensions LxWxH : 50x26x24 Sensor hole : 16mm Standards : CE / EMC  <b>Deviating IB-010</b> Ohmic load : <b>10A (±2400W)</b> Induct. load : <b>4A (± 900VA)</b>
 <p>IB-06 with fixed sensor housing</p>  	<b>820020 IB-1206</b>	<b>120Vac</b>
	<b>Accessories IB-06 build in twilight switches / photocells</b>	
	<b>820002</b>	Cell holder IB-06 ZU
	<b>820100</b>	Transp. nut
	<b>820105</b>	Black nut
	<b>820110</b>	Ring 45°
	<b>820115</b>	Ring 90° d=3mm
<b>820120</b>	Ring 90° d=5mm	

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Item no.	Klemko number		Specifications
 <p>connector 830060</p>	<b>830040 IBE-12</b>	<b>240Vac</b>	<p>Very reliable, easy to install twilight switches. The separate sensor allows installation in practically all fittings. Klemko IBE build in twilight switches can be used for all light sources! 830060 sensor simple to remove via the connector.</p> <p>Ohmic load : <b>0.2 - 0.45A</b>                      Inductive v.s.a. : 7 - 36W                      Electronic v.s.a. : 7 - 27W                      Ambient temp. : -30°C - +50°C                      Sensor housing : IP54/II                      Dimensions LxWxH : 55x32x15                      Sensor hole : 12mm                      Standards : CE / TÜV</p> <p><b>Extra IBE-12/LI</b>                      Lux value adj. : 5 - 300 Lux                      Status indication : via LED</p>
	<b>830060 IBE-12/LI</b>	<b>240Vac</b>	
	<b>830080 IBE-15/LI</b>	<b>240Vac</b>	<p>Due to its high switching capacity, IBE-15 is ideal for use in heavier fittings such as industrial or facade lighting.</p> <p>Ohmic load : <b>4.2A</b>                      Inductive load : 200VA                      Ambient temp. : -30°C - +60°C                      Sensor housing : IP54/II                      Lux value adj. : 5 - 300 Lux                      Status indication : via LED                      Dimensions LxWxH : 59x40x23                      Sensor hole : 12mm                      Standards : CE / TÜV</p>
<p><b>type: "Euro" fitting</b></p>  <p>type:840052</p>	<b>840050 Euro-print-CDS</b>	<b>240Vac</b>	<p>PCB intended for installation purposes e.g. in switch boxes. The LDF is mounted on the circuit board.</p> <p>Ohmic cap. : <b>16A(3800W)</b>                      Inductive cap. : <b>9.9A(2300VA)</b>                      Lux setting 240Vac : 0 - 2500 Lux                      Lux setting &lt;240 V : 0 - 300 Lux                      Delay : 2 - 4 min.                      Ambient temp. : -20°C - +50°C                      Protection : IP54 / II                      On/off indication : via LED                      Dimensions LxW : 65x53mm                      Standards : CE / EMC</p>
	<b>840052 Euro-print-CONN</b>	<b>240Vac</b>	
<p><b>type: "Platine" fitting</b></p>  <p>type:840060</p>	<b>840060 PlatineSchr.-CONN</b>	<b>240Vac</b>	<p>PCB is fitted with a screw connector for installation with sensor set 840057</p> <p>Ohmic cap. : <b>6A</b>                      Inductive cap. : <b>6A</b>                      Lux setting : 0 - 750 Lux                      Delay : 2 - 4 min.                      Ambient temp. : -20°C - +50°C                      Dimensions LxW : 50x30mm                      Standards : KEMA test</p>
	<b>840062 Platine-Steek-CONN</b>	<b>240Vac</b>	
<p><b>Sensor sets for type "Euro" &amp; "Platine"</b></p> 	<p><b>Sensor sets for type "Euro" &amp; "Platine"</b></p> <p><b>840054 Sensor set 30cm</b></p> <p><b>840055 Sensor set 50cm</b></p> <p><b>840056 Sensor set 100cm</b></p> <p><b>840057 Sensor set 30cm/gph</b></p>		

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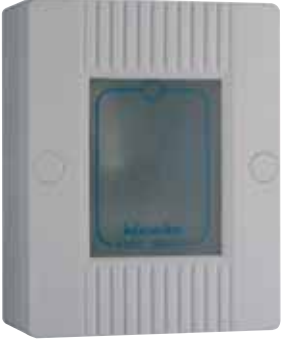

## SURFACE-MOUNT ELECTRONIC

Item no.	Klemko number	Specifications																								
 <p data-bbox="193 831 304 965">Lux value setting</p>	<p data-bbox="518 324 767 353"><b>840005 Lightguard</b></p> <p data-bbox="627 367 963 674">Solid surface-twilight switch for universal applications. Simple to install and connect. <b>Lux value setting can be adjusted simply and precisely from the outside with feedback to LED.</b> The connection block is fitted with a double neutral. The housing is also fitted with extra break-out ports on the inside for cabling directly from the wall. The cover is fitted with captive stainless steel screws.</p>	<p data-bbox="976 324 1070 353"><b>240Vac</b></p> <table data-bbox="1091 367 1477 674"> <tr><td>Ohmic cap.</td><td>: 10A (2400W)</td></tr> <tr><td>Inductive cap.</td><td>: 5A (1200VA)</td></tr> <tr><td>Fluorescent lamp</td><td>: 100VA 10µF</td></tr> <tr><td>Parallel comp.HF</td><td>: 120VA</td></tr> <tr><td>PL lamps</td><td>: 300VA</td></tr> <tr><td>Lux value adj.</td><td>: 5 - 10,000 Lux</td></tr> <tr><td>Delay</td><td>: ± 60 sec</td></tr> <tr><td>Ambient temp.</td><td>: -20°C - +50°C</td></tr> <tr><td>Protection</td><td>: IP55 / II</td></tr> <tr><td>On/off indication</td><td>: via LED</td></tr> <tr><td>Dimensions LxWxH</td><td>: 95x74x45mm</td></tr> <tr><td>Standards</td><td>: CE / TÜV</td></tr> </table>	Ohmic cap.	: 10A (2400W)	Inductive cap.	: 5A (1200VA)	Fluorescent lamp	: 100VA 10µF	Parallel comp.HF	: 120VA	PL lamps	: 300VA	Lux value adj.	: 5 - 10,000 Lux	Delay	: ± 60 sec	Ambient temp.	: -20°C - +50°C	Protection	: IP55 / II	On/off indication	: via LED	Dimensions LxWxH	: 95x74x45mm	Standards	: CE / TÜV
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	<p data-bbox="518 1019 863 1048"><b>840007 Lightguard/KL(ok)</b></p> <p data-bbox="627 1061 963 1256">A twilight switch fitted with an easy-to-program clock. In this way you can set the on/off period of the lighting as required, also with the option of interrupting the connection period for short or longer times. Clear instructions are provided!</p> <p data-bbox="627 1270 963 1339"><b>Clock function:</b> 5 programs can be freely set for a total of 23 hours 45 minutes with LED display.</p>	<p data-bbox="976 1019 1070 1048"><b>240Vac</b></p> <table data-bbox="1091 1061 1485 1435"> <tr><td>Ohmic cap.</td><td>: 10A (2400W)</td></tr> <tr><td>Inductive cap.</td><td>: 5A (1200VA)</td></tr> <tr><td>Fluorescent lamp</td><td>: 100VA 10µF</td></tr> <tr><td>Parallel comp.HF</td><td>: 120VA</td></tr> <tr><td>PL lamps</td><td>: 300VA</td></tr> <tr><td>Switch status</td><td>: via LED</td></tr> <tr><td>Lux value adj.</td><td>: 5 - 300 Lux</td></tr> <tr><td>Switch delay</td><td>: ± 60 sec</td></tr> <tr><td>Working temperature</td><td>: -25°C - +50°C</td></tr> <tr><td>Protection</td><td>: IP 54/ II</td></tr> <tr><td>Standards</td><td>: CE / TÜV</td></tr> <tr><td>Battery</td><td>: lithium 3 Vdc 200mAH Type: CR2032 (Duracell)</td></tr> </table>	Ohmic cap.	: 10A (2400W)	Inductive cap.	: 5A (1200VA)	Fluorescent lamp	: 100VA 10µF	Parallel comp.HF	: 120VA	PL lamps	: 300VA	Switch status	: via LED	Lux value adj.	: 5 - 300 Lux	Switch delay	: ± 60 sec	Working temperature	: -25°C - +50°C	Protection	: IP 54/ II	Standards	: CE / TÜV	Battery	: lithium 3 Vdc 200mAH Type: CR2032 (Duracell)
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	<p data-bbox="518 1624 879 1653"><b>840008 Lightguard/KL-PVK</b></p> <p data-bbox="627 1666 963 1883">Lightguard/KL-PVK is a unique twilight switch with a “<b>Potential-free contact</b>”. After connecting to 240Vac, you can connect any suitable voltage with this free contact, even low voltages such as 12 or 24Vac/dc. Further specifications and features correspond to type <b>840007</b>.</p>	<p data-bbox="976 1624 1070 1653"><b>240Vac</b></p> <p data-bbox="1091 1666 1382 1695">Specifications as type:840007</p> <p data-bbox="1091 1718 1501 1839"><b>Extra:</b> <b>Potential-free contact</b> <b>Capacity, Ohm &amp; induct., when switching any alternating voltage as stated for type 840007</b></p> <p data-bbox="1091 1868 1334 1897"><b>Capacity 12/24 Vdc: 5A</b></p>																								

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## SURFACE-MOUNT ELECTRONIC

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Item no.	Klemko number		Specifications
	<b>840010 Euroswitch</b>	<b>240Vac</b>	Ohmic cap. : <b>16A (3800W)</b> Inductive cap. : <b>9.9A (2300VA)</b> Lux setting 240Vac : 0 - 2500 Lux Lux setting <240 V : 0 - 300 Lux Delay : 2 - 4 min. Ambient temp. : -20°C - +50°C Protection : IP54 / II On/off indication : via LED Dimensions LxWxH : 101x80x43 Standards : CE / EMC
	<b>840012 Euroswitch</b>	<b>12Vdc</b>	
	<b>840013 Euroswitch</b>	<b>12Vac</b>	
	<b>840015 Euroswitch</b>	<b>24Vdc</b>	
	<b>840016 Euroswitch</b>	<b>24Vac</b>	
	<b>840020 Euroswitch</b>	<b>110Vac</b>	
	<b>840030 Euroswitch</b>	<b>130Vac</b>	
		Other voltages on request!	
	<b>810010 899203</b>	<b>240Vac</b>	Ohmic capacity : <b>6A (1400W)</b> Inductive cap. : ± 450VA Delay : 2 - 5 min. Protection : IP54 / II Standards : CE / EMC