

# Light



## ■ TIGHT JUNCTION BOXES



LIGHT Series tight derivation boxes are sealable and made from halogen free long lasting plastic material.

Include 25 and 40 mm conical cable glands on the EV versions, premoulded entries on the EX versions and plain sides on the EL references. 1/4 turn unloosable and sealable screws are incorporated for fixing the lids to the bases.

The motor protection boxes have inside space for larger size mechanism's installation, and they are available with transparent and opaque lids.


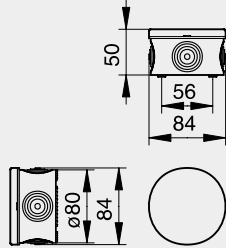
All enclosures are adapted to the metric system and include supports for installation of DIN rail and mounting plates on the base.


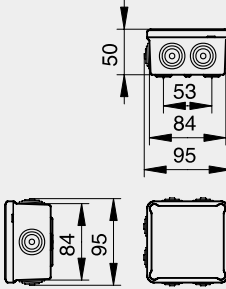
## TECHNICAL DATA


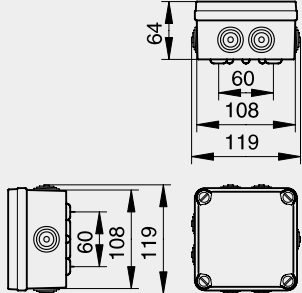
■ degree of protection	IP65 / IP67*
■ resistance to impact	IK07
■ auto-extinguishing degree	HB (UL94)
■ test of resistance to glow wire	650° C
■ ball pressure test	70° C

According to 2006/95/CE directive; IEC 60998-2-5.


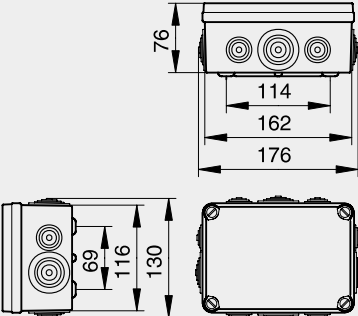
\* Except EP048, EP088 and EX088 (IP54)


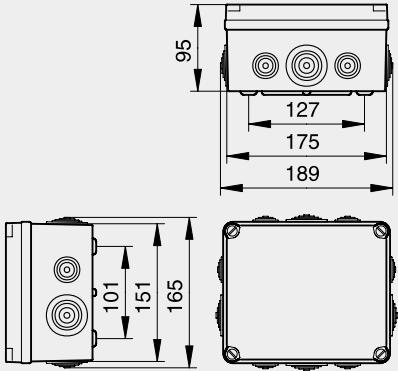
	<b>Commercial Ref.</b> <b>EP048</b> <i>With conical cable-glands</i>	
	<b>EP048/LH</b> <i>With free halogen conical</i>	
<b>IP54</b>	TYPE: 55DS048  Cable entries: 4xM25	


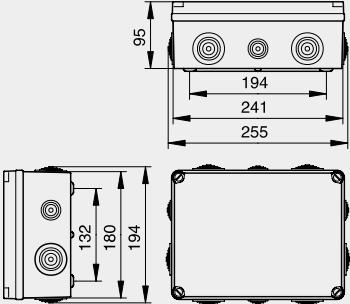
	<b>Commercial Ref.</b> <b>EP088</b> <i>With conical cable-glands</i>	
	<b>EP088/LH</b> <i>With free halogen conical</i>	
<b>IP54</b>	<b>EX088</b> <i>With pre moulded cable-entries</i>  TYPE: 55DS088  Cable entries: 7xM25	


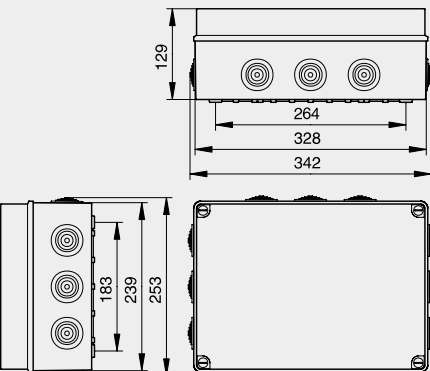
	<b>Commercial Ref.</b> <b>EV111</b> <i>With conical cable-glands</i>	
	<b>EV111/LH</b> <i>With free halogen conical</i>	
<b>IP65-IP67</b>	<b>EX111</b> <i>With pre moulded cable-entries - * IP55</i>  <b>EL111</b> <i>Plain sides - * IP55</i>  TYPE: 55DS111  Cable entries: 7xM25	



	<b>Commercial Ref.</b> <b>EV161</b> <i>With conical cable-glands</i>	
	<b>EV161/LH</b> <i>With free halogen conical</i>	
<b>IP65-IP67</b>	<b>EX161</b> <i>With pre moulded cable-entries</i>  <b>EL161</b> <i>Plain sides</i>  TYPE: 55DS161  Cable entries: 6xM25 - 4xM25/40	

	<b>Commercial Ref.</b>		
	<b>EV171</b> <i>With conical cable-glands, opaque lid</i>		
	<b>EV171/LH</b> <i>With free halogen conical, opaque lid</i>		
	<b>EX171</b> <i>With premoulded cable-entries, opaque lid</i>		
	<b>EL171</b> <i>Plain sides, opaque lid</i>		
	<b>EVT171</b> <i>With conical cable-glands, transparent lid</i>		
	<b>EXT171</b> <i>With premoulded cable-entries, transparent lid</i>		
	<b>ELT171</b> <i>Plain sides, transparent lid</i>		
	<b>IP65-IP67</b>		TYPE: 55DS171
			Cable entries: 6xM25 - 4xM25/40

	<b>Commercial Ref.</b>		
	<b>EV231</b> <i>With conical cable-glands, opaque lid</i>		
	<b>EV231/LH</b> <i>With free halogen conical, opaque lid</i>		
	<b>EX231</b> <i>With premoulded cable-entries, opaque lid</i>		
	<b>EL231</b> <i>Plain sides, opaque lid</i>		
	<b>EVT231</b> <i>With conical cable-glands, transparent lid</i>		
	<b>EXT231</b> <i>With premoulded cable-entries, transparent lid</i>		
	<b>ELT231</b> <i>Plain sides, transparent lid</i>		
	<b>IP65-IP67</b>		TYPE: 55DS231
			Cable entries: 4xM25 - 6xM25/40

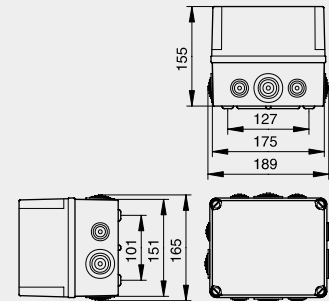
	<b>Commercial Ref.</b>		
	<b>EV322</b> <i>With conical cable-glands, opaque lid</i>		
	<b>EV322/LH</b> <i>With free halogen conical, opaque lid</i>		
	<b>EX322</b> <i>With premoulded cable-entries, opaque lid</i>		
	<b>EL322</b> <i>Plain sides, opaque lid</i>		
	<b>EVT322</b> <i>With conical cable-glands, transparent lid</i>		
	<b>EXT322</b> <i>With premoulded cable-entries, transparent lid</i>		
	<b>ELT322</b> <i>Plain sides, transparent lid</i>		
	<b>IP65-IP67</b>		TYPE: 55DS322
			Cable entries: 12xM25/40



IP65-IP67

**Commercial Ref.****GSV171***With conical cable-glands, opaque lid***GSX171***With premoulded cable-entries, opaque lid***GSL171***Plain sides, opaque lid***GSVT171***With conical cable-glands, transparent lid***GSXT171***With premoulded cable-entries, transparent lid***GSLT171***Plain sides, transparent lid*

TYPE: 55GS171



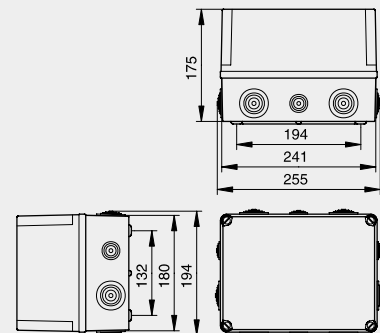
Cable entries: 6xM25 - 4xM25/40



IP65-IP67

**Commercial Ref.****GSV231***With conical cable-glands, opaque lid***GSX231***With premoulded cable-entries, opaque lid***GSL231***Plain sides, opaque lid***GSVT231***With conical cable-glands, transparent lid***GSXT231***With premoulded cable-entries, transparent lid***GSLT231***Plain sides, transparent lid*

TYPE: 55GS231



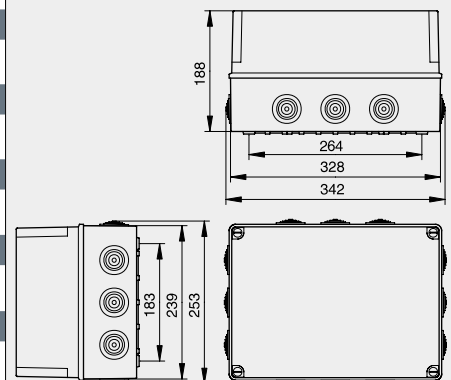
Cable entries: 4xM25 - 6xM25/40



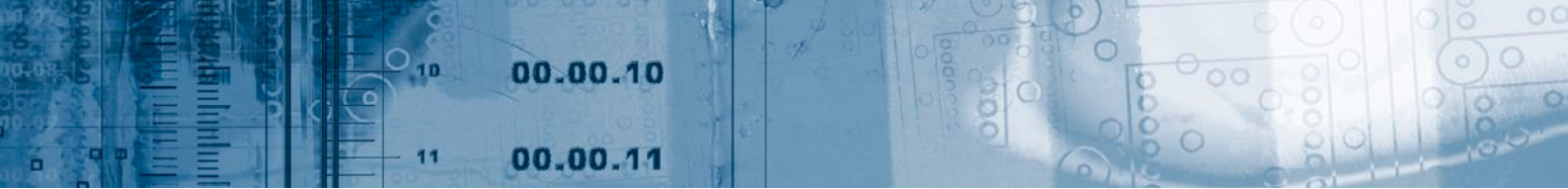
IP65-IP67


**Commercial Ref.****GSV322***With conical cable-glands, opaque lid***GSX322***With premoulded cable-entries, opaque lid***GSL322***Plain sides, opaque lid***GSVT322***With conical cable-glands, transparent lid***GSXT322***With premoulded cable-entries, transparent lid***GSLT322***Plain sides, transparent lid*

TYPE: 55GS322



Cable entries: 12xM25/40






**Commercial Ref.**  
**40892**  
*Tight box with premoulded cable-entries*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EX111 tight junction box			
1	IP44 schuko type socket	2P+E	16	220

*Dimensions: 108x108x64 mm*




**Commercial Ref.**  
**41045**  
*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL161 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
1	IP44 schuko type socket	2P+E	16	220

*Dimensions: 162x116x76 mm*




**Commercial Ref.**  
**41948**  
*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL161 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
1	IP44 schuko type socket	2P+E	16	220

*Dimensions: 162x116x76 mm*




**Commercial Ref.**  
**41493**  
*Tight box with plain sides*

**Componentes**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL161 tight junction box			
2	IP44 schuko type socket	2P+E	16	220

*Dimensions: 162x116x76 mm*




**Commercial Ref.**  
**40936**  
*Tight box with plain sides*


**Components**


U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL171 tight junction box			
1	IP44 panel mounting sloping sockets	3P+E	16	380
2	IP44 schuko type socket	2P+E	16	220


*Dimensions: 175x151x95 mm*


# LIGHT combination units

 <p>Dimensions: 241x180x95 mm</p>	<b>Commercial Ref.</b>			
	<b>43377</b>			
	<i>Tight box with plain sides</i>			
	<b>Components</b>			
<b>U.</b>	<b>Description</b>	<b>Poles</b>	<b>In.(A)</b>	<b>Voltage (V)</b>
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
2	IP44 schuko type socket	2P+E	16	220

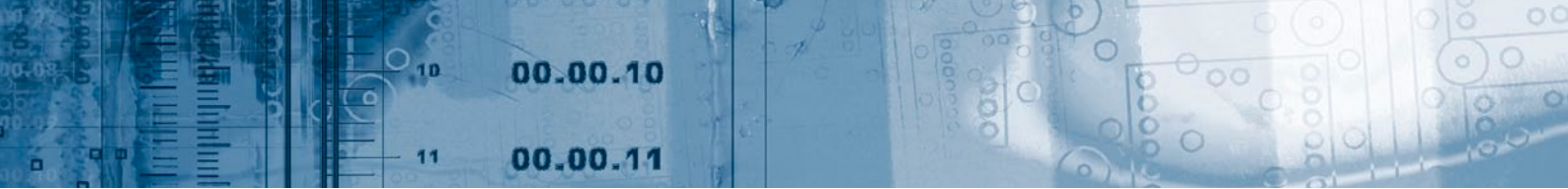
 <p>Dimensions: 241x180x95 mm</p>	<b>Commercial Ref.</b>			
	<b>43371</b>			
	<i>Tight box with plain sides</i>			
	<b>Components</b>			
<b>U.</b>	<b>Description</b>	<b>Poles</b>	<b>In.(A)</b>	<b>Voltage (V)</b>
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
2	IP44 schuko type socket	2P+E	16	220


 <p>Dimensions: 241x180x95 mm</p>	<b>Commercial Ref.</b>			
	<b>42054</b>			
	<i>Caja estanca con laterales lisos</i>			
	<b>Components</b>			
<b>U.</b>	<b>Description</b>	<b>Poles</b>	<b>In.(A)</b>	<b>Voltage (V)</b>
1	IP65-IP67 EL231 tight junction box			
2	IP44 panel mounting sloping sockets	3P+N+E	16	380
2	IP44 schuko type socket	2P+E	16	220

 <p>Dimensions: 180x241x95 mm</p>	<b>Commercial Ref.</b>			
	<b>43322</b>			
	<i>Tight box with plain sides</i>			
	<b>Components</b>			
<b>U.</b>	<b>Description</b>	<b>Poles</b>	<b>In.(A)</b>	<b>Voltage (V)</b>
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	16	380
3	IP44 schuko type socket	2P+E	16	220

 <p>Dimensions: 241x180x95 mm</p>	<b>Commercial Ref.</b>			
	<b>42209</b>			
	<i>Tight box with premoulded cable-entries</i>			
	<b>Components</b>			
<b>U.</b>	<b>Description</b>	<b>Poles</b>	<b>In.(A)</b>	<b>Voltage (V)</b>
1	IP65-IP67 EX231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+E	16	380
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
3	IP44 schuko type socket	2P+E	16	220

OTHER COMBINATIONS AVAILABLE UNDER REQUEST





**Commercial Ref.**


**40427**

*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL171 tight junction box			
4	IP44 schuko type socket	2P+E	16	220

*Dimensions: 175x151x95 mm*



**Commercial Ref.**


**42129**

*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
1	IP44 panel mounting sloping sockets	3P+E	16	380
4	IP44 schuko type socket	2P+E	16	220

*Dimensions: 241x180x95 mm*



**Commercial Ref.**

**43369**

*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL322 tight junction box			
2	IP44 panel mounting sloping sockets	3P+N+E	32	380
4	IP44 schuko type socket	2P+E	16	220

*Dimensions: 328x239x129 mm*



**Commercial Ref.**


**41177**

*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL231 tight junction box			
6	IP44 schuko type socket	2P+E	16	220

*Dimensions: 241x180x95 mm*



**Commercial Ref.**

**43041**

*Tight box with plain sides*

**Components**

U.	Description	Poles	In.(A)	Voltage (V)
1	IP65-IP67 EL322 tight junction box			
1	IP44 panel mounting sloping sockets	3P+N+E	32	380
6	IP44 schuko type socket	2P+E	16	220

*Dimensions: 328x239x129 mm*

# Light ACCESSORIES

Plastic and metallic mounting plates



Possibility of internal mounting of connection terminals

Motor protection boxes allow installation of large elements as transformers or industrial switches



Different mounting compositions under request



Conical cable glands made of halogen free material (optional)

## ACCESSORIES

■ Conical cable glands Ø25 (50 units)	77952
■ Conical cable glands Ø40 (50 units)	77962
■ Metallic plate for Ref. 171	92123
■ Metallic plate for Ref. 231	92125
■ Inferior metallic plate for Ref. 322	92127
■ Superior metallic plate for Ref.322	92129
■ Polyester plate for Ref. 111	92119
■ Polyester plate for Ref. 161	92121
■ Polyester plate for Ref. 171	92122
■ Polyester plate for Ref. 231	92124
■ Inferior polyester plate for Ref. 322	92126
■ Superior polyester plate for Ref. 322	92128
■ 3,9 x 9,5 screw for polyester plates	92609