



# JUNCTION BOXES

HOUSINGS FOR ENVIRONMENTAL PROTECTION

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**JUNCTION BOXES (WITH SMOOTH WALLS)**


Junction Boxes are made of halogen-free ABS, which has high resistance to chemicals and atmospheric agents. By virtue of the design they offer IP 65 protection with the help of silicon rubber gasket in EPDM. They are available with plain walls, knockouts, nipples and membrane. Junction-Boxes are offered with press-on lids, screw lids and hinged lids. Stainless steel screws are also available on request for lid fastening. Choice of grey colour lid or transparent lid is also available on request.

Technical Details :	
Material	ABS
Colour	Grey
Screw	Zinc Plated and Chromate passivated
Gasket	Silicon Rubber EPDM
Lid	Grey Colour / Transparent
Standard	IEC 670, CEI 23-48
Protection Class	IP 65
Approvals	CE

#### Grey Screwed Lid

Cat. No.	Internal Dimension (mm) L x W x H
M003.PL *	80 x 80 x 40
M005.PL	100 x 100 x 50
M006.PL	100 x 100 x 70
M007.PL	120 x 75 x 50
M007.XPL	110 x 80 x 60
M008.PL	150 x 110 x 70
M009.PL	190 x 145 x 70
M010.PL	240 x 190 x 90
M011.PL	240 x 190 x 110
M011.XPL	240 x 180 x 100
M012.PL	310 x 230 x 115

#### Grey Hinged Lid

Cat. No.	Internal Dimension (mm) L x W x H
M009.A.PL	190 x 140 x 75
M010.A.PL	240 x 190 x 90
M012.A.PL	300 x 220 x 120
M014.A.PL	380 x 300 x 120
M015.A.PL	460 x 380 x 120

#### Grey High Top Lid

Cat. No.	Internal Dimension (mm) L x W x H
M008.CA.G	150 x 110 x 135
M009.CA.G	190 x 145 x 135
M010.CA.G	240 x 190 x 155
M011.CA.G	240 x 190 x 170
M012.CA.G	310 x 230 x 160
M014.CA.G	380 x 300 x 180
M015.CA.G	460 x 380 x 180

#### Transparent Screwed Lid

Cat. No.	Internal Dimension (mm) L x W x H
M008.PK	150 x 110 x 70
M009.PK	190 x 145 x 70
M010.PK	240 x 190 x 90
M011.PK	240 x 190 x 110
M011.XPK	240 x 180 x 105
M012.PK	310 x 230 x 115

#### Transparent Hinged Lid

Cat. No.	Internal Dimension (mm) L x W x H
M009.A.PK	190 x 140 x 75
M010.A.PK	240 x 190 x 90
M012.A.PK	300 x 220 x 120
M014.A.PK	380 x 300 x 120
M015.A.PK	460 x 380 x 120

#### Transparent High Top Lid

Cat. No.	Internal Dimension (mm) L x W x H
M008.CA.K	150 x 110 x 135
M009.CA.K	190 x 145 x 135
M010.CA.K	240 x 190 x 155
M011.CA.K	240 x 190 x 170
M012.CA.K	310 x 230 x 160
M014.CA.K	380 x 300 x 180
M015.CA.K	460 x 380 x 180

\* Press-on Lid with IP 44 protection



Specially designed and moulded Membranes in these Junction Boxes, act as a Cable Glands offering IP 65 protection. After piercing the membrane with a sharp instrument, the cable / flexible conduit has to be inserted and slightly pulled out (withdrawn) to achieve a tight wrap around the cable / conduit resulting in positive clamping. Junction Boxes are also available with specially designed Nipples which act as Cable Glands offering IP65 protection.

Technical Details :	
Material	ABS
Colour	Grey
Screw	Zinc Plated and Chromate Passivated
Gasket	Silicon Rubber EPDM
Lid	Grey Colour / Transparent
Standard	IEC 670, CEI 23-48
Protection Class	IP 65
Approvals	CE

### JUNCTION BOXES (WITH MEMBRANES & NIPPLES)



#### Junction Boxes with Membrane - Grey Screwed Lid

Cat. No.	Internal Dimension (mm) L x W x H	No. of Membranes
M003CS*	80 x 80 x 40	6 + 2
M005CV	100 x 100 x 50	10 + 2
M008PG	150 x 110 x 70	10
M009PG	190 x 145 x 70	10
M010PG	240 x 190 x 90	12
M011PG	240 x 190 x 110	12

\* Press-on Lid with IP 44 protection

#### Junction Boxes with Nipples - Grey Screwed Lid

Cat. No.	Internal Dimension (mm) L x W x H	No. of Nipples
M003 *	80 x 80 x 45	6
M005	100 x 100 x 50	6
M006	100 x 100 x 70	6
M007	120 x 75 x 50	6
M008	150 x 110 x 70	10
M009	190 x 145 x 70	10
M010	240 x 190 x 90	12
M011	240 x 190 x 110	12
M012	310 x 230 x 115	12

\* Press-on Lid with IP 44 protection

#### Junction Boxes with Nipples - Grey Hinged Lid

Cat. No.	Internal Dimension (mm) L x W x H	No. of Nipples
M009.A	190 x 140 x 75	10
M010.A	240 x 190 x 90	12
M012.A	300 x 220 x 120	12
M014.A	380 x 300 x 120	12
M015.A	460 x 380 x 120	14



JUNCTION BOXES (WITH KNOCKOUTS)



Junction Boxes with knockouts are made of halogen-free ABS, which has high resistance to chemicals and atmospheric agents. These knockouts can be easily cut out in a wide range of diameters allowing for a selection of cable gland size as per cable diameter. By virtue of the design they offer IP 65 protection with the help of silicon rubber gasket in EPDM. They are available with plain walls, nipples and membrane. Junction-Box are offered with press-on lids, screw lids and hinged lids. Stainless steel screws are also available on request for lid fastening. Choice of grey colour lid or transparent lid is also available on request.

Technical Details :	
Material	ABS
Colour	Grey
Screw	Zinc Plated and Chromate passivated
Gasket	Silicon Rubber EPDM
Lid	Grey Colour / Transparent
Standard	IEC 670, CEI 23-48
Protection Class	IP 65
Approvals	CE

#### Grey Screwed Lid / High Top Lid

Cat. No.	Internal Dimension (mm) L x W x H	No. of Knockouts
T2046	75 x 75 x 50	8
T2056	85 x 85 x 50	8
T2066	100 x 100 x 60	8
T2166	95 x 85 x 60	2
T2136	110 x 110 x 70	8
T2146	180 x 110 x 70	10
T2176	220 x 130 x 95	10
T2186	220 x 130 x 140	10
T2156	280 x 210 x 90	12
T2206	300 x 220 x 100	12
T2226	300 x 220 x 140	12
T2256	360 x 250 x 150	-

#### Trasparent Screwed Lid / High Top Lid

Cat. No.	Internal Dimension (mm) L x W x H	No. of Knockouts
T2141	180 x 110 x 70	10
T2171	220 x 130 x 95	10
T2181	220 x 130 x 140	10
T2151	280 x 210 x 90	12
T2201	300 x 220 x 100	12
T2221	300 x 220 x 140	12
T2266	360 x 250 x 150	-