



BARTEC offers a junction box to facilitate the use of ComEx^{flex} in a control console or a control panel. The junction box features a cable gland and can be combined with various function modules. The junction box allows the connection of a conductor, which can be assembled either to order or by the customer.

ComEx^{flex} junction boxes with function modules



ComEx^{flex} junction boxes
in conjunction with ComEx^{flex} function modules

Explosion protection

Marking ATEX	⊕ II 2G Ex db eb IIC T6 Gb
	⊕ II 2G Ex db eb ia IIC T6 Gb
	⊕ II 2D Ex tb IIC T80 °C Db
	⊕ II 2D Ex tb ia IIC T80 °C Db

Certification	CML 17 ATEX 1117 X
---------------	--------------------

Marking IECEX	Ex db eb IIC T6 Gb
	Ex db eb ia IIC T6 Gb
	Ex tb IIC T80 °C Db
	Ex tb ia IIC T80 °C Db

Certification	IECEX CML 17.0055X
---------------	--------------------

Other approvals and certificates, see www.bartec.de

Ambient temperature	55 °C to +40 °C / +50 °C / +60 °C
---------------------	-----------------------------------

Approved for Zone	1/21 and 2/22
-------------------	---------------

Technical data

Protection class	Function module with junction box and actuating element min. IP 66		
Weight	approx. 40 g		
Clamping range	4 to 9 mm		
	5 to 10 mm		
Enclosure material/ manufacturing process	Thermoplastic/injection moulding		
Sheathed leads available on request	BETAflam 145-flex UL		
	ULstyle 4486		
	Switch module	4 x 1.5 mm ²	BK, BU, BN, GY
	Lamp Module	2 x 0.75 mm ²	BU, BN
	Illuminated button	4 x 0.75 mm ²	BK, BU, BN, GY
	Potentiometer	3 x 0.75 mm ²	BK, BN, GY

Ordering information

Version	Order no.
Junction box	05-0042-0050

Technical data subject to change without notice.

Dimensions

