

Application

The conductor bushing are used to provide the wire connection between flameproof enclosures and increased safety enclosures.

Specification

Body : Brass
(optional nickel-plated brass)
Seal : Polyurethane cast resin

Electrical Rating

Voltage : up to 750V.
Ampere : up to 200A.
Conductor : 1.5mm.² up to 70mm.²
Strand copper wire (H07V2-K)
Conductor length: 500/500mm. (Ex db/ Ex eb)

Technical Data

Hazardous Area	Gas	Dust
Zones	1 & 2	21 & 22
Equipment Group/Category	⊕ II 2G	⊕ II 2D
Symbol of Protection	Ex db eb IIC Gb	Ex tb IIIC Db
Certificate No.	KDB 23 ATEX 0019U IECEX KDB 23.0004U	
T Rating	Temperature class of enclosure to which will be connected.	
Conformity to Standards	EN IEC 60079-0:2018, EN 60079-1:2014, EN 60079-7:2010, EN 60079-31:2014 IEC 60079-0:2017, IEC 60079-1:2014, IEC 60079-7:2015, IEC 60079-31:2013	
Ambeint Temperature	-40°C to +105°C	
Index of Protection	IP66	

Catalogue Number Logic

Series	Number of Core		Conductor Size		Threads		Option				
01	1 core	06	6 cores	1X	1.5mm. ²	16	16.0mm. ²	M0	M16x1.5	NI	Nickel-plated
03	3 cores	10	10 cores	2X	2.5mm. ²	25	25.0mm. ²	M1	M20x1.5		
04	4 cores	12	12 cores	4X	4.0mm. ²	35	35.0mm. ²	M1A	M22x1.5		
05	5 cores	22	22 cores	6X	6.0mm. ²	50	50.0mm. ²	M2	M25x1.5		
				10	10.0mm. ²	70	70.0mm. ²	M3	M32x1.5		
								M4	M40x1.5		
								M5	M50x1.5		



Cable Fitting: Conductor Bushing, DCB Series

Flameproof/ Increased Safety and Dust protection by enclosure

Zone 1 & 2 – 21 & 22



Ordering Requirements

Figure-1

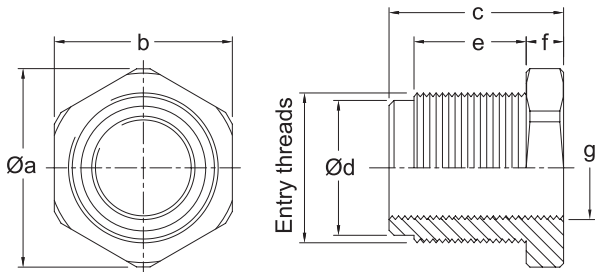
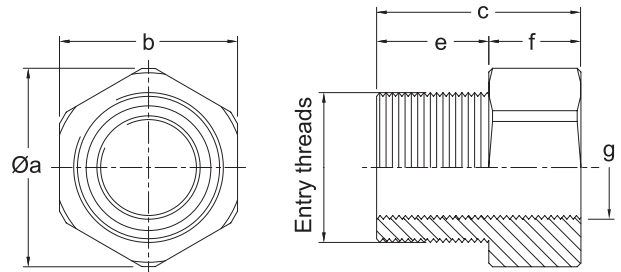


Figure-2



Cat. No.	Conductor Size (mm. ²)	Rated Operational Current at 40°C (A.)	Rated Operational Voltage (V.)	Conductor Quantity (core)	Entry Threads (Metric)	Dimension in mm.							Fig.
						Øa	b	c	Ød	e	f	g	
DCB 04 1X -M0 -□	1.5mm. ²	16A.	450/750V.	4 cores	M16x1.5	24.5	22.0	25.0	14.0	15.0	5.0	M10x1.5	Fig-1
DCB 04 1X -M1 -□				4 cores	M20x1.5	26.5	24.0	25.0	18.0	15.0	5.0	M14x1.5	Fig-1
DCB 04 1X -M1A -□				4 cores	M22x1.5	26.5	24.0	36.0	-	16.5	19.5	M16x1.5	Fig-2
DCB 05 1X -M1A -□				5 cores	M22x1.5	26.5	24.0	36.0	-	16.5	19.5	M16x1.5	Fig-2
DCB 06 1X -M2 -□				6 cores	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 12 1X -M3 -□				12 cores	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 03 2X -M0 -□	2.5mm. ²	23A.	450/750V.	3 cores	M16x1.5	24.5	22.0	25.0	14.0	15.0	5.0	M10x1.5	Fig-1
DCB 03 2X -M1 -□				3 cores	M20x1.5	26.5	24.0	25.0	18.0	15.0	5.0	M14x1.5	Fig-1
DCB 03 2X -M1A -□				3 cores	M22x1.5	26.5	24.0	36.0	-	16.5	19.5	M16x1.5	Fig-2
DCB 04 2X -M2 -□				4 cores	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 10 2X -M3 -□				10 cores	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 22 2X -M4 -□				22 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 01 4X -M0 -□	4.0mm. ²	31A.	450/750V.	1 core	M16x1.5	24.5	22.0	25.0	14.0	15.0	5.0	M10x1.5	Fig-1
DCB 01 4X -M1 -□				1 core	M20x1.5	26.5	24.0	25.0	18.0	15.0	5.0	M14x1.5	Fig-1
DCB 01 4X -M1A -□				1 core	M22x1.5	26.5	24.0	36.0	-	16.5	19.5	M16x1.5	Fig-2
DCB 03 4X -M2 -□				3 cores	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 06 4X -M3 -□				6 cores	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 16 4X -M4 -□				16 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 01 6X -M0 -□	6.0mm. ²	40A.	450/750V.	1 core	M16x1.5	24.5	22.0	25.0	14.0	15.0	5.0	M10x1.5	Fig-1
DCB 01 6X -M1 -□				1 core	M20x1.5	26.5	24.0	25.0	18.0	15.0	5.0	M14x1.5	Fig-1
DCB 01 6X -M1A -□				1 core	M22x1.5	26.5	24.0	36.0	-	16.5	19.5	M16x1.5	Fig-2
DCB 03 6X -M2 -□				3 cores	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 06 6X -M3 -□				6 cores	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 10 6X -M4 -□				10 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 01 10 -M2 -□	10.0mm. ²	58A.	450/750V.	1 core	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 03 10 -M3 -□				3 cores	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 06 10 -M4 -□				6 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 01 16 -M2 -□	16.0mm. ²	75A.	450/750V.	1 core	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 03 16 -M3 -□				3 cores	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 06 16 -M4 -□				6 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 01 25 -M2 -□	25.0mm. ²	98A.	450/750V.	1 core	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 03 25 -M4 -□				3 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 04 25 -M5 -□				4 cores	M50x1.5	56.0	50.8	25.0	48.0	15.0	5.0	M42x1.5	Fig-1
DCB 01 35 -M2 -□	35.0mm. ²	124A.	450/750V.	1 core	M25x1.5	35.0	31.75	25.0	23.0	15.0	5.0	M18x1.5	Fig-1
DCB 03 35 -M4 -□				3 cores	M40x1.5	49.0	44.4	25.0	38.0	15.0	5.0	M32x1.5	Fig-1
DCB 04 35 -M5 -□				4 cores	M50x1.5	56.0	50.8	25.0	48.0	15.0	5.0	M42x1.5	Fig-1
DCB 01 50 -M3 -□	50.0mm. ²	163A.	450/750V.	1 core	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1
DCB 03 50 -M5 -□				3 cores	M50x1.5	56.0	50.8	25.0	48.0	15.0	5.0	M42x1.5	Fig-1
DCB 01 70 -M3 -□	70.0mm. ²	200A.	450/750V.	1 core	M32x1.5	42.0	38.1	25.0	30.0	15.0	5.0	M25x1.5	Fig-1