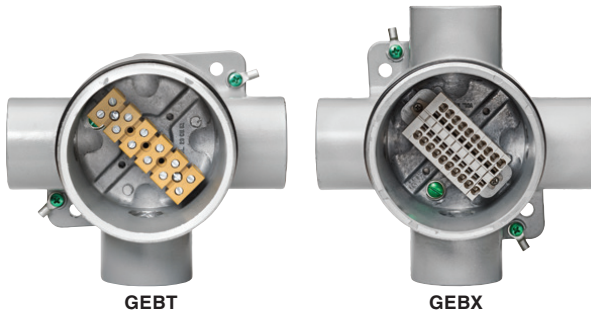




STOCK TERMINAL BOXES - UL / CSA / ATEX / IEC EX WITH PANEL MOUNTED TERMINALS



CLASSIFIED - File E83969
 UL - Certified - LR11716
 Sira 12ATEX1244
 IEC Ex SIR 12.0107

Class I, Div. 1 & 2, Groups B, C, D
 Class I, Zone 1 & 2, Groups IIC, IIB, IIA
 Class II, Div. 1 & 2, Groups E, F, G
 Class III
 Enclosure Type 3, 4 & 4X IP66

Ex II 2 G D CE 0518
 Ex d IIC T3* Gb
 Ex t IIIC T200°C* Db
 Ta = -40°C to +138°C* IP66



FEATURES-SPECIFICATIONS

Applications

Used within hazardous areas to splice or terminate conductors by means of a terminal block.

Acts as a pull and splice box.

Provides access to conductors for maintenance and future

Used to link and distribute electrical wires through a conduit or gland system to field controlled devices or sensors.

Features

- Cover o-ring supplied as standard for **Type 4X and IP66** applications
- Available in 3 configurations, C, T & X with **either 3/4" or 1" NPT taper threaded hubs** providing ground continuity
- Smooth integral hub bushing to protect conductor insulation when pulling
- Also available in M20 through M50 metric sizes
- No pinching of conductors during cover installation
- Three options of terminal blocks to select from
- One Internal and two external grounding (earthing) screws.
- Lugs on covers permits for easy removal and tightening

Industrial Applications

- Petroleum Refineries
- Oil Rigs & Platforms
- Chemical/Petrochemical Plants
- Pharmaceutical Facilities
- Automotive Repair Facilities
- Aircraft Facilities
- Wet/Corrosive Environments
- Grain Elevators

Materials

- Box & cover: Copper free aluminum (less than 4/10 of 1%)
- Finish: Electrostatically applied powder coating – Grey
- O-Ring Gasket Material: Nitrile compound
- Hub Sizes: 3/4 NPT & 1" NPT
- Stainless steel tamper-proof locking set screw in cover

Terminal Blocks Specifications

8TBMK: Weidmuller® MK3/8 Qty 8 points
 UL = 600VAC, 5AMP, #22 to #12 AWG
 CSA = 300VAC, 25AMP, #22 to #12 AWG
 IEC = 400VAC, 24AMP, 2.5mm²

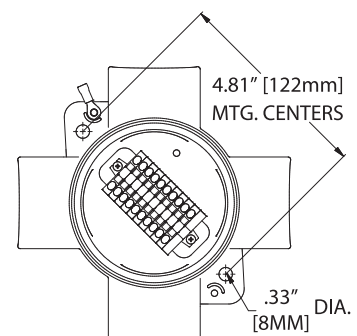
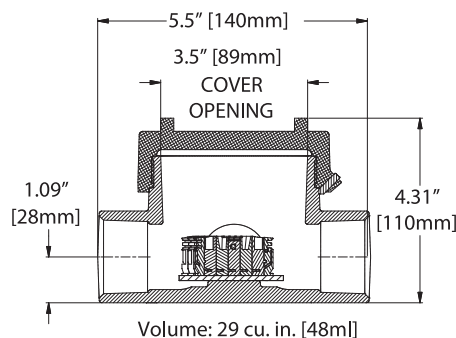
6TBMK: Weidmuller® MK6/6 Qty 6 points
 UL = 300VAC, 20AMP, #22 to #10 AWG
 CSA = 300VAC, 40AMP, #22 to #10 AWG
 IEC = 690VAC, 41AMP, 6mm²

10TBZD: Weidmuller® ZDUB2.5 Qty 10 points
 UL = 600VAC, 20AMP, #26 to #12 AWG
 CSA = 600VAC, 25AMP, #26 to #12 AWG
 IEC = 690VAC, 24AMP, 2.5mm²

*T Codes Ratings / Wattage Input

- 20 Watts of Power
 Ta 48°C = T6 / T85°C
 Ta 63°C = T5 / T100°C
 Ta 98°C = T4 / T135°C
 Ta 163°C = T3 / T200°C
- 30 Watts of Power
 Ta 50°C = T5 / T100°C
 Ta 85°C = T4 / T135°C
 Ta 150°C = T3 / T200°C
- 40 Watts of Power
 Ta 38°C = T5 / T100°C
 Ta 73°C = T4 / T135°C
 Ta 138°C = T3 / T200°C

HUB TYPE	CATALOG NUMBER	HUB SIZE	CATALOG NUMBER	HUB SIZE
C	GEBC-2-8TBMK-EX	3/4"	GEBC-3-8TBMK-EX	1"
	GEBC-2-6TBMK-EX		GEBC-3-6TBMK-EX	
	GEBC-2-10TBZD-EX		GEBC-3-10TBZD-EX	
T	GEBC-2-8TBMK-EX	3/4"	GEBC-3-8TBMK-EX	1"
	GEBC-2-6TBMK-EX		GEBC-3-6TBMK-EX	
	GEBC-2-10TBZD-EX		GEBC-3-10TBZD-EX	
X	GEBC-2-8TBMK-EX	3/4"	GEBC-3-8TBMK-EX	1"
	GEBC-2-6TBMK-EX		GEBC-3-6TBMK-EX	
	GEBC-2-10TBZD-EX		GEBC-3-10TBZD-EX	





GEB SERIES

TERMINAL BOXES - UL / CSA / ATEX / IEC Ex CONFIGURED **PANEL MOUNTED** TERMINALS



GEBXC Open



GEBX Open

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Enclosure Type 3, 4 & 4X IP66

Ex II 2 G D CE 0518

Ex d IIC T* Gb

Ex t IIIC T*°C Db

Ta = -40°C to +°C IP66



FEATURES-SPECIFICATIONS

Applications

Used within hazardous areas to splice or terminate conductors by means of a terminal block.

Acts as a pull and splice box.

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Used to link and distribute electrical wires through a conduit or gland system to field controlled devices or sensors.

Features

- Cover o-ring supplied as standard for **Type 4X and IP66** applications
- Available in 4 configurations, C, L, T & X with **either 1/2" to 1-1/2" NPT taper threaded hubs** providing ground continuity
- Smooth integral hub bushing to protect conductor insulation when pulling
- Also available in M20 through M50 metric sizes
- External cover threads on the body protecting conductors from damages during pulling.
- No pinching of conductors during cover installation
- Two terminal block manufacturers to choose from, Weidmuller® and ABB®
- Three options of terminal blocks to select from
- One Internal and two external grounding (earthing) screws.
- Lugs on covers permits for easy removal and tightening

Materials

- Box & cover: Copper free aluminum (less than 4/10 of 1%)
- Finish: Electrostatically applied powder coating - Grey
- O-Ring Gasket Material: Nitrile compound supplied as a standard on all units
- Hub Sizes: 1/2 NPT to 1-1/2" NPT and M20 to M50
- Stainless steel tamper-proof locking set screw in cover

GEB	T	-	2	P	-	8TBMK	2*	-	EX
1	2		3	4		5	6		7

1. Series

2. HUB CONFIGURATION

C = FEED THROUGH

L = "L" CONFIGURATION

T = "T" CONFIGURATION

X = "X" CONFIGURATION

3. OPENING SIZE

1 = 1/2 NPT (REDUCER)

2 = 3/4 NPT

3 = 1" NPT

4 = 1-1/4 NPT

5 = 1-1/2 NPT

24 = 1-1/4 x 3/4 NPT (T & X only)

25 = 1-1/2 x 3/4 NPT (T & X only)

M20 = M20 METRIC

M25 = M25 METRIC

M32 = M32 METRIC

M40 = M40 METRIC

M50 = M50 METRIC

M25-M40 = M25 - M40 METRIC ("T" only)

M25-M40 = M25 - M50 METRIC ("T" only)

4. P = PANEL MOUNTED TERMINAL BLOCKS

5. QTY / TYPE OF TERMINAL BLOCK / MAXIMUM WIRE SIZE

8TBMK3 = 2.5mm² (#12 AWG)

6TBMK6 = 6mm² (#8 AWG)

10TBZD = 2.5mm² (#12 AWG)

10TBZD4AN = 2.5mm² (#12 AWG)

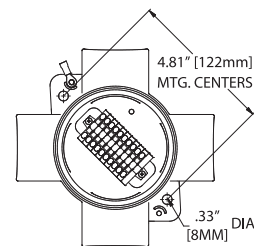
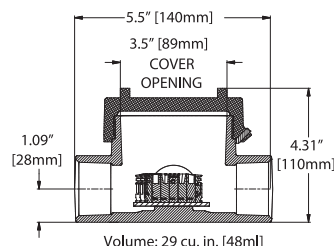
6. "T" WATTAGE MARKING CODE*

2 = 20 WATTS MAXIMUM INPUT

3 = 30 WATTS MAXIMUM INPUT

4 = 40 WATTS MAXIMUM INPUT

7. UL / CSA / ATEX / IEC Ex



Terminal Blocks Specifications

8TBMK: Weidmuller® MK3/8 Qty 8 points

UL = 600VAC, 5AMP, #22 to #12 AWG

CSA = 300VAC, 25AMP, #22 to #12 AWG

IEC = 400VAC, 24AMP, 2.5mm²

6TBMK: Weidmuller® MK6/6 Qty 6 points

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10TBZD: Weidmuller® ZDUB2.5 Qty 10 points

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CSA = 600VAC, 25AMP, #26 to #12 AWG

IEC = 690VAC, 24AMP, 2.5mm²

10TBZD4AN: Weidmuller® ZDUB2.5/4AN/DM

4 Connections Qty 10 points

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CSA = 600VAC, 25AMP, #26 to #12 AWG

IEC = 690VAC, 24AMP, 2.5mm²

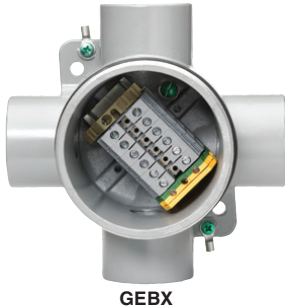
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Ta 63°C = T5 / T100°C
Ta 98°C = T4 / T135°C
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- 30 Watts of Power
Ta 50°C = T5 / T100°C
Ta 85°C = T4 / T135°C
Ta 150°C = T3 / T200°C
- 40 Watts of Power
Ta 38°C = T5 / T100°C
Ta 73°C = T4 / T135°C
Ta 138°C = T3 / T200°C



ENCLOSURES

TERMINAL BOXES - UL / CSA / ATEX / IEC EX DIN RAIL MOUNTED TERMINALS



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- Also available in M20 through M50 metric sizes
- External cover threads on the body protecting conductors from damages during pulling.
- No pinching of conductors during cover installation
- Two terminal block manufacturers to choose from, Weidmuller® and ABB®
- Three options of terminal blocks to select from
- One Internal and two external grounding (earthing) screws.
- Lugs on covers permits for easy removal and tightening
- Available with SKK 4mm² block up to qty 6. The SKK are rated up to 250°C continuous service

Materials

- Box & cover: Copper free aluminum (less than 4/10 of 1%)
- Finish: Electrostatically applied powder coating – Grey
- O-Ring Gasket Material: Nitrile compound supplied as a standard on all units
- Hub Sizes: 1/2 NPT to 1-1/2" NPT and M20 to M50
- Stainless steel tamper-proof locking set screw in cover

GEB T - 2 D - W 1 6 2U 2* - EX
1 2 3 4 5 6 7 8 9 10

1. Series

2. HUB CONFIGURATION

C = FEED THROUGH
L = "L" CONFIGURATION
T = "T" CONFIGURATION
X = "X" CONFIGURATION

3. OPENING SIZE

1 = 1/2 NPT (REDUCER)
2 = 3/4 NPT
3 = 1" NPT
4 = 1-1/4 NPT
5 = 1-1/2 NPT
24 = 1-1/4 x 3/4 NPT (T & X only)
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M20 = M20 METRIC
M25 = M25 METRIC
M32 = M32 METRIC
M40 = M40 METRIC
M50 = M50 METRIC
M25-M40 = M25 - M40 METRIC ("T" only)
M25-M40 = M25 - M50 METRIC ("T" only)

4. D = DIN RAIL MOUNTED TERMINAL BLOCKS

5. TERMINAL BLOCK MANUFACTURER

W = WEIDMULLER
A = ABB

6. TYPE OF TERMINAL BLOCK FAMILY

1 = "WD" WEIDMULLER
2 = "SKK" WEIDMULLER CERAMIC
3 = "ZS" ABB

7. TOTAL NUMBER OF TERMINAL BLOCKS

2.5mm² = 10 MAX.
4mm² = 8 MAX.
6mm² = 6 MAX.
10mm² = 4 MAX.

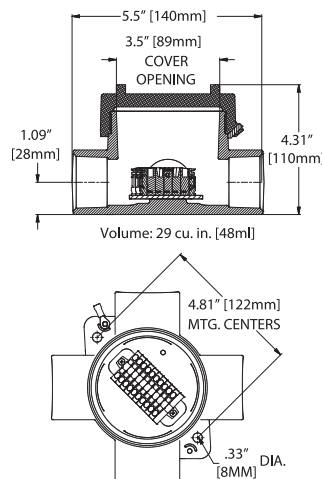
8. TERMINAL BLOCK MAX WIRE SIZE / TYPE

2 = 2.5mm² (#12 AWG)
4 = 4mm² (#10 AWG)
6 = 6mm² (#8 AWG)
10 = 10mm² (#6 AWG)

9. "T" WATTAGE MARKING CODE*

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4 = 40 WATTS MAXIMUM INPUT

10. UL / CSA / ATEX / IEC Ex



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