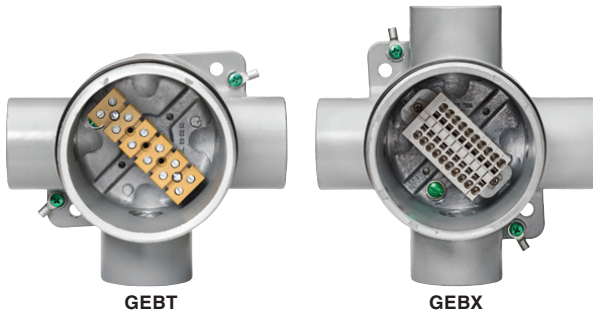




ENCLOSURES

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



CLASSIFIED - File E83969

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

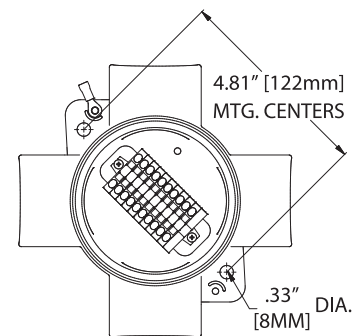
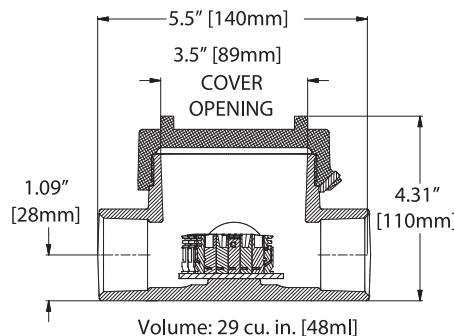
6TBMK: Weidmuller® MK6/6 Qty 6 points
 UL = 300VAC, 20AMP, #22 to #10 AWG
 CSA = 300VAC, 40AMP, #22 to #10 AWG
 IEC = 690VAC, 41AMP, 6mm²

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	GEBX-2-8TBMK-EX	3/4"	GEBX-3-8TBMK-EX	1"
	GEBX-2-6TBMK-EX		GEBX-3-6TBMK-EX	
	GEBX-2-10TBZD-EX		GEBX-3-10TBZD-EX	
T	GEBT-2-8TBMK-EX	3/4"	GEBT-3-8TBMK-EX	1"
	GEBT-2-6TBMK-EX		GEBT-3-6TBMK-EX	
	GEBT-2-10TBZD-EX		GEBT-3-10TBZD-EX	
X	GEBX-2-8TBMK-EX	3/4"	GEBX-3-8TBMK-EX	1"
	GEBX-2-6TBMK-EX		GEBX-3-6TBMK-EX	
	GEBX-2-10TBZD-EX		GEBX-3-10TBZD-EX	





GEB SERIES

KILLARK

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



GEB3 Open



GEBX Open

CLASSIFIED
 UL - File E83969
 SRP 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
 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.

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 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 1 - 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

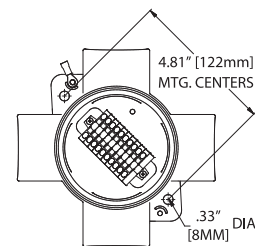
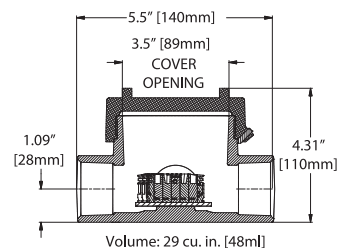
5. QTY / TYPE OF TERMINAL BLOCK / MAXIMUM WIRE SIZE

- 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
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6TBMK: Weidmuller® MK6/6 Qty 6 points
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 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

10TBZD4AN: Weidmuller® ZDUB2.5/4AN/DM 4 Connections 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**

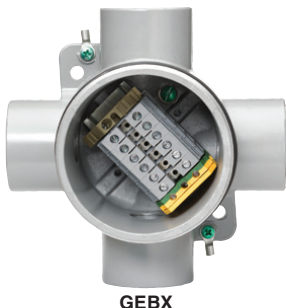
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 Ta 150°C = T3 / T200°C
- 40 Watts of Power
 Ta 38°C = T5 / T100°C
 Ta 73°C = T4 / T135°C
 Ta 138°C = T3 / T200°C

ENCLOSURES

GEB SERIES



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



GEBX

- File E83969

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

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Ex d IIC T* Gb
Ex t IIIC T* C Db
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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 1 - 2 D - W 1 6 2U 2* - EX
1 2 3 4 5 6 7 8 9 10

1. Series

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- X = "X" CONFIGURATION

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- 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.

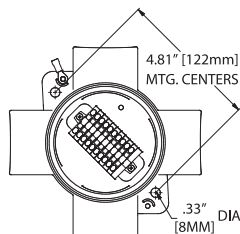
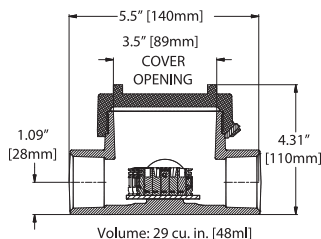
8. TERMINAL BLOCK MAX WIRE SIZE / TYPE

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

9. "T" WATTAGE MARKING CODE*

- 2 = 20 WATTS MAXIMUM INPUT
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- 4 = 40 WATTS MAXIMUM INPUT

10. UL / CSA / ATEX / IEC Ex



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