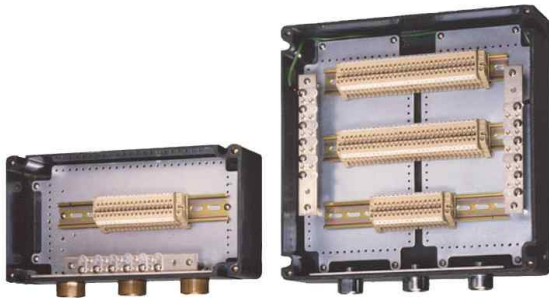


Engineering Plastic Terminal Box TBEP Series

❖ Type of Explosion-proof
Increase Safety (Ex eb IIC T6 Gb IP66)
Dust-proof (Ex tb IIIC T80℃ Db IP66)



❖ Application

TBEP Series Terminal Boxes are used ;

- in Heavy process industries having environments where flammable or explosive vapors or gases, or where combustible dusts are present.
- in Petroleum refineries, chemical, petrochemical and other heavy process industry facilities.
- where ignitable concentrations of flammable gases, vapors or liquids can exist some of the time under normal operation conditions.
- where ignitable concentrations of flammable gases, vapors or liquids are not likely to exist under normal operation conditions.
- where combustible dust, moisture, dirt are present and vibration, corrosion, rough usage are problems.

❖ Features

- Enclosure in glass fiber reinforced polyester resin, provide excellent resistant to corrosion so have a long life.
- Enclosure contain ultraviolet interception ingredient to resist transformation.
- Easy installation and maintenance.
- Metal cable entries can be fitted. They are crewed into brass plates and via these incorporated into the earthing system of the enclosure.

❖ Standard Materials

- Enclosure : Glass fiber reinforced polyester resin
- Gasket : Silicone sponge
- Terminal : Increase safety type
(Standard : WDU Series (Weidmuller))

❖ Standard Finish

- Natural
- If you want another color, contact us please.

❖ Options

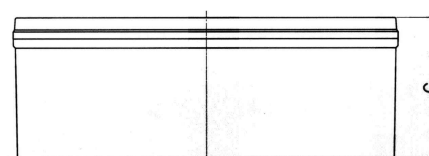
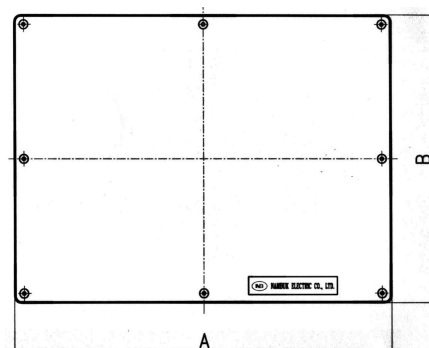
- Terminals can fitted to order.
- Cable glands can fitted to order.

❖ Certificate

- IECEx KTL 19.0045 / IECEx KTL 20.0025X
- KEMA 09 ATEX 0070 / INERIS 12ATEX0003 / INERIS 12ATEX0004

❖ Dimension

		Catalog No.			
		TBEP 171710	TBEP 402020	TBEP 404020	TBEP 804020 804030
Dimen. (mm)	A	172	400	400	800
	B	170	200	400	400
	C	100	200	200	200 300



❖ Technical Data

	Terminal			Catalog No.			
	Type	Size (mm²)	Current (A)	TBEP 171710	TBEP 402020	TBEP 404020	TBEP 804020
Max. No. of Terminals (P)	WDU 2.5	2	25	20	40	60	120
	WDU 4	3.5	35	20	40	60	120
	WDU 6	5.5	45	15	30	30	60
	WDU 10	8	60	10	20	20	40
Max. No. of Cable Gland	1/2"		M20	4	18	21	40
	3/4"		M25	3	15	17	32
	1"		M32	2	9	11	20
	1-1/4"		M40	2	7	8	15
	1-1/2"		M50	–	4	5	9
	2"		M63	–	3	3	6
	2-1/2"		M75	–	2	3	5
	3"		M90	–	2	2	4
	4"		M100	–	1	2	4