Circuit Breaker Panel Board
EFDS Series

Wet Locations
Factory Sealed
NEMA 3,4,4X,7,9

❖ Type of Explosion-proof

Flameproof-Increase safety (Ex de IIC T6)
Flameproof-Increase safety (Ex de IIB T6)

❖ Application

EFDS Series panel boards are used ;
- in locations which are hazardous due to the presence of flammable vapors or gases and where dampness or corrosion are present.
- for indoor and outdoor applications in petroleum refineries, chemical and petrochemical plants, and other process industry facilities where similar hazards exist.

❖ Features

- Factory sealed – no external seal required.
- Fully wired from circuit breaker housing to pre-numbered terminals in wiring compartment.
- Stainless steel construction provides excellent resistance to corrosion.
- Circuit breakers are contained in compact, individual factory sealed enclosured suitable for flameproof hazardous location.
- Two inner wiring type – Bus Bar type, Wire type.
- Silicone cover gasket provides a watertight seal to meet IP65.
- Standard is IP65, but IP66 can order made.

❖ Standard Materials

- Main Enclosure : Glass fiber reinforced polyester resin
- Interior parts : Aluminum alloy

❖ Compliance

- IEC 60079-0, 1, 7
- NEMA 3, 4, 4X, 7, 9

❖ Options

- Drain and breather
- Grounded neutral lug
- Sunshade cover

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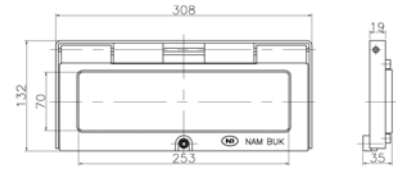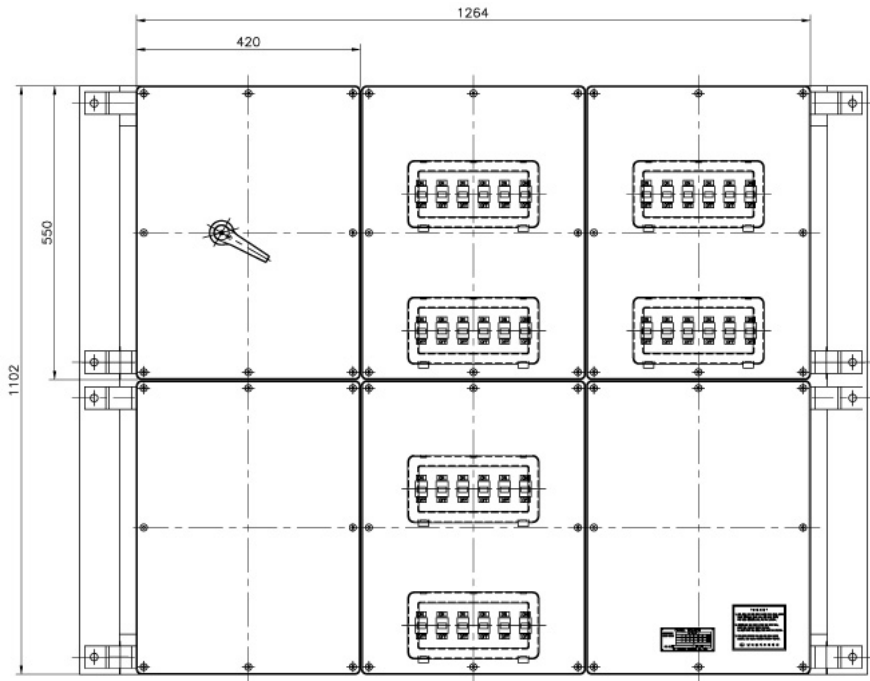
- Natural
- If you want another color, contact us please.

❖ Certification

- Certified by KOSHA (Korea Occupational Safety & Health Agency), KGS (Korea Gas Safety Corporation), and the others.

❖ Technical Data

Electrical Rating	
Main Breaker	Max. 600V / 225AF / 225AT / 4P
Branch Breaker	Max. 600V / 100AF / 100AT / 3P
Entry Size	Max. 2-1/2" – 6EA

Max. 36 Circuit

⇨ If you need more information, contact us please.

❖ Dimension

Cast AL
Type Main
Breaker