



# Marine Electricals

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## Case Study

DEUTSCHE BANK

# Data Centre

## **Brief intro of client:**

Deutsche Bank is a German global banking and financial services company with more than 100,000 employees in over 70 countries. The bank offers financial products and services for corporate and institutional clients along with private and business clients.

## **Assignment Details:**

- Deutsche Bank set up a data center cum back office at Panchshil Tech Park – II , Pune in 2013 where the bank has taken up space of nearly 3.8 Lacs sq.ft.
- We were assigned the task of providing panels for this facility within a very short deadline.
- The stipulated timeline of this project was 49 days for supply, 7 days for testing and commissioning. Total time allowed for Supply , Testing and Commissioning was 60 days from the order confirmation.

## **Panel Details:**

- All panels supplied in this project, right from the MAIN PCC to the PDU's with isolation transformer, are of Smart Panel configuration.
- The PDU's supplied in this project consist of an isolation transformer of K-13 rating with super immunization ( SI ) series RCBO's.
- A key part of the scope involved installation of the panels at site within a very short span.



# Scope of Assignment

Being the main back office data center, Deutsche Bank's specification called for high-end ASCO made ATS with overlapping neutral & bypass to be integrated into our panels. The ASCO system, along with the breakers, was then hooked onto a HONEYWELL IBMS solution and communicated key metering as well as breaker status parameters.

## **Highlights:**

- Order value was INR 13 Cr. and order was delivered within 49 days.
- Order included design, supply, installation, testing & commissioning of panels, bus ducts, bus risers & automation systems with a delivery and commissioning timeframe of 60 days.
- Order involved supply manufacturing panels consisting of 380 breakers, 7 ATS, and 180 meters of busducts.
- All 380 breakers were supplied with advanced protection and metering functions and the same was hooked on to the central monitoring system.
- This system communicates key breaker parameters like on, off, status, key metering parameters, key breaker maintenance parameters.
- **Received repeat order of MINR 260.00 on January'17 for their Mumbai and Pune data centers.**



# Thank you

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