



SKF Dynamic Motor Link - EP1000

Safe connection for motor control centers

The EP1000 brings you the latest innovation in safely monitoring electrical systems. This SKF Dynamic Motor Analyzer EXP4000 accessory features proven accuracy, ease of use, and after installation the ability to leave the motor control cabinet (MCC) closed for safe and quick connection and data collection.

The EP1000 represents Baker/SKF on-going commitment to quality and continuous improvement.

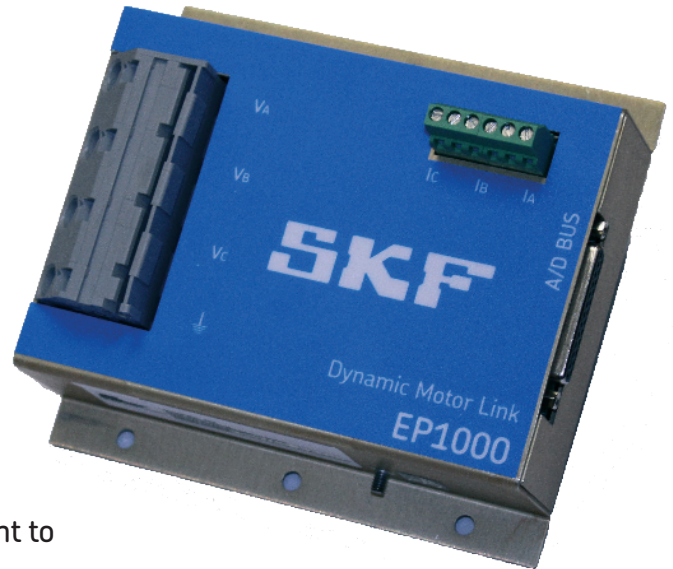
Safety is of great importance in plant maintenance. The dangers of flash hazards make live testing at the MCC prohibitive. The PPE that is required to enter these flash zones is cumbersome, making the task of data gathering more difficult.

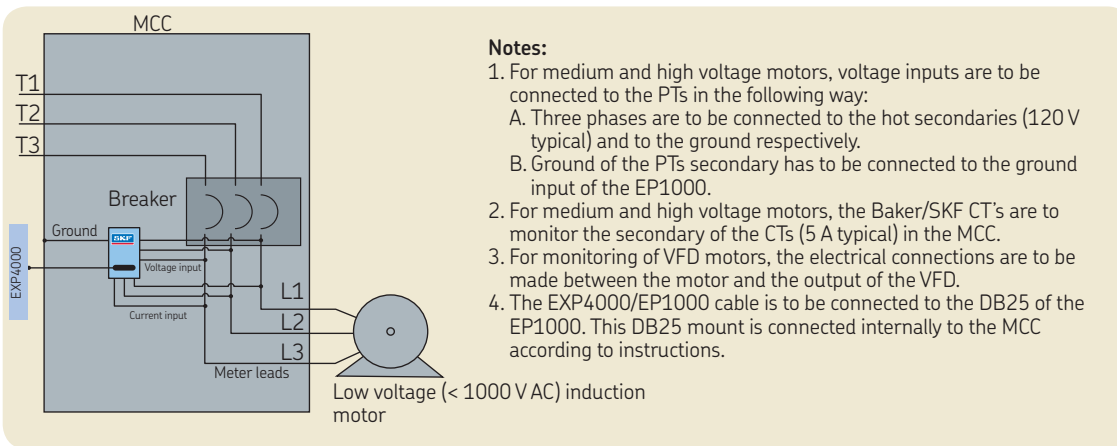
The UL listed EP1000 was designed initially for convenient monitoring of machines. However, the safety benefits of this accessory have now become primary in importance. Once permanently installed within the MCC, the EP1000 does not require the opening of the cabinet again for monitoring purposes. The user simply attaches one cable to the exterior port, allows the EXP4000 software to automatically locate the motor being tested in the database, takes the necessary measure-

ments, disconnects the cable and leaves the zone.

Peak voltage during operation is 5V or less and the accessory is completely passive when the EXP4000 is not attached. It now also has the ability to connect directly to 1000 V inputs.

Obtain consistent results with the EP1000. Since there is only one connection to make, the risk of misconnection is eliminated. Gather electrical data within 30 seconds without interruption of the motor operation. This makes monitoring of critical equipment quick, reliable, safe and easy to obtain.





Ports

(VIP) Voltage Input Port
(CIP) Current Input Port
(MSOP) Mixed Signal Output Port

4 pin Wago terminal block, 3 voltages to 1000 V and 1 ground
6 pin Phoenix contact terminal block for 3 bi-directional CT ± 5 VAC signal
DB25

Current Transformers

Ratings:

Primary
Secondary
Isolation
Signal bus

Amps rate for application 5 A, 50 A, 200 A, 600 A, 3000 A
Voltage output rate at max ± 3 VAC peak instantaneous
600 V HiPot tested
6 foot twisted wire. Differential signal.

EP1000/MCC Cable

Length
Installation
Ports
Pins

60 in.
From EP box to MCC front panel internal to MCC
DC25 to DB25 panel mount connector
(2 pins) DIOS 0 to 5 VDC

EXP4000/EP1000 Cable

One cable per EXP4000 required for EP1000 operation

Physical characteristics

Weight
Dimensions

0.2 lbs
5.75 x 5.25 x 1.6 in.

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