



SD34 UK REVA 2004

Drive support gives security for critical applications

Service Notes



DriveCare, from ABB Drives Alliance, is designed to prevent downtime and to minimise it when it happens

A new service to improve the reliability and security of drive applications has been launched by ABB. *DriveCare*, provided by ABB's channel partners in ABB Drives Alliance, is designed to prevent downtime and to minimise it when it does happen.

When a new drive is commissioned by an ABB Drives Alliance member, all the software parameters are backed up. These are then stored securely on a central database held at the local Drives Alliance partner's premises. In the event of plant failure, the parameters can be restored quickly and conveniently from the archive.

In case the drive is seriously damaged in an accident or fire, the parameters can be loaded into a new drive that can be working on site within hours. With the saved parameters, the

new drive will work exactly as its predecessor from the initial set-up. No trial runs are necessary.

"*DriveCare* really gives users peace of mind for the future operation of their plant," says Mike Carmen, Sales Manager, Drive Products, at ABB. "When downtime strikes, the maintenance engineers frequently spend hours pouring over their records to recover the correct parameters to get the drive up and running again. Now, we will be keeping all that information on a database, ready to re-use when the customer calls, any time of day or night."

As well as having their drive parameters added to the database, users of *DriveCare* also get a laminated copy of the drive parameters and certificate of corporation into the

DriveCare is a new service from ABB Drives Alliance that enables speedy recovery of variable speed drive applications following a breakdown, by ensuring that the drive parameters are safely stored off site.

ABB



SD34 UK REVA 2004

Service Notes

DriveCare scheme to keep. A sticker is attached to the drive, advising users where to turn in a breakdown situation and a contact telephone number. When the user calls his local ABB Drives Alliance partner, he will get a faster response as they already have all the details about his applications.

In addition, *DriveCare* encompasses a full range of spare parts for ABB drives. Engineers will carry diagnostic suitcases containing key components for drives that are part of the scheme, allowing them to get drives up and running with the minimum of delay. Existing drives at the site can also be added to the scheme.

A planned maintenance programme, called *DriveCare+*, is also available. Under this programme, periodic visits are carried out to ensure that all connections are tight, that the ventilation is working and that the drive is free from dust and moisture. The parameters are checked against the original set-up to ensure they have not been tampered with. Spare drives in storage are powered up to ensure the capacitors are kept in peak condition.

When new drive features become available, the ABB Drives Alliance member will advise on how these could benefit the application.

ABB Drives Alliance partner technicians are on call at all times with access to the full stock of spares and replacement drives, providing



support for critical drive applications around the clock.

Solved problem

- Variable speed drive applications can now be easily restored following a breakdown

Solution

- All software parameters are backed up when the drive is installed and stored on a database at the local Drives Alliance partner

Benefits

- If the drive is damaged, for instance by an accident or fire, the parameters can be easily accessed and loaded into a new drive
- With the existing parameters, the new drive will work exactly as the previous one, without any trial runs being necessary



ABB Limited

9 The Towers
Wilmslow Road
Didsbury Manchester M20 2AB
Tel: +44 (0) 161 438 3036
Fax: +44 (0) 161 445 6066
e-mail: enquires@gb.abb.com
www.abb.com/motors&drives