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From Ove Ericsson
Dept. CCQM
Phone + 46 155 29 51 79
Fax + 46 155 28 24 60
E-mail ove.ericsson@se.abb.com

Certificate
Standards and Temperature Certificate Switch-Disconnectors.

To Whom it may concern

Copy to

Enclosed switches namebrand ABB types BW, KSE and KSF enclosed safety switches types BWS and LBAS.

Enclosed switches namebrand CEWE types BA and BON and enclosed safety switches types BAS and LBAS manufactured by ABB AB/Cewe-Control Nyköping, Sweden.

According to existing international standard for switch disconnectors, IEC-EN 60947-1, IEC-EN 60947-3 and Swedish standard. SS-EN 60947-1, SS-EN 60947-3 the switches are approved for ambient temperature range of -25°C to $+40^{\circ}\text{C}$. Although, based on own tests and field experiences we can guarantee the use of our enclosed switches within following temperature range: -40°C to $+55^{\circ}\text{C}$ without derating.

Note that max. allowed temperature of connected cables is not exceeded!
Max. allowed temperature rise at terminals are 70°C at thermal current level.
The enclosures have been tested according to IEC 60 529 regarding the rated degree of protection (IP-rating) which is marked on the product.
Technical data are valid for both 50 and 60 Hz applications.

Best regards

ABB AB/Cewe-Control
Quality Department
CCQM



Ove Ericsson

ABB AB
