

VUB120/VUB160: New IGBT and Diode in dynamic brake section

Customer: *all*

IXYS product type: *old: VUB120-12NO1, VUB120-16NO1, VUB160-12NO1, VUB160-16NO1*
new: VUB120-12NO2, VUB120-16NO2, VUB160-12NO2, VUB160-16NO2

Description of change: (1) *new IGBT for the brake unit*
 (2) *new converter diode for higher ρt (value for fusing) and I_{FSM} (maximum surge forward current)*
 (3) *without NTC; optionally with NTC on request (pins and positioning will remain)*

Reason for change: (1) *new technology with better performance*
 (2) *improvement of maximum ratings of the converter*

Identification: *Ending of product name with 2 instead of 1*

Schedule of change: *Last time buy for VUB120/160-12/16NO1: September 9, 2004*
Start of mass production VUB120/160-12/16NO2: June 2004

Influence on reliability: *Improved performance due to (1) and (2) (see reasons for change)*

Internal reference: *TÄ25/02 & TÄ115/03*

In case of any question, please contact

Initiator	Title/Function	Date	e-mail
<i>Ostmann</i>	<i>MP1 / Product marketing</i>	<i>19.03.2004</i>	<i>h.ostmann@ixys.de</i>

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Customer response:

(please fill in and return by e-mail, fax or mail within 4 weeks)

for further questions / information Company: _____

please comment Name & Position: _____

Phone / Fax No.: _____

Note: **Written** response or **written** acknowledgement with statement of approval criteria, must be received within thirty (30) days of the date of this PCN or IXYS will consider this change approved.

Comments: _____