

Type Approval Certificate Extension

This is to certify that Certificate No. 97/00094(E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

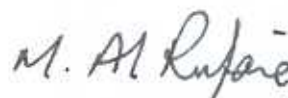
PRODUCER	ABB Automation Technologies AB
PLACE OF PRODUCTION	Cewe-Control Motorgrand 20 SE-721 61 Vasteras Sweden
DESCRIPTION	3 pole contactor without enclosure
TYPE	A95, A110
APPLICATION	Marine, offshore and industrial applications for use in environmental categories ENV1, ENV2 and ENV3 as defined in LR Test Specification No. 1: 1996

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The attached Design Appraisal Document No. 97/00094(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 97/00094(E1) to which this extension should be attached.

Certificate No.	97/00094(E2)
Issue Date	04 February 2007
Expiry Date	23 June 2012
Sheet	1 of 1



M.H.A. Rufaie
London Design Support Services
Lloyd's Register EMEA

*Lloyd's Register EMEA
71 Fenchurch Street, London EC3M 4BS*

Part 2
 Contactors (Part 2)

Producer/Licence No.	Type	Rating 3 phase, 50/60Hz a.c.					Category Additional Tests	Remarks	Cert. No.
		Standard	Utilisation Category	Operational Voltage Ue	Operational Current Ie Amperes	Thermal Current Ith Amperes			
ABB Automation Technologies AB, Cewe-Control, Motorgrand 20, SE-721 61 Vaasteras, Sweden.	3 pole without enclosure A95	IEC 947-4-1	AC3	415	96	145	ENV1 ENV2 ENV3 (1996)	Expires: 23 June 2012 Operating coils ≤600V ac 50/60Hz See Catalogue 1SFC 101003C0201	97/00094(E2)
				440	90	145			
				500	80	145			
				690	65	145			
				1000	30	145			
				415	110	160			
440	100	160							
500	100	160							
690	82	160							
1000	30	160							
	AT10	"	AC3			"			

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