

To: whom it may concern

LB-DT 03-22D

Bergamo, May 26th 2022

We hereby confirm that the following retrofitting kits:

- Model Frame: DR BTicino Megabreak - Emax.2
- Type: Direct Replacement
- Associated Circuit-Breaker: Emax.2

comply with IEC 60947-2 according to the ratings shown in the table present on next page.

ABB S.p.A.
Electrification Smart Power
Product Certification Manager
Low Voltage Breakers
G. Tribulato

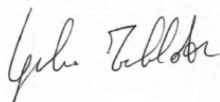


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A. Rovardi

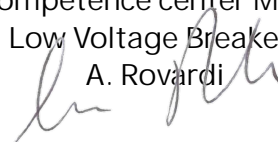


ABB is not responsible for the installation activity. The above statement refers to standard installation conditions and assume ABB installation and maintenance instructions are followed by technician with adequate expertise. ABB General terms conditions-Ed Apr. 2012 applies, including express exclusion of any liability for direct and indirect damages.

Model Type					Rated Current "In" [A]				Short Circuit Current Ratings Icu & Ics [kA]				Short Circuit Withstand Ratings Icw x 1s [kA]		
Bticino Megabreak Frame	Bticino Megabreak Type	Iu [A]	Poles	E _{max.2}	Rating Plug	VR Terminals	HR Terminals	Front Terminals	415 Vac	500 Vac	600 Vac	690 Vac	415 - 500 Vac	600 Vac	690 Vac
Frame 1	MA	800	3P - 4P	E2.2N 800	-	800	800	800	50	50	50	40	50	50	40
		1000	3P - 4P	E2.2N 1000	-	1000	1000	1000	50	50	50	40	50	50	40
		1250	3P - 4P	E2.2N 1250	-	1250	1250	1250	50	50	50	40	50	50	40
		1600	3P - 4P	E2.2N 1600	-	1600	1600	1600	50	50	50	40	50	50	40
		2000	3P - 4P	E2.2N 2000	-	2000	2000	2000	50	50	50	40	50	50	40
	2500	3P - 4P	E2.2N 2500	-	2400	2300	2300	50	50	50	40	50	50	40	
	MH	800	3P - 4P	E2.2N 800	-	800	800	800	65	65	50	40	65	50	40
		1000	3P - 4P	E2.2N 1000	-	1000	1000	1000	65	65	50	40	65	50	40
		1250	3P - 4P	E2.2N 1250	-	1250	1250	1250	65	65	50	40	65	50	40
		1600	3P - 4P	E2.2N 1600	-	1600	1600	1600	65	65	50	40	65	50	40
2000		3P - 4P	E2.2N 2000	-	2000	2000	2000	65	65	50	40	65	50	40	
2500	3P - 4P	E2.2N 2500	-	2400	2300	2300	65	65	50	40	65	50	40		
Frame 2	MA	3200	3P - 4P	E4.2N 3200	-	3200	3000	3000	50	50	50	40	50	50	40
		4000	3P - 4P	E4.2N 4000	-	3600	3450	3450	50	50	50	40	50	50	40
	MH	3200	3P - 4P	E4.2N 3200	-	3200	3000	3000	65	65	50	40	65	50	40
		4000	3P - 4P	E4.2N 4000	-	3600	3450	3450	65	65	50	40	65	50	40
	ML	800	3P - 4P	E4.2H 3200	800	800	800	800	80	80	65	60	80	65	60
		1000	3P - 4P	E4.2H 3200	1000	1000	1000	1000	80	80	65	60	80	65	60
		1250	3P - 4P	E4.2H 3200	1250	1250	1250	1250	80	80	65	60	80	65	60
		1600	3P - 4P	E4.2H 3200	1600	1600	1600	1600	80	80	65	60	80	65	60
		2000	3P - 4P	E4.2H 3200	2000	2000	2000	2000	80	80	65	60	80	65	60
		2500	3P - 4P	E4.2H 3200	2500	2500	2500	2500	80	80	65	60	80	65	60
3200	3P - 4P	E4.2H 3200	-	3200	3000	3000	80	80	65	60	80	65	60		
4000	3P - 4P	E4.2H 4000	-	3600	3450	3450	80	80	65	60	80	65	60		

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To: whom it may concern

LB-DT 02-22D

Bergamo, May 26th 2022

We hereby confirm that the following retrofitting kits:

- Model Frame: DR BTicino Megabreak - Emax.2 MS
- Type: Direct Replacement
- Associated Circuit-Breaker: Emax.2 MS

comply with IEC 60947-3 according to the ratings shown in the table.

Model Type					Rated Current "In" [A]			Utilization Category at 690Vac	Short Circuit Withstand Ratings I _{cw} x 1s [kA]	
Bticino Megabreak Frame	Bticino Megabreak Type	I _n [A]	Poles	Emax.2	VR Terminals	HR Terminals	Front Terminals		415 - 600 Vac	690 Vac
Frame 1	MS	1250	3P - 4P	E2.2N/MS 1250	1250	1250	1250	AC-23A	50	40
		1600	3P - 4P	E2.2N/MS 1600	1600	1600	1600	AC-23A	50	40
		2000	3P - 4P	E2.2N/MS 2000	2000	2000	2000	AC-23A	50	40
		2500	3P - 4P	E2.2N/MS 2500	2400	2300	2300	AC-23A	50	40
Frame 2	MS	3200	3P - 4P	E4.2N/MS 3200	3200	3000	3000	AC-23A	50	40
		4000	3P - 4P	E4.2N/MS 4000	3600	3450	3450	AC-23A	50	40

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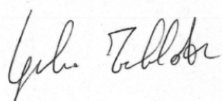


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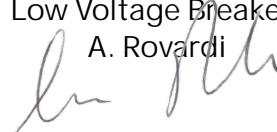


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