Short-circuit protection MS325 — Setting ranges, short-circuit strength and max. back-up fuses

Maximum rated current of the short-circuit fuses if $I_{cc} > I_{cs}$

	from	to	at 230 V AC		at 400 V AC		at 440 V AC		at 500 V AC		at 690 VAC	
			I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A
	A	A	Fuse types: Diazed, l.v.h.b.c., utilisation categories: gL, aM (VDE), gL/gG (IEC)									
Setting ranges	0.1	... 0.16	Short-circuit proof No back-up fuse required up to I_{cc} = 100 kA									
	to											
	1.0	... 1.6									40	25
	1.6	... 2.5							60	35 / 40	10	40
	2.5	... 4.0					70	50	40	50	7	40
	4.0	... 6.3					50	80	30	80	5	50
	6.3	... 9.0			75	80	45	80	27	80	4.5	50
	9.0	... 12.5			60	100	40	100	25	100	4	50
	12.5	... 16.0			55	100	35	100	22	100	3.5	50
	16.0	... 20.0			50	125	30	125	20	125	3	50
	20.0	... 25.0										

Short-circuit protection MS325 — Setting ranges, short-circuit strength and max. back-up fuses

Maximum rated current of the short-circuit fuses if $I_{cc} > I_{cs}$

	from	to	at 230 V AC		at 400 V AC		at 440 V AC		at 500 V AC		at 690 VAC	
			I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A	I_{cs} kA	gL, aM A
	A	A	Fuse types: Diazed, l.v.h.b.c., utilisation categories: gL, aM (VDE), gL/gG (IEC)									
Setting ranges	0.1	... 0.16	Short-circuit proof No back-up fuse required up to I_{cc} = 50 kA									
	to											
	1.0	... 1.6									40	25
	1.6	... 2.5							60	35 / 40	10	40
	2.5	... 4.0							40	50	7	40
	4.0	... 6.3							30	80	5	50
	6.3	... 9.0					45	80	27	80	4.5	50
	9.0	... 12.5					40	100	25	100	4	50
	12.5	... 16.0					35	100	22	100	3.5	50
	16.0	... 20.0					30	125	20	125	3	50
	20.0	... 25.0										

I_{cs} = Rated service short-circuit breaking capacity, I_{cu} = Rated ultimate short-circuit capacity, I_{cc} = Prospective short-circuit current at installation location.
I_{cs} = I_{cu} in the case of MS 325 and MS 116!