

MX circuit breaker Type A: Rated operational current and temperature compensation coefficient table

		Ambient Temperature												
		Rated current	-40°C	-35°C	-25°C	-15°C	-5°C	0°C	+10°C	+20°C	+30°C	+40°C	+50°C	+60°C
MX1	16A	22.5	22	20.5	20	19.5	19	18.5	17.5	17	16	15	14.5	14
	20A	28	27.5	26.5	25.5	24.5	24	23	22	21	20	19.5	18.5	18
	25A	35	34	33	32	30.5	30	28	27	26	25	24	22.5	22
	32A	45	44	42	41	39	38	37	35	33	32	30.5	29	28
	40A	56	55	53	51	49	48	46	44	42	40	37	33.5	29
	50A	70	68.5	66	64	61	60	57.5	55	52.5	50	47.5	45	40
	63A	88	87	83	80	77	75	72	69	66	63	59	53	46
	80A	112	110	106	102	98	96	92	88	84	80	75	67	56
	100A	140	137	132	127	122	120	115	110	105	100	93	84	80
125A	175	172	165	159	153	150	144	137	131	125	116	105	91	
MX2	125A	175	172	165	159	153	150	144	137	131	125	118	106	96
	160A	224	220	212	204	196	192	184	176	168	160	152	136	120
	180A	252	247	238	229	220	216	207	198	189	180	171	157	144
	200A	280	275	265	255	245	240	230	220	210	200	190	175	166
	225A	315	309	300	288	276	270	259	247	236	225	213	196	180
	250A	350	343	332	319	306	300	287	275	262	250	237	225	212
MX3	250A	350	343	332	319	306	300	287	275	262	250	237	225	212
	315A	441	433	418	402	386	378	362	346	331	315	300	286	271
	350A	490	481	465	447	429	420	402	385	367	350	332	295	276
	400A	560	550	530	510	490	480	460	440	420	400	380	360	320
	500A	700	687	662	637	612	600	575	550	525	500	450	406	360
MX4	800A	1120	1100	1060	1020	980	960	920	880	840	800	760	696	640
	1000A	1400	1375	1325	1275	1225	1200	1150	1100	1050	1000	950	870	800
	1250A	1750	1718	1656	1594	1531	1500	1437	1375	1312	1250	1187	1088	1000
	1600A	2240	2200	2120	2040	1960	1920	1840	1760	1680	1600	1520	1390	1280

MX circuit breaker Type EN, EM and ENM: Rated operational current and temperature compensation coefficient table

		Ambient Temperature										
		Rated current	-25°C	-15°C	-5°C	0°C	+10°C	+20°C	+30°C	+40°C	+50°C	+60°C
MX2	32A	32	32	32	32	32	32	32	32	32	32	32
	63A	63	63	63	63	63	63	63	63	63	63	63
	100A	100	100	100	100	100	100	100	100	100	100	100
	160A	160	160	160	160	160	160	160	160	160	160	160
	250A	250	250	250	250	250	250	250	250	240	225	213
MX3	250A	250	250	250	250	250	250	250	250	250	250	250
	400A	400	400	400	400	400	400	400	400	380	360	340
	630A	630	630	630	630	630	630	630	630	600	570	540
MX4	800A	800	800	800	800	800	800	800	800	800	800	800
	1000A	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
	1250A	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250	1250
	1600A	1600	1600	1600	1600	1600	1600	1600	1600	1520	1440	1360

Note: Individual specifications of products need to be derated at a temperature of 50°C and above (parameters refer to the table), and, needs to be adjusted to the corresponding gear.

For example:

MX2 EN 250A 3P products are used at 70°C. The product needs to be derated to 213A, and the I_n position is adjusted to 0.8 I_n position.

MX2 EM 250A 3P product is used at 70°C. The product should be derated to 213A, and the I_n position should be adjusted to 213A.