

Setting Parameters For MCCB With LCD



iSGM6E-400



iSGM6E-630



iSGM6E-800

Frame size	400A		630A		
Rated current In(A)	250	400	250	400	630
Ir(A)=Long delay current range	0.4-1.0xIn	0.4-1.0xIn	0.4-1.0xIn	0.4-1.0xIn	0.4-1.0xIn
Ir(A)=Long delay current setting	100-250A with increment by 1A	160-400A with increment by 1A	100-250A with increment by 1A	160-400A with increment by 1A	252-630A with increment by 1A
tr(S)=Long delay time	12-150sec with increment by 1 sec+OFF	12-150sec with increment by 1 sec+OFF	12-150sec with increment by 1 sec+OFF	12-150sec with increment by 1 sec+OFF	12-150sec with increment by 1 sec+OFF
I _{sd} (A)=Short circuit protection of low level faults.	200-3000A with increment by 1A	320-4800A with increment by 1A	200-3000A with increment by 1A	320-4800A with increment by 1A	500-7560A with increment by 1A
tsd(S)=short time	0.06-1sec with increment by 0.02 sec+OFF	0.06-1sec with increment by 0.02 sec+OFF	0.06-1sec with increment by 0.02 sec+OFF	0.06-1sec with increment by 0.02 sec+OFF	0.06-1sec with increment by 0.02 sec+OFF
I _i (A)=Short circuit protection of high level faults	400-3500A with increment by 1A+OFF	640-5600A with increment by 1A+OFF	400-3500A with increment by 1A+OFF	640-5600A with increment by 1A+OFF	1000-8820A with increment by 1A+OFF
I _p (A)=Pre trip alarm setting multiple	70-250A with increment by 1A	112-400A with increment by 1A	70-250A with increment by 1A	112-400A with increment by 1A	175-630A with increment by 1A
For 4P I _g (A)=Ground fault pickup current	50-250A with increment by 1A+OFF	80-400A with increment by 1A+OFF	50-250A with increment by 1A+OFF	80-400A with increment by 1A+OFF	126-630A with increment by 1A+OFF
For 4P t _g (S)=Ground fault pickup time	Fixed for 0.4 sec	Fixed for 0.4 sec	Fixed for 0.4 sec	Fixed for 0.4 sec	Fixed for 0.4 sec

Setting Parameters For MCCB With LCD



iSGM6E-400



iSGM6E-630



iSGM6E-800

Frame size	800A	
Rated current In(A)	630	800
I _r (A)=Long delay current range	0.4-1.0xI _n	0.4-1.0xI _n
I _r (A)=Long delay current setting	252-630A with increment by 1A	320-800A with increment by 1A
t _r (S)=Long delay time	12-150sec with increment by 1 sec+OFF	12-150sec with increment by 1 sec+OFF
I _{sd} (A)=Short circuit protection of low level faults.	500-7560A with increment by 1A	650-8000A with increment by 1A
t _{sd} (S)=short time	0.06-1sec with increment by 0.02 sec+OFF	0.06-1sec with increment by 0.02 sec+OFF
I _i (A)=Short circuit protection of high level faults	1000-8820A with increment by 1A+OFF	1300-9600A with increment by 1A+OFF
I _p (A)=Pre trip alarm setting multiple	175-630A with increment by 1A	228-800A with increment by 1A
For 4P I _g (A)=Ground fault pickup current	126-630A with increment by 1A+OFF	160-800A with increment by 1A+OFF
For 4P t _g (S)=Ground fault pickup time	Fixed for 0.4 sec	Fixed for 0.4 sec

Applicable frame size	Poles	Outline Dimension				Installation Dimension		
		L1	L2	L3	L4	a	b	d
SGM1E-100	3	92max	150max	110max	92max	30max	132max	Ø4.5
	4	122max	150max	110max	92max	60max	132max	Ø4.5
SGM1E-160	3	92max	150max	110max	92max	30max	132max	Ø4.5
	4	122max	150max	110max	92max	60max	132max	Ø4.5
SGM1E-250	3	107max	165max	110max	90max	35max	144max	Ø5.0
	4	142max	165max	110max	90max	70max	144max	Ø5.0
SGM6E-400 iSGM6E-400	3	150max	257max	148max	111max	48max	194max	Ø7.0
	4	198max	257max	148max	111max	48max	194max	Ø7.0
SGM6E-630 iSGM6E-630	3	150max	257max	148max	111max	48max	194max	Ø7.0
	4	198max	257max	148max	111max	48max	194max	Ø7.0
SGM6E-800 iSGM6E-800	3	210max	280max	155max	121max	70max	243max	Ø7.0
	4	254max	280max	155max	121max	70max	243max	Ø7.0

