A list of standard models

Functions		GMP22/40			GMP60				GMP80	
		2P/ 2PD/ 2PA 2T/2S	3P/3T/3S	3PR/3TR /3SR	T/TE/TA	TD/TDa	3T/3TR, 3S/3SR	3TZ/3TZR, 3TN/3TNR, 3SZ/3SZR, 3SN/3SNR	2S/2SA	3S/3SR
Control power	AC	110/220 100~260V	100~260V	100~260V	24/48/110/ 220/380 180~480V 110/220V	110/220V	100~260V	100~260V	100~260V	100~260V
	DC	-	-	-	-	-	-	-	-	-
	Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
	Single phase	-	-	-	-	-	-	-	-	-
	Three-phase	●	●	●	●	●	●	●	●	●
CT connection	External tunnel type	-	-	-	-	-	-	-	-	-
	Internal tunnel type	●(T)	●(T)	●(T)	●(T)	●(T)	●(T)	●(T)	-	-
	Screw type	●(S)	●(S)	●(S)	-	-	●(S)	●(S)	●(S)	●(S)
	Pin type	●(P)	●(P)	●(P)	-	-	-	-	-	-
Protection functions (Current)	Overcurrent	●	●	●	●	●	●	●	●	●
	Undercurrent	-	-	-	-	●(a)	-	-	-	-
	Stall	●	●	●	●	●	●	●	●	●
	Jam	●	●	●	●	●	●	●	●	●
	Current phase failure	●	●	●	●	●	●	●	●	●
	Current reverse phase	-	-	●(R)	-	-	●(R)	●(R)	-	●(R)
	Current phase unbalance	-	●(3)	●(3)	-	-	●(3)	●(3)	-	●(3)
	Ground fault(zero phase current)	-	-	-	-	-	-	●(Z)	-	-
	Instant short circuit	-	-	-	-	-	-	-	-	-
	Heat accumulation inverse time	●	●	●	-	-	-	-	●	●
	Definite time	●(D)	-	-	●	●(D)	●	●	-	-
	Ground fault (residual current)	-	-	-	-	-		●(N)	-	-
	Selective ground fault	-	-	-	-	-	-	-	-	-
Protection functions (Voltage)	Overvoltage	-	-	-	-	-	-	-	-	-
	Undervoltage	-	-	-	-	-	-	-	-	-
	Voltage phase failure	-	-	-	-	-	-	-	-	-
	Voltage phase unbalance	-	-	-	-	-	-	-	-	-
	Overvoltage reverse phase	-	-	-	-	-	-	-	-	-
	Overvoltage ground fault	-	-	-	-	-	-	-	-	-
Protection functions (Power)	Overpower	-	-	-	-	-	-	-	-	-
	Underpower	-	-	-	-	-	-	-	-	-
	Over power factor	-	-	-	-	-	-	-	-	-
	Under power factor	-	-	-	-	-	-	-	-	-
Additional Function	Insulation Resistance	-	-	-	-	-	-	-	-	-
	Motor Temperature	-	-	-	-	-	-	-	-	-

Electronic Motor Protection Relays

	DMPi				IMP	MMP				IMC-III
	S/T	SZ/TZ SB/TB	SI/TI	SM/TM SA/TA		C	S	P	IR	
	AC/DC 85~260V	AC/DC 85~260V	AC/DC 85~260V	AC/DC 85~260V	AC/DC 85~245V	100~260V	100~260V	100~260V	100V	110/220V
						-	-	-	-	-
	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz	60Hz	50/60Hz
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	-	-	-	-	-	-	-	-	-	●
	●(T)	●(T)	●(T)	●(T)	●	●	●	●	●	-
	●(S)	●(S)	●(S)	●(S)	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	-	●(Z/B)	-	-	●	●	●	●	●	-
	-	-	●(I)	-	●	●	●	●	●	-
	●	●	●	●	●	●	●	●	●	●
	-	-	-	-	-	●	●	●	●	●
	●	●	●	●	-	●	●	●	●	-
	-	-	-	-	-	-	●	-	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	●	-	-	-
	-	-	-	-	-	-	-	●(Alarm)	-	-
	-	-	-	-	-	-	-	●(Alarm)	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	-	●	-	-
	-	-	-	-	-	-	-	-	●	-
	-	-	-	-	-	-	-	-	●	-

A list of standard models

Functions		GMP22/40			GMP60				GMP80	
		2P/ 2PD/ 2PA 2T/2S	3P/3T/3S	3PR/3TR /3SR	T/TE/TA	TD/TDa	3T/3TR, 3S/3SR	3TZ/3TZR, 3TN/3TNR, 3SZ/3SZR, 3SN/3SNR	2S/2SA	3S/3SR
Display	Phase current	-	-	-	-	-	-	-	-	-
	Ground current	-	-	-	-	-	-	-	-	-
	Active/Reactive Power	-	-	-	-	-	-	-	-	-
	Electric energy	-	-	-	-	-	-	-	-	-
	Insulation Resistance	-	-	-	-	-	-	-	-	-
	Motor Temperature	-	-	-	-	-	-	-	-	-
	Total running time	-	-	-	-	-	-	-	-	-
	Display failure cause	-	-	-	-	●(a)	-	-	-	-
	Save failure cause	-	-	-	-	●(a)	●	●	-	-
	Display load factor	-	-	-	-	-	-	-	-	-
	Display	-	-	-	-	4 digit 7-segment	-	-	-	-
Auxiliary function	Save failure cause	-	-	-	-	-	●(3T)	-	-	-
	Display alert	-	-	-	-	●	-	-	-	-
	Set return method	●(A)	-	-	●(A)	●(a)	-	-	●(A)	-
	Set date/Time information	-	-	-	-	-	-	-	-	-
	Set password	-	-	-	-	-	-	-	-	-
	Set/Save total running time	-	-	-	●	●(a)	-	-	-	-
	Set operating characteristics	-	-	-	-	-	-	-	-	-
	Save fault wave	-	-	-	-	-	-	-	-	-
	Self-test	-	-	-	-	-	-	-	-	-
	Restart limit	-	-	-	-	-	-	-	-	-
	Select starting method	-	-	-	-	-	-	-	-	-
	Built-in ZCT	-	-	-	-	-	-	-	-	-
	Selective ground protection setting	-	-	-	-	-	-	-	-	-
	On/Off switch	-	-	-	-	-	-	-	-	-
	Electric energy pulse output(4~20mA)	-	-	-	-	-	-	-	-	-
Communication function	4~20mA output	-	-	-	-	-	-	-	-	-
	MODBUS RS-485	-	-	-	-	-	-	-	-	-

Electronic Motor Protection Relays

	DMPi				IMP	MMP				IMC-III
	S/T	SZ/TZ SB/TB	SI/TI	SM/TM SA/TA		C	S	P	IR	
	●	●	●	●	-	●	●	●	●	●
	-	-	-	-	-	●	●	●	●	●
	-	-	-	-	-	●	●	●	-	-
	-	-	-	-	-	●	●	●	-	-
	-	-	-	-	-	-	-	-	●	-
	-	-	-	-	-	-	-	-	●	-
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	-	●	●	●	●	●
	●	●	●	●	-	●	●	●	●	●
	●	●	●	●	-	-	-	-	●	●
	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment	4 digit 7-segment
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	-
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	-
	●	●	●	●	●	●	●	●	●	-
	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●	●	●	●	●	●
	-	-	-	-	-	●	●	●	●	-
	-	-	-	-	-	●	●	●	●	●
	-	-	-	-	-	●	●	●	-	●
	-	-	-	-	-	●	●	●	-	-
	-	●(B)	-	-	-	-	●	-	●	-
	-	-	-	-	-	●	●	●	-	-
	-	-	-	-	-	●	●	●	-	●
	-	-	-	●(A)	-	●	●	●	-	-
	-	-	-	●(A)	●	●(M)	●(M)	●(M)	●	●(A420)
	-	-	-	●(M)	●	●(M)	●(M)	●(M)	●	●(M485)