

Ordering

Metasol

ACB & Accessories

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Type	Ampere * Frame		Frame sizes & phase array		No. of pole		Rated current ** (CT Spec.)		Connections		
Circuit Breakers									Draw-out type ***		
AN	06	630AF	D	630~2000AF	3	3P(D)	00	Without OCR & CT		J	Manual connection
AS	08	800AF		3P/4P Standard RST(N)	4	4P(D, W)		02	200A		
Switch Disconnector	AS	10		1000AF	630~2000AF			04	400A	Fixed type	
	AS	13		1250AF				4P Reverse phase type (N)RST	06		
	AS	16	1600AF			08	800A		V	Vertical type	
	AS	20	2000AF					10	1000A	M	Mixed type
				13	1250A			Horizontal			
						16	1600A	Vertical			
						20	2000A	Mixed type			
						25	2500A	Horizontal			
						32	3200A	Vertical			
						40	4000A	Front type			
						40	4000A				
						50	5000A				
						63	6300A				

* 2000AF only offers with vertical type mounting terminals (Busbar).

* 4000AF only offers with vertical type mounting terminals (Busbar).

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* AN type: 630~1600AF
 AS type: 630~2000AF, 2000~4000AF, 4000~5000AF, 4000~6300AF
 ** AN type offers rated current of 1600A when choosing 630~1600AF
 *** Please, refer to cradle installation instruction for draw-in/out types. (p.119~124)

Note) 1. AS-20D, AS-40E types are equipped with vertical-only terminals.
 In case of F/Y/G/Z Frame size, front type & mixed type connection is not available.
 2. In case of DN/DS type Switch Disconnector, the rated current (CT Spec.) will be applied 00 (without OCR & CT)
 3. For the busbar installation method of draw-out type, please refer to the connection type of cradle which describes in page 20
 4. Front connection terminals should be purchased separately (see Page 68).

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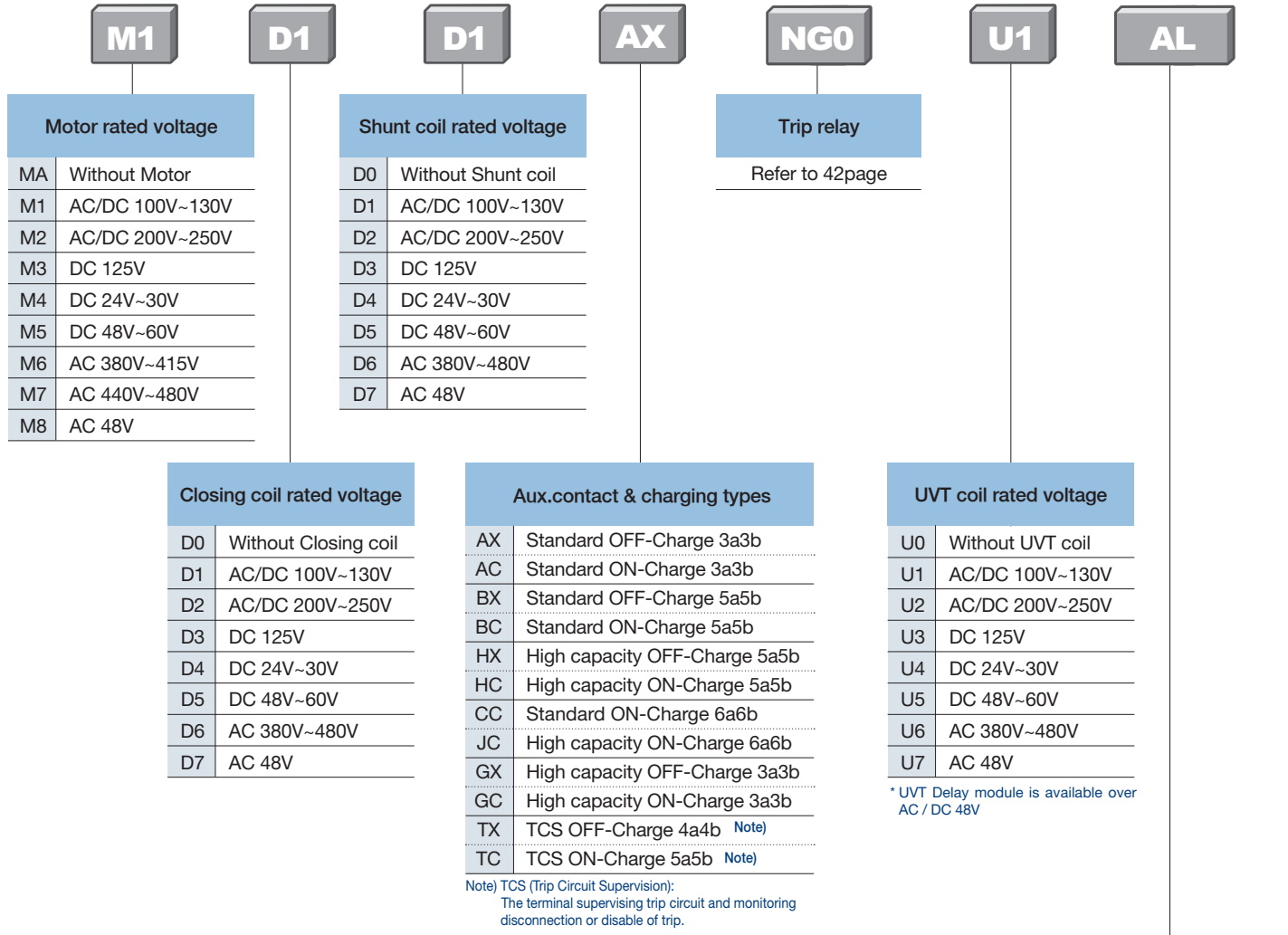
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Earthing product	Ampere * Frame		Frame sizes & phase array		No. of pole		Rated current ** (CT Spec.)		Connections	
	20	2000AF	D	RST(N)	3	3P			U	Line earthed system
			W	Reverse NRST	4	4P			L	Load earthed system
	40	4000AF	E	RST(N)						
			X	Reverse NRST						

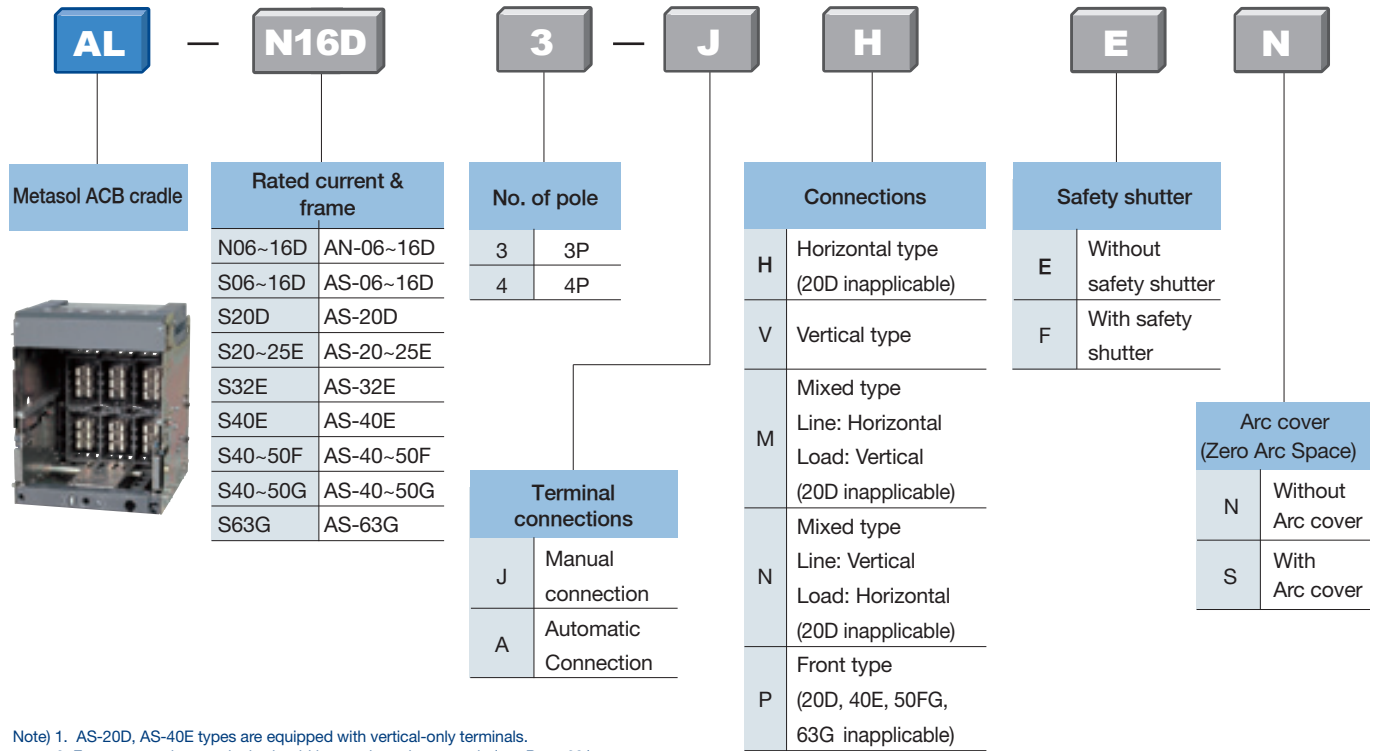
* Rated short-circuit withstand current of the protective circuit in earthing product : 60kA/1s

* Please contact us to get more detail information of earthing product.

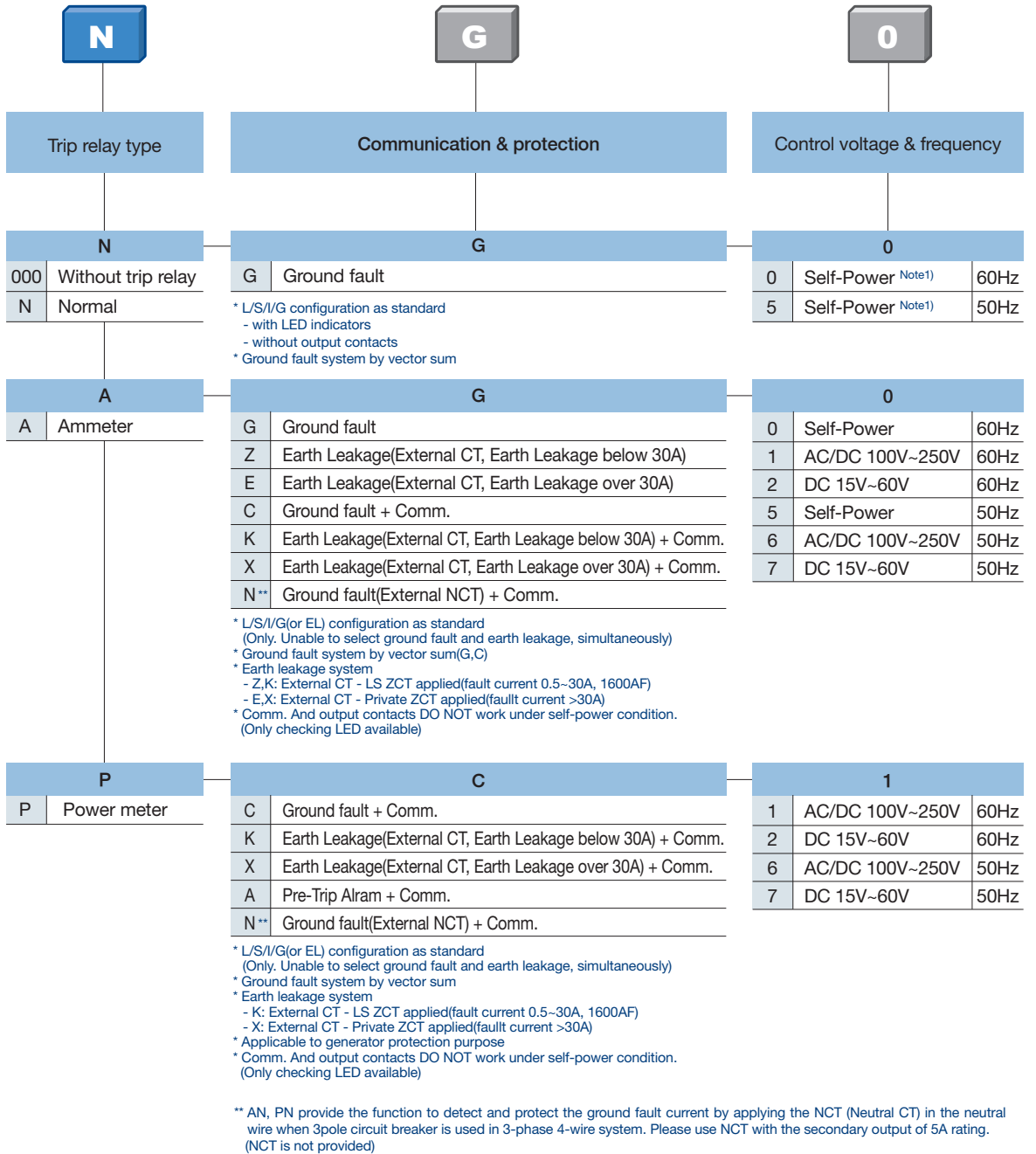


Option	Type name	Option	Type name
AL	AL1+MRB	B	B On/Off Button lock
A1	AL1+MRB+RES (AC110~130V)	M	MI Mechanical interlock
A2	AL1+AL2+MRB	D	DI or MOC Door Interlock or MOC (Mechanism operated cell switch)
A3	AL1+MRB+RES (DC110~125V)		
A4	AL1+MRB+RES (AC200~250V)	K	K1 Key lock
A5	AL1+MRB+Auto reset	K2	K2 Key Interlock set
A6	AL1+AL2+MRB+Auto reset	K3	K3 Key lock double
A7	AL1+MRB+RES (DC110~125V)+Auto reset	R	RCS Ready to close switch
A8	AL1+MRB+RES (AC200~250V)+Auto reset	T	TM Temperature monitoring
A9	AL1+MRB+RES (AC110~130V)+Auto reset	H1~H7	SHT2 AC/DC 100~130V AC/DC 200~250V DC 125V DC 24~30V DC 48~60V AC 380~480V AC 48V Double shunt coil
Y2	AL1+AL2+MRB (2b contact)		
Y6	AL1+AL2+MRB+Auto reset (2b contact)		
Z2	AL1+AL2+MRB (1a1b contact)		
Z6	AL1+AL2+MRB+Auto reset (1a1b contact)		
C	C Counter		
S	CS2 Charge switch communication		

Note) 1. Reduplicate of AL is not available
 2. Reduplicate of Key lock is not available
 3. Reduplicate of Double shunt coil is not available. It can not be used simultaneously with UVT.
 4. RCS and CS2 cannot be used simultaneously
 5. TM and auxiliary contacts TX, TC, CC, JC cannot be used simultaneously.
 6. MI cannot be used simultaneously with DI or MOC



Note) 1. AS-20D, AS-40E types are equipped with vertical-only terminals.
 2. Front connection terminals should be purchased separately (see Page 68.)



Note) 1. L/S//G(or EL) configuration as standard (Only. Unable to select ground fault and earth leakage, simultaneously)
 2. Ground fault, earth leakage and pre-trip alarm functions are alternative.
 3. The functions like Metering, Communication, ZSI, Remote reset and Digital output are NOT available only under Self-power condition.
 4. Voltage module should be required for P types purchased separately