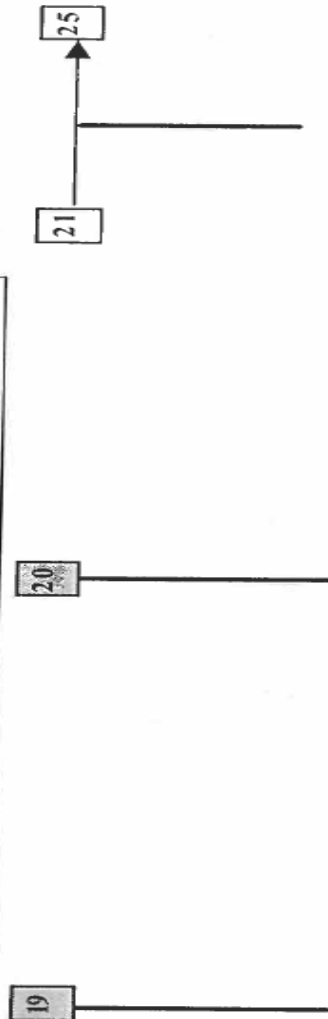


Masterpact Breaker Cat. Numbering System Based on PLS007



Accessory Combinations

Character	2	3	4	5	6	7	8	9
Ready to Close switch	X			X	X	X	X	X
Additional 1 form C Trip Alarm Switch		X		X	X	X		
Mechanical Operations counter			X		X	X	X	
None								X

Locking in Open position

Char.	Meaning
A	Padlock Provision
M	Padlock and 1 Kirk lock
P	Padlock and 2 Kirk locks
Q	Padlock and 1 Ronis lock
R	Padlock and 2 Ronis locks
S	Padlock and 1 Fed. Pioneer lock
T	Padlock and 2 Fed. Pioneer locks
U	Padlock and 1 Profalux lock
V	Padlock and 2 Profalux locks
W	Padlock and 1 Castell lock
Y	Padlock and 2 Castell locks
N	None

For the Special Options (Position 21 through 25). These are optional characters, use them if the options are applicable (5 maximum characters). Must follow alphabet sequence. Example: AC/ EFG/ CFGW/ ACEFG. If more than 5 characters are required, a new combination character will be created.

Char.	Meaning	Char.	Meaning
A	Self Protection Alarms Only	L	4 pole breaker with left neutral
C	CT's characterization	M	4 pole breaker with right neutral
E	Push button electrical close	N	4 pole double neutral wiring
F	2 keylocks keyed different	P	Padlockable pushbutton cover
G	Gold flashed trip alarm switch	R	Automatic reset
	And/or auxiliary contacts	V	External voltage sensing wiring
K	2 keylocks keyed alike		

Masterpact Breaker Cat. Numbering System Based on PLS007

9

Position 9

Rating Plug

Char.	Meaning
A	UL Plug "A"
B	UL Plug "B" (1)
C	UL Plug "C" (2)
D	UL Plug "D"
E	UL Plug "E"
F	UL Plug "F" (3)
G	UL Plug "G" (4)
H	UL Plug "H"
N	No Plug needed
P	IEC "OFF" Plug
R	IEC Std. Plug
S	IEC Low Plug
T	IEC High Plug
X	IEC "X" Plug
Y	IEC "Y" Plug
Z	IEC "Z" Plug

11

Electrical Accessories

Pos. #	Option	12 Vdc	24-30 Vac/dc	48-60 Vac/dc	100-130 Vac/dc	200-240 Vac/dc	277 Vac	380-415 Vac	380-480 Vac	400-480 Vac	480 Vac	500-550 Vac	None
12	Spring charging motor	-	-/C	D/E	F/G	H/J	K	L	-	P	R	-	N
13	Shunt trip	A	B/C	D/E	F/G	H/J	K	-	M	-	-	T	N
14	Closing coil	A	B/C	D/E	F/G	H/J	K	-	M	-	-	T	N
15	2 nd shunt trip	A	B/C	D/E	F/G	H/J	K	-	M	-	-	T	N
16	Electric reset	-	-	-	F/-	H/-	-	-	-	-	-	-	N

12

18

Position 17 (must choose one)

Char.	Option	24-30 Vac/dc	48-60 Vac/dc	100-130 Vac/dc	200-240 Vac/dc	380-480 Vac	500-550 Vac	None
A	Instantaneous undervoltage coil	B/C	D/E	F/G	H/J	M	T	-
B	Adjustable time-delayed undervoltage		D/E	F/G	H/J	M	-	-
C	Fixed time-delayed undervoltage			F/G	H/J	-	-	-
N	None							N

Position 18: Voltage rating (must choose one)

Position 11

Auxiliary Contacts and PCM

Char.	4 Form C B1 or 4 Form C B2	8 Form C B2	12 Form C B2
No PCM*	S	C (2)	D (12)
2 PCM*	F	G	H (1)
6 PCM*	K	L (2)	M (5)

Position 10

Communications

Char.	Communications Type
2	None
3	Modbus
4	DeviceNet
5	CAN
6	Profibus DP
7	Batbus
8	For future use
9	For future use

* PCM = Programmable Contact Module, 2PCM on breaker, 6PCM remote. Applicable with ELU/ELH/ELP trip units only.

Masterpact Breaker Cat. Numbering System Based on PLS007

Shaded areas mean must choose one

Position 1

Breaker Frame

Char.	Platform/Pole spacing	Frame Size (Max. Amps)
W	B1 - 70MM	800 / 1200 / 1600
Y	B2 - 115MM	3200 / 3000 / 4000
	B2 - 230MM	5000 / 6000 / 6300

Position 2

Standards

Brand	UL/CSA & NOM	ANSI	IEC 947-2
Square D	L	A	C
Merlin Gerin	G	N	M
Fed Pioneer	F	B	R
Fed Pacific	P	J	D

Position 3

Interrupting Rating

CHA RAC	UL/CSA/NOM	ANSI	IEC
1	N	65/6035	65/6550
2	N1	30/303NA	30/3036
3	H	100/10065	100/10065
4	H1	42/42NA	42/42NA
5	H2	65/65/65	65/65/65
6	H3	100/10065	100/10065
7	L	200/10065	200/10065
8	L1	200/150100	200/150100

* For 5000A and 6300A

** For 2500A, 3200A and 4000A

*** For 800A to 2000A and 2500A

Position 4

Frame Rating

Character	Frame Rating (A)	Applicable Standard
A	800	ANSI/UL/IEC
P	800 (250 A max)	ANSI/UL/IEC
B	1000	IEC
C	1200	UL
D	1250	IEC
E	1600	ANSI/UL/IEC
F	2000	ANSI/UL/IEC
G	2500	UL/IEC
H	3000	UL
J	3200	ANSI/IEC
K	4000	ANSI/UL/IEC
L	5000	ANSI/UL/IEC
M	6000	UL
N	6300	IEC

Position 5

Sensor Ampacity

Char	Ampacity
C	100
D	250
E	400
F	600
G	630 (IEC only)
H	800
U	1000 (IEC only)
J	1200
K	1250 (IEC only)
L	1600
M	2000
N	2500
P	3000
R	3200
S	4000
T	5000
W	6000
Y	6300 (IEC only)

Position 6 is the Terminations

Fixed or Drawout	Char.	Meaning
Fixed	V	2 hole RCT vertical
Fixed	H	2 hole RCT horizontal
Fixed	F	2 hole FCF
Fixed	T	11.75 inches FCT
Fixed	G	Orion 9.7 inches FCT
Fixed	B	4 hole RCT vertical
Fixed	J	4 hole RCT horizontal
Fixed	M	4 hole RCT vertical 6 pole
Fixed	A	4 hole RCT horizontal 6 pole
Fixed	P	4 hole FCF with 2 spiders
Fixed	S	4 hole FCT with 4 spiders
Fixed	E	4 hole RCT with heat sink 6 pole
Fixed	K	4 hole FCF with 2 spiders 6 pole
Fixed	N	None
Drawout	R	Drawout breaker

Position 7

Position 8

Tripp unit type	Cat. #	Protection type	Char. on pos. 7	Char. on pos. 8
ELS (130)	2.0	LSO (L=U for IEC)	3	1
	5.0	LSI	3	2
	3.0A	U	4	3
ELA (140)	2.0A	LSO (L=U for IEC)	4	1
	5.0A	LSI	4	2
	8.0A	LSIG	4	3
	7.0A	LSIV	4	4
ELU (160)	5.0P	LSI	6	5
	6.0P	LSIG	6	3
	7.0P	LSIV	6	4
ELH (170)	5.0H	LSI	7	5
	6.0H	LSIG	7	3
	7.0H	LSIV	7	4
ELP (180)	5.0Q	LSI	8	5
	6.0Q	LSIG	8	3
	7.0Q	LSIV	8	4
Non-automatic switch		none	N	N
Automatic switch		Inst. override	S	S
Without trip unit		none	W	W