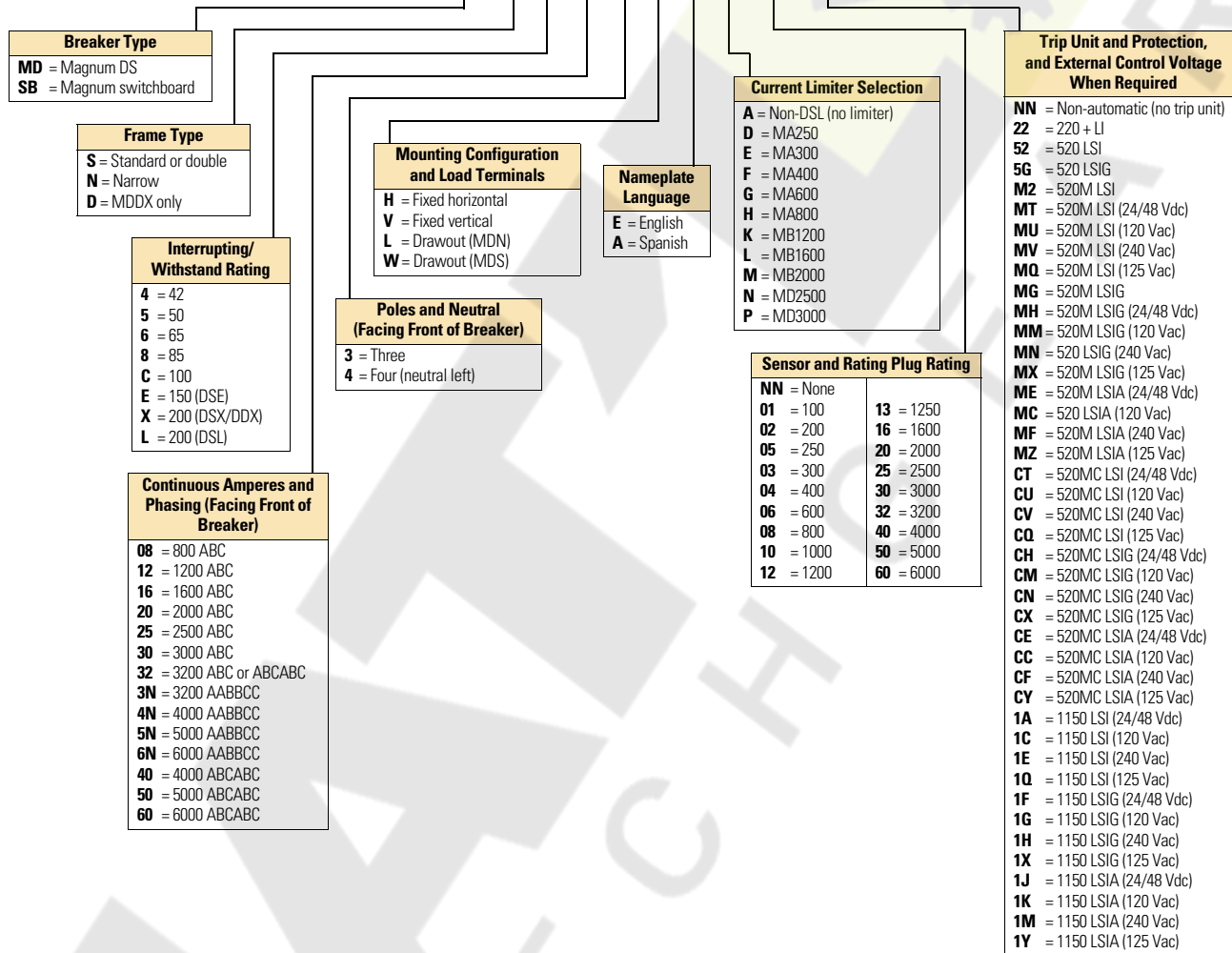


Catalog Number Selection

Magnum DS ANSI Breaker Product Family

MD S 4 12 3 V E A 06 MU



3.1

Power Breakers, Contactors and Fuses

Power Circuit Breakers

Magnum DS ANSI Breaker Product Family, continued

3

A W C H N E H K L A X

Shunt Trip (ST)	
N	= None
A	= 110–127 Vac/Vdc
R	= 208–240 Vac/Vdc
C	= 24 Vdc
H	= 48 Vdc
B	= 110–127 Vac/Vdc (100% duty)
S	= 220–250 Vac/Vdc (100% duty)
D	= 24 Vdc (100% duty)
K	= 48 Vdc (100% duty)
J	= 60 Vdc (100% duty)
6	= 60 Vdc

Motor Operator	
M	= Manual operated
N	= 110–125 Vac (5-sec)
W	= 110–125 Vdc (5-sec)
T	= 220–250 Vdc (5-sec)
P	= 220–240 Vac (5-sec)
L	= 24 Vdc (5-sec)
K	= 48 Vdc (5-sec)
S	= 60 Vdc (5-sec)

Spring Release Device (SRD)	
N	= None
A	= 110–127 Vac/Vdc
R	= 208–240 Vac/Vdc
C	= 24 Vdc
H	= 48 Vdc
S	= 60 Vdc

Undervoltage Release (UVR) or 2nd Shunt Trip (ST)	
N	= None
A	= UVR (110–127 Vac)
R	= UVR (208–240 Vac)
C	= UVR (24 Vdc)
H	= UVR (48 Vdc)
D	= UVR (60 Vdc)
E	= UVR (110–125 Vdc)
F	= UVR (220–250 Vdc)
G	= UVR (32 Vdc)
X	= UVR (380–415 Vac)
J	= UVR (480 Vac)
K	= UVR (600 Vac)
1	= 2nd ST (110–127 Vac/Vdc)
2	= 2nd ST (208–250 Vac/Vdc)
3	= 2nd ST (24 Vdc)
4	= 2nd ST (48 Vdc)
6	= 2nd ST (60 Vdc)
B	= 2nd ST (110–127 Vac/Vdc 100% duty)
O	= 2nd ST (220–250 Vac/Vdc 100% duty)
I	= 2nd ST (24 Vdc 100% duty)
Q	= 2nd ST (48 Vdc 100% duty)
9	= 2nd ST (60 Vdc 100% duty)

Auxiliary Switch	
N	= None
2	= 2A/2B
4	= 4A/4B
6	= 6A/6B

Bell Alarms Switch (OTS) with 2a/2b Contacts and/or Mechanical Trip Indicator		
OTS 2a/2b	Trip Indicator	
E	= No OTS	No indicator
N	= No OTS	With indicator
Y	= With OTS	With indicator
M	= No OTS	With interlocked indicator
L	= With OTS	With interlocked indicator

Padlock Provisions for Blocking Close and/or Open ACB Manual Pushbuttons	
N	= None
M	= Metal (block close and open)
P	= Plastic (block close and open)
C	= Metal (block close only)
H	= Plastic (block close only)
S	= Metal swbd lock-off (block close, depress open)

Operations Counter and/or Keylock Provisions		
	Counter	Keylock Provisions
N	= No counter	No locks
K	= No counter	Kirk lock
C	= No counter	Castell lock
R	= No counter	Ronis lock
S	= No counter	CES lock
A	= Counter	No lock
Y	= Counter	Kirk lock
L	= Counter	Castell lock
H	= Counter	Ronis lock indicator
E	= Counter	CES lock

Latch Check Switch/Trip Unit Metering Voltage Connection for Digitrip 1150 Trip Unit		
	Latch Check Switch	1150 Voltage Connection
N	= None	Upper terminals
M	= None	Lower terminals
L	= LCS wired to SRD	Upper terminals
Y	= LCS Wired to SRD	Lower terminals
C	= LCS Wired External	Upper terminals
D	= LCS Wired External	Lower terminals

Breaker Shipping Options and Instructions	
A	= Fixed breaker alone with door kit
F	= Fixed breaker alone without door kit
A	= Drawout breaker alone without door frame kit
C	= Drawout breaker in cassette (un-wired)
P	= Drawout breaker in cassette (shutters)
S	= Drawout breaker in cassette (shutters)
W	= Drawout breaker in cassette (pre-wired and shutters)
Double frame drawout breakers ship without cassette drawout. ACBs ship in narrow and universal cassettes only.	

Frame Use	
X	= All breakers