

General information Catalog number explanation

PSS Open type

PSS - 18/30 - 500 - F ^③

Maximum motor current
when connected in-line

Maximum motor current
when connected inside delta

Control voltage

F - 100V – 120V, 50/60Hz
L - 220V – 240V, 50/60Hz

Line voltage

500: 208V – 500V
690: 575V – 690V

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PSS Enclosed type

P 18 D F 1 - 48 A A

Soft starter
PSS enclosed

Softstarter amps
18 60 175
30 72 250
37 85 300
44 105
50 142

Connection type
L: Inline
D: Inside delta

Combination type
No digit – non-combination
F – fusible disconnect
B – thermal magnetic circuit breaker
M – magnetic only breaker
N – non-fusible disconnect

Enclosure
1 – NEMA 1
2 – NEMA 12 ^②
3 – NEMA 3R ^②
4 – NEMA 4 ^②
X – NEMA 4x stainless steel ^②

Options ^①

A – Start-stop pushbutton
B – Across the line rated (AC3) contactor with emergency bypass control
C – 2 position selector switch
D – 3 position selector switch
E – Pilot light
F – Start-stop pushbutton and pilot light
H – 2 position selector switch and pilot light
J – 3 position selector switch and pilot light
M – Shunt rated (AC1) bypass contactor
W – Isolation contactor

Fuse clip

A – 30A, 600V, Class J
B – 60A, 600V, Class J
C – 100A, 600V, Class J
D – 200A, 600V, Class J
E – 400A, 600V, Class J
F – 600A, 600V, Class J
G – 800A, 600V, Class L

Circuit breaker amp ratings

D – 15 M – 70 W – 225 E – 700
E – 20 N – 80 X – 250
F – 25 P – 90 Y – 300
G – 30 R – 100 Z – 350
H – 35 S – 125 A – 400
J – 40 T – 150 B – 450
K – 50 U – 175 C – 500
L – 60 V – 200 D – 600

MCP/MAG only rating

A – 3 E – 50 J – 400
B – 5 F – 100 K – 600
C – 10 G – 150 L – 800
D – 25 H – 225

Line voltage

20: 208V 120V control voltage
23: 230V 120V control voltage
38: 380V 220V control voltage
41: 415V 220V control voltage
48: 480V 120V control voltage
60: 600V 120V control voltage

^① For more options, see page 6.8
^② Bypass contactor required.
^③ See page 6.3 for the PSS03, PSS12 & PSS25 softstarters.