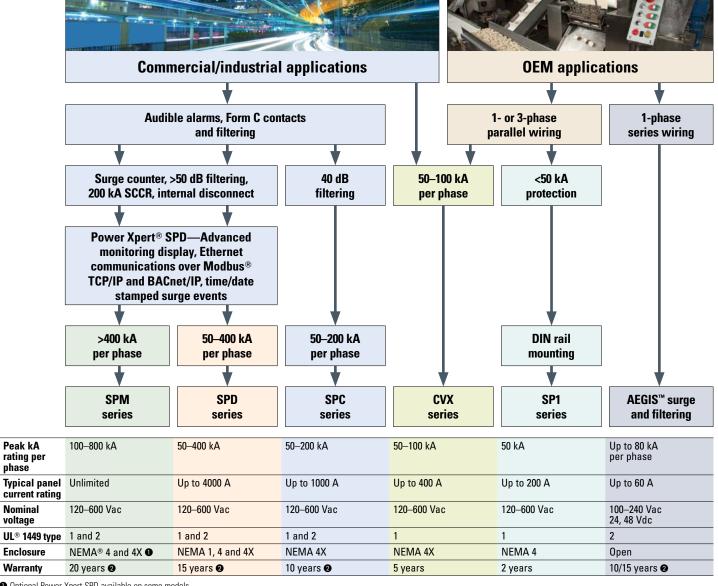
Surge protection



- Optional Power Xpert SPD available on some models.
- 2 With online registration.







SPD series



SPC series



CVX series



SP1 series



AEGIS series





Flagship line offering superior protection, a wide range of features and industry-leading safety.





050 = 50 kA per phase 080 = 80 kA per phase

100 = 100 kA per phase 120 = 120 kA per phase

160 = 160 kA per phase 200 = 200 kA per phase 250 = 250 kA per phase

300 = 300 kA per phase 400 = 400 kA per phase

230L = 230 single-phase 240S = 120/240 single split-phase

208Y = 120/208 wye (4W + G)220Y = 127/220 wye (4W + G)

400Y = 230/400 wye (4W + G)480Y = 277/480 wye (4W + G)

600Y = 347/600 wye (4W + G)240D = 240 delta (3W + G) 480D = 480 delta (3W + G)

600D = 600 delta (3W + G)

240H = 240 delta high leg (4W + G) on 'B' phase

K = NEMA 1 enclosure

= NEMA 1 flushmount enclosure = NEMA 1 enclosure with

internal disconnect = NEMA 4 enclosure

= NEMA 4 enclosure with internal disconnect

= NEMA 4X enclosure (stainless steel)

Q = NEMA 4X enclosure with internal disconnect (stainless steel)

1 = Basic 1

2 = Standard 00

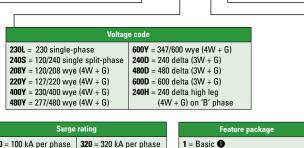
3 = Standard + surge counter 123

4 = Power Xpert SPD 1234

SPM series Innovative safety features with high surge ratings and redundant/field-changeable surge modules.







100 = 100 kA per phase	320 = 320 kA per phase
120 = 120 kA per phase	400 = 400 kA per phase
160 = 160 kA per phase	500 = 500 kA per phase
200 = 200 kA per phase	600 = 600 kA per phase

250 = 250 kA per phase | **800** = 800 kA per phase **300** = 300 kA per phase

- 3 = Standard + surge counter 123
- 4 = Power Xpert SPD **12346**

Enclosure

- R = NEMA 4 steel enclosure with disconnect and one module 3
- S = NEMA 4 steel enclosure with disconnect and two modules
- T = NEMA 4 steel enclosure with terminal block and one module 3
- U = NEMA 4 steel enclosure with terminal block and two modules
- V = NEMA 4X stainless steel enclosure with disconnect and one module
- W = NEMA 4X stainless steel enclosure with disconnect and two modules
- X = NEMA 4X stainless steel enclosure with terminal block and one module Y = NEMA 4X stainless steel enclosure with terminal block and two modules
- Dual-colored protection status indicators for each phase and neutral-ground protection mode.
- Audible alarm with silence button, Form C relay contact and EMI/RFI filtering.
- 3 Surge counter with reset button.
- 4 Power Xpert SPD with advanced monitoring display and communication capabilities. Not available with NEMA 4X enclosure.
- R and T suffix SPM series with Power Xpert SPD option are available in NEMA 1 enclosures only.
- SP1MNTGKIT = optional wall or DIN rail mounting kit (order separately—not included with SP1 unit).

SPC series

kA ratino

050 = 50 kA per phase

080 = 80 kA per phase

100 = 100 kA per phase

120 = 120 kA per phase

150 = 150 kA per phase

160 = 160 kA per phase

200 = 200 kA per phase

Voltage code

120N = 120 V single-phase (2W +G)

240N = 240 V single-phase (2W +G)

277N = 277 V single-phase (2W +G)

480N = 480 V single-phase (2W +G)

240D = 240 V delta (3W + G)

480D = 480 V delta (3W + G)

600D = 600 V delta (3W + G)

208Y = 120/208 V wye (4W + G)

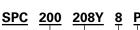
415Y = 240/415 V wye (4W + G)480Y = 277/480 V wye (4W + G)

600Y = 347/600 V wye (4W + G)

240S = 120/240 V split-phase (3W +G)

240H = 240 V high leg delta (4W + G)

Value line offering solid protection for many applications.





P = NEMA 4X

Features	
Options	SPD application
1 = No options (standard configuration) 2 = Filtering, UL 1283 7th Edition 3 = Audible alarm 4 = Form C relay 5 = Audible alarm and Form C relay 6 = Filtering and audible alarm 7 = Filtering and Form C relay	Type 1 Type 2 Type 1 Type 1 Type 1 Type 1 Type 2 Type 2
8 = Filtering, audible alarm and Form C relay	Type 2

Available optional equipment	Catalog number	
Flushmount plate for P1 enclosure	FLUSHMNTPLATE13	
Flushmount plate for P2 enclosure	FLUSHMNTPLATE14	

CVX series

100 = 100 kA

Branch circuit and control panel protection.





050 = 50 kA

230L = Single-phase—200, 208, 220, 230, 240, 277

480L = Single-phase-480

240S = Split-phase-100/200, 110/220, 120/240

240H = Three-phase high leg delta—120/240

208Y = Three-phase wye (star)—100/174, 110/190, 120/208, 127/220 480Y = Three-phase wye (star)—220/380, 230/400, 240/415, 277/480

600Y = Three-phase wye (star)—305/525, 347/600

240D = Three-phase delta-200, 208, 220, 230, 240

480D = Three-phase delta—380, 400, 415, 440, 480 600D = Three-phase delta-525, 600 (600D available in 50 kA only)

SP1 series o **Basic** protection

SP1 – 240S



Voltage code			
240S = 120/240 single	480Y = 277/480 wye	480D = 480 delta	
split-phase	600Y = 347/600 wye	600D = 600 delta	
208Y = 120/208 wve	240D = 240 delta		

Note: For AEGIS information, see the documentation tab at Eaton.com/aegis. For DIN rail OEM surge offering, please



reference our OEM surge guide PA158009EN.

For more information on Eaton's surge products, go to

Eaton.com/spd



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To contact our surge technical team. call Eaton's Technical Resource Center at 1.800.809.2772, option 5, option 2 or email us at spd@eaton.com.

