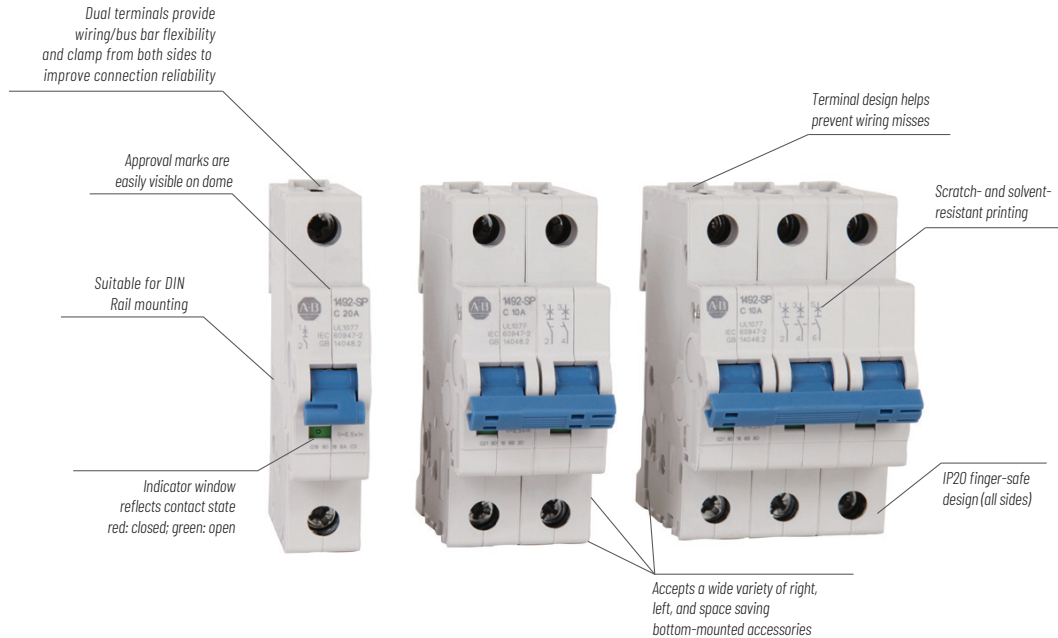


# 1492-SP Supplementary Protectors



Bulletin 1492-SP thermal magnetic Supplementary Protectors provide overcurrent protection for equipment where branch circuit protection is already provided, or is not required. These devices are also Miniature Circuit Breakers as defined by IEC Standards.

These supplementary protectors are offered as a broad portfolio of pole variants, current ratings, and trip curves to match the appropriate level of protection for your application. They may be used with UL 508 Listed bus bars for convenience in panel assembly, a wide range of left-, right- and space saving bottom-mount accessories, and lock out attachments for safety during maintenance.

- Current limiting
- Fast breaking time
- Existing installations can be easily upgraded to include an auxiliary using the bottom mounted auxiliary contact options, which require no DIN Rail space
- 40 °C calibration temperature (UL/CSA) eliminates need to derate for 508A industrial control panel installations
- Installation of up to six accessories on the same circuit breaker
- Dual terminals provide a more secure connection of up to four wires, or two wires and a bus bar
- Superior shock and vibration resistance to prevent nuisance tripping
- Terminal design helps prevent wiring misses by directing wires into the terminal openings, even while tightening
- Reversible line and load connections
- Single and multi-pole toggle mount lock out attachments available for Lockout/Tagout (LOTO)
- RoHS compliant and fully-recyclable device
- Suitable for extreme ambient conditions

1492-SP Supplementary Protectors	
<b>Rated Voltage</b>	UL/CSA: Max. 480Y/277V AC IEC: $U_e$ 230/400V AC
<b>Interrupting Capacity</b>	UL/CSA: 5...10 kA IEC: 15 kA
<b>Current Ratings</b>	0.5...63 A
<b>Poles</b>	1, 2, 3, 1+N, 3+N
<b>Trip Curves</b>	B, C, D
<b>Standards Compliance</b>	UL 1077 CSA C22.2 No. 235 EN 60947-2 GB 14048.2
<b>Certifications</b>	UL Recognized, File No. E65138 <sup>(1)</sup> CSA Certified, File No. 259391 <sup>(1)</sup> DNV GL Type Approval CE Marked CCC Certified VDE Certified RoHS Compliant
<sup>(1)</sup> 1+N and 3+N devices are not UL recognized or CSA certified.	

# Catalog Number Explanation

Examples given in this section are for reference purposes. This basic explanation should not be used for product selection; some combinations may not produce a valid catalog number.

1492 - **SPM** **1** **C** **010** **N**  
                   a      b      c      d      e

a

Voltage Type	
Code	Description
SPM	AC Supplementary Protector

b

Poles	
Code	Description
1	1-Pole
2	2-Pole
3	3-Pole

c

Trip Curve	
Code	Description
B	Trip Curve B
C	Trip Curve C
D	Trip Curve D

d


Rated Current ( $I_n$ )	
Code	Current [A]
005	0.5
010	1
020	2
030	3
040	4
050	5
060	6
070	7
080	8
100	10
130	13
150	15
160	16
200	20
250	25
300	30
320	32
400	40
500	50
630	63

e

+ Neutral (available for 1+N and 3+N configurations)	
Code	Description
	Can be left blank
N	+ Neutral


# Product Selection

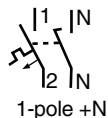
## 1-Pole Supplementary Protectors

Photo/Wiring Diagram	Continuous Current Rating ( $I_n$ )	Trip Curve B Resistive or Slightly Inductive $3...5 I_n$	Trip Curve C Inductive $5...10 I_n$	Trip Curve D Highly Inductive $10...20 I_n$
	[A]	Cat. No.	Cat. No.	Cat. No.
	0.5	1492-SPM1B005	1492-SPM1C005	1492-SPM1D005
	1	1492-SPM1B010	1492-SPM1C010	1492-SPM1D010
	2	1492-SPM1B020	1492-SPM1C020	1492-SPM1D020
	3	1492-SPM1B030	1492-SPM1C030	1492-SPM1D030
	4	1492-SPM1B040	1492-SPM1C040	1492-SPM1D040
	5	1492-SPM1B050	1492-SPM1C050	1492-SPM1D050
	6	1492-SPM1B060	1492-SPM1C060	1492-SPM1D060
	7	1492-SPM1B070	1492-SPM1C070	1492-SPM1D070
	8	1492-SPM1B080	1492-SPM1C080	1492-SPM1D080
	10	1492-SPM1B100	1492-SPM1C100	1492-SPM1D100
	13	1492-SPM1B130	1492-SPM1C130	1492-SPM1D130
	15	1492-SPM1B150	1492-SPM1C150	1492-SPM1D150
	16	1492-SPM1B160	1492-SPM1C160	1492-SPM1D160
	20	1492-SPM1B200	1492-SPM1C200	1492-SPM1D200
	25	1492-SPM1B250	1492-SPM1C250	1492-SPM1D250
	30	1492-SPM1B300	1492-SPM1C300	1492-SPM1D300
	32	1492-SPM1B320	1492-SPM1C320	1492-SPM1D320
	40	1492-SPM1B400	1492-SPM1C400	1492-SPM1D400
50	1492-SPM1B500	1492-SPM1C500	1492-SPM1D500	
63	1492-SPM1B630	1492-SPM1C630	1492-SPM1D630	



## 1-Pole + Neutral Supplementary Protectors<sup>(1)</sup>

Photo/Wiring Diagram	Continuous Current Rating ( $I_n$ )	Trip Curve B Resistive or Slightly Inductive $3...5 I_n$	Trip Curve C Inductive $5...10 I_n$	Trip Curve D Highly Inductive $10...20 I_n$
	[A]	Cat. No.	Cat. No.	Cat. No.
	0.5	1492-SPM1B005-N	1492-SPM1C005-N	1492-SPM1D005-N
	1	1492-SPM1B010-N	1492-SPM1C010-N	1492-SPM1D010-N
	2	1492-SPM1B020-N	1492-SPM1C020-N	1492-SPM1D020-N
	3	1492-SPM1B030-N	1492-SPM1C030-N	1492-SPM1D030-N
	4	1492-SPM1B040-N	1492-SPM1C040-N	1492-SPM1D040-N
	5	1492-SPM1B050-N	1492-SPM1C050-N	1492-SPM1D050-N
	6	1492-SPM1B060-N	1492-SPM1C060-N	1492-SPM1D060-N
	7	1492-SPM1B070-N	1492-SPM1C070-N	1492-SPM1D070-N
	8	1492-SPM1B080-N	1492-SPM1C080-N	1492-SPM1D080-N
	10	1492-SPM1B100-N	1492-SPM1C100-N	1492-SPM1D100-N
	13	1492-SPM1B130-N	1492-SPM1C130-N	1492-SPM1D130-N
	15	1492-SPM1B150-N	1492-SPM1C150-N	1492-SPM1D150-N
	16	1492-SPM1B160-N	1492-SPM1C160-N	1492-SPM1D160-N
	20	1492-SPM1B200-N	1492-SPM1C200-N	1492-SPM1D200-N
	25	1492-SPM1B250-N	1492-SPM1C250-N	1492-SPM1D250-N
	30	1492-SPM1B300-N	1492-SPM1C300-N	1492-SPM1D300-N
	32	1492-SPM1B320-N	1492-SPM1C320-N	1492-SPM1D320-N
	40	1492-SPM1B400-N	1492-SPM1C400-N	1492-SPM1D400-N
50	1492-SPM1B500-N	1492-SPM1C500-N	1492-SPM1D500-N	
63	1492-SPM1B630-N	1492-SPM1C630-N	1492-SPM1D630-N	



(1) 1+N configurations are not UL or CSA certified.