

AC Current Transducers

Old Model	New Models	Input	Output	Terminals	Aperture
A100-1	N/A	1-10, 2-20 & 5-50 A	0-5VDC	Front	0.55" Dia.
	AT1-005-000-FF	0-10, 20 & 50A	0-5 VDC	Front	0.55" Dia.
Sentry 100-1	AT1-005-000-FT	0-10, 20 & 50A	0-5 VDC	Top	0.75" Dia
Sentry 100-1L	AT1-005-000-FT	0-10, 20 & 50A	0-5 VDC	Top	0.75" Dia
A100-3	N/A	1-10, 2-20 & 5-50 A	0-10VDC	Front	0.55" Dia.
	AT1-010-000-FF	0-10, 20 & 50A	0-10 VDC	Front	0.55" Dia.
Sentry 100-3	AT1-010-000-FT	0-10, 20 & 50A	0-10 VDC	Top	0.75" Dia
Sentry 100-3L	AT1-010-000-FT	0-10, 20 & 50A	0-10 VDC	Top	0.75" Dia
A100-2	N/A	10-100, 15-150, 20-200 A	0-5 VDC	Front	0.55" Dia.
	AT2-005-000-FF	0-100, 150 & 200A	0-5 VDC	Front	0.55" Dia.
Sentry 100-2	AT2-005-000-FT	0-100, 150 & 200A	0-5 VDC	Top	0.75" Dia
Sentry 100-2L	AT2-005-000-FT	0-100, 150 & 200A	0-5 VDC	Top	0.75" Dia
A100-4	N/A	10-100, 15-150, 20-200 A	0-10 VDC	Front	0.55" Dia.
	AT2-010-000-FF	0-100, 150 & 200A	0-10 VDC	Front	0.55" Dia.
Sentry 100-4	AT2-010-000-FT	0-100, 150 & 200A	0-10 VDC	Top	0.75" Dia
Sentry 100-4L	AT2-010-000-FT	0-100, 150 & 200A	0-10 VDC	Top	0.75" Dia
SA100-1	N/A	1-10, 2-20 & 5-50 A	0-5VDC	Top	0.85" Sq.
	AT1-005-000-SP	0-10, 20 & 50A	0-5 VDC	Top	0.85" Sq.
Sentry SC100-1	AT1-005-000-SP	0-10, 20 & 50A	0-5 VDC	Top	0.85" Sq.
Sentry SC100-1L	AT1-005-000-SP	0-10, 20 & 50A	0-5 VDC	Top	0.85" Sq.
SA100-2	N/A	10-100, 15-150 & 20-200A	0-5 VDC	Top	0.85" Sq.
	AT2-005-000-SP	0-100, 150 & 200A	0-5 VDC	Top	0.85" Sq.
Sentry SC100-2	AT2-005-000-SP	0-100, 150 & 200A	0-5 VDC	Top	0.85" Sq.
Sentry SC100-2L	AT2-005-000-SP	0-100, 150 & 200A	0-5 VDC	Top	0.85" Sq.
SA100-3	N/A	1-10, 2-20 & 5-50 A	0-10 VDC	Top	0.85" Sq.
	AT1-010-000-SP	0-10, 20 & 50A	0-10 VDC	Top	0.85" Sq.
Sentry SC100-3	AT1-010-000-SP	0-10, 20 & 50A	0-10 VDC	Top	0.85" Sq.
Sentry SC100-3L	AT1-010-000-SP	0-10, 20 & 50A	0-10 VDC	Top	0.85" Sq.
SA100-4	N/A	10-100, 15-150 & 20-200A	0-10VDC	Top	0.85" Sq.
	AT2-010-000-SP	0-100, 150 & 200A	0-10 VDC	Top	0.85" Sq.
Sentry SC100-4	AT2-010-000-SP	0-100, 150 & 200A	0-10 VDC	Top	0.85" Sq.
Sentry SC100-4L	AT2-010-000-SP	0-100, 150 & 200A	0-10 VDC	Top	0.85" Sq.
Sentry 200-05	AT0-420-24L-FT	0-2 & 0-5 A	4-20mA	Top	0.75" Dia
Sentry 200-05-V	ATR0-420-24L-FT	0-2 & 0-5 A	4-20mA	Top	0.75" Dia
A200-1	AT1-420-24L-FF	0-10, 20 & 50A	4-20mA	Front	0.55" Dia.
Sentry 200-1	AT1-420-24L-FT	0-10, 20 & 50A	4-20mA	Top	0.75" Dia
Sentry 200-1-V	ATR1-420-24L-FT	0-10, 20 & 50A	4-20mA	Top	0.75" Dia
A200-2	AT2-420-24L-FF	0-100, 150 & 200A	4-20mA	Front	0.55" Dia.
Sentry 200-2	AT2-420-24L-FT	0-100, 150 & 200A	4-20mA	Top	0.75" Dia
Sentry 200-2-V	ATR2-420-24L-FT	0-100, 150 & 200A	4-20mA	Top	0.75" Dia
Sentry 200-3	AT3-420-24L-FL	0-375, 500 & 700A	4-20mA	Top	3.0" Dia.
Sentry 200-3-V	ATR3-420-24L-FL	0-375, 500 & 700A	4-20mA	Top	3.0" Dia.
Sentry 200-4	AT4-420-24L-FL	0-1000, 1333, 2000 A	4-20mA	Top	3.0" Dia.
Sentry 200-4-V	ATR4-420-24L-FL	0-1000, 1333, 2000 A	4-20mA	Top	3.0" Dia.

Sentry SC200-05	AT0-420-24L-SP	0-2 & 0-5 A	4-20mA	Top	0.85" Sq.
Sentry SC200-05-V	ATR0-420-24L-SP	0-2 & 0-5 A	4-20mA	Top	0.85" Sq.
SA200-1	AT1-420-24L-SP	0-10, 20 & 50 A	4-20mA	Top	0.85" Sq.
Sentry SC200-1	AT1-420-24L-SP	0-10, 20 & 50 A	4-20mA	Top	0.85" Sq.
Sentry SC200-1-V	ATR1-420-24L-SP	0-10, 20 & 50 A	4-20mA	Top	0.85" Sq.
SA200-2	AT2-420-24L-SP	0-100, 150 & 200A	4-20mA	Top	0.85" Sq.
Sentry SC200-2	AT2-420-24L-SP	0-100, 150 & 200A	4-20mA	Top	0.85" Sq.
Sentry SC200-2-V	ATR2-420-24L-SP	0-100, 150 & 200A	4-20mA	Top	0.85" Sq.

Current Operated Switches

Old Model	New Models	Input	Output	Terminals	Aperture
PD75	AS3-NODC-FF	1-6, 6-40, 40-175 A	0.15A @ 30 VDC	Frnt	0.55" Dia
D150-1A	AS3-NODC-FF	1-6, 6-40, 40-175 A	0.15A @ 30 VDC	Frnt	0.55" Dia
D150-1A	AS1-NOU-FF	1-150A	0.15A @ 240 VAC/DC	Frnt	0.55" Dia
Sentry 225	AS1-NOU-FT-GO	1-250 A	0.15A @ 240 VAC/DC	Top	0.75" Dia.
Sentry 245	AS1-NOU-FT-NL	1-150 A	0.15A @ 240 VAC/DC	Top	0.75" Dia.
Sentry 250	AS1-NOU-FT	1-150A	0.3A @ 240 VAC/DC	Top	0.75" Dia
D225	AS1-NOU-FF-GO	1-150A	0.15A @ 240 VAC/DC	Frnt	0.55" Dia
D245	AS1-NOU-FF-NL	1-150A	0.15A @ 240 VAC/DC	Frnt	0.55" Dia
D250	AS1-NOU-FF	1-150A	0.15A @ 240 VAC/DC	Frnt	0.55" Dia
All models above can replace this D150-1A variant:				-LF (Low frequen	
D150-2A	AS3-AADC-FF	1-6, 6-40, 40-175 A	2 N.O. - 0.15A @ 30 VDC	Frnt	0.55" Dia
D150-3A	AS3-CCDC-FF	1-6, 6-40, 40-175 A	N.O. & N.C. - 0.15A @ 30VDC	Frnt	0.55" Dia
D150-NC	AS3-NCDC-FF	1-6, 6-40, 40-175 A	0.15A @ 30 VDC	Frnt	0.55" Dia
D150-NC	AS1-NCU-FF	1-150A	0.2A @ 130 VAC/DC	Frnt	0.55" Dia
Sentry 250-NC	AS1-NCU-FT	1-150A	0.2A @ 130 VAC/DC	Top	0.75" Dia
All three models above can replace this D150-NC variant:				-LF (Low frequen	
SD150	AS3-NODC-SP	1-6, 6-40, 40-200 A	0.15A @ 30 VDC	Top	0.85" Sq
SD150	AS1-NOU-SP	1-150A	0.15A @ 240 VAC/DC	Top	0.85" Sq
Sentry SC225	AS1-NOU-SP-GO	1-250A	0.15A @ 240 VAC/DC	Top	0.85" Sq
Sentry SC245	AS1-NOU-SP-NL	1-150 A	0.15A @ 240 VAC/DC	Top	0.85" Sq
Sentry SC250	AS1-NOU-SP	1-150A	0.15A @ 240 VAC/DC	Top	0.85" Sq
Both models above can replace this SD150 variant:				-LF (Low frequen	
SD150-NC	AS3-NCDC-SP	1-6, 6-40, 40-200 A	0.15A @ 30 VDC	Top	0.85" Sq
SD150-NC	AS1-NCU-SP	1-150A	0.2A @ 130 VAC/DC	Top	0.85" Sq
Both models above can replace this SD150-NC variant:				-LF (Low frequen	
PD50	AS3-NOAC-FF	1-6, 6-40, 40-175 A	1A @ 240 VAC	Frnt	0.55" Dia
D100AC-NO-A	AS3-NOAC-FF	1-6, 6-40, 40-175 A	1A @ 240 VAC	Frnt	0.55" Dia
AS3-NOAC-FF replaces these D100AC-NO variants:				-LF (Low frequen	
				-NS (Zero off stati	
D100AC-NO-A-NL	AS3-NOAC-FF-NL			-NL (No Status LE	
D100AC-NC-A	AS3-NCAC-FF	1-6, 6-40, 40-175 A	1A @ 240 VAC	Frnt	0.55" Dia
AS3-NCAC-FF replaces this D100AC-NC variant:				-LF (Low frequen	

SD100	AS3-NOAC-SP	1-6, 6-40, 40-200 A	1A @ 240 VAC	Top	0.85" Sq
	AS3-NOAC-SP replaces this SD100AC variant:			-LF (Low frequen	
SD100-NC	AS3-NCAC-SP	1-6, 6-40, 40-200 A	1A @ 240 VAC	Top	0.85" Sq
Sentry 500	ASM-NOU-OU-FT	1.5-150 A	0.2A @ 130 VAC/DC	Top	0.75" Dia
Sentry SC500	ASM-NOU-OU-SP	2.8-150 A	0.2 A @ 130 VAC/DC	Top	0.85" Sq

Ground Fault Sensors

Old Model	New Models	Setpoint Range	Output	Output Form	Power Supply
GF1AC-NO	AG1-NOAC-120-NF	5-100 mA	1A @ 240 VAC	N.O.	120 VAC
	AG1-NOAC-ppp-NF	5-100 mA	1A @ 240 VAC	N.O.	See Below
	AG2-NOAC-ppp-NF	80-950 mA	1A @ 240 VAC	N.O.	See Below
GF1AC-NC	AG1-NCAC-120-NF	5-100 mA	1A @ 240 VAC	N.C.	120 VAC
	AG1-NCAC-ppp-NF	5-100 mA	1A @ 240 VAC	N.C.	See Below
	AG2-NCAC-ppp-NF	80-950 mA	1A @ 240 VAC	N.C.	See Below
GF1DC-NO	AG1-NODC-120-NF	5-100 mA	0.15A @ 30 VDC	N.O.	120 VAC
	AG1-NODC-ppp-NF	5-100 mA	0.15A @ 30 VDC	N.O.	See Below
	AG2-NODC-ppp-NF	80-950 mA	0.15A @ 30 VDC	N.O.	See Below
GF1DC-NC	AG1-NCDC-120-NF	5-100 mA	0.15A @ 30 VDC	N.C.	120 VAC
	AG1-NCDC-ppp-NF	5-100 mA	0.15A @ 30 VDC	N.C.	See Below
	AG2-NCDC-ppp-NF	80-950 mA	0.15A @ 30 VDC	N.C.	See Below

Note: AG1-SDT1-ppp-DEN-sss can replace all of the above, all UL Recognized
GF2 Series were originally labeled "Failsafe". The "-FS" option provides the same operation.

GF2AC-NO	AG1-NOAC-120-FS	5-100 mA	1A @ 240 VAC	N.O.	120 VAC
	AG1-NOAC-ppp-FS	5-100 mA	1A @ 240 VAC	N.O.	See Below
	AG2-NOAC-ppp-FS	80-950 mA	1A @ 240 VAC	N.O.	See Below
GF2AC-NC	AG1-NCAC-120-FS	5-100 mA	1A @ 240 VAC	N.C.	120 VAC
	AG1-NCAC-ppp-FS	5-100 mA	1A @ 240 VAC	N.C.	See Below
	AG2-NCAC-ppp-FS	80-950 mA	1A @ 240 VAC	N.C.	See Below
GF2DC-NO	AG1-NODC-120-FS	5-100 mA	0.15A @ 30 VDC	N.O.	120 VAC
	AG1-NODC-ppp-FS	5-100 mA	0.15A @ 30 VDC	N.O.	See Below
	AG2-NODC-ppp-FS	80-950 mA	0.15A @ 30 VDC	N.O.	See Below
GF2DC-NC	AG1-NCDC-120-FS	5-100 mA	0.15A @ 30 VDC	N.C.	120 VAC
	AG2-NCDC-ppp-FS	80-950 mA	0.15A @ 30 VDC	N.C.	See Below

GF1 & GF2 Model Numbers did not include 'wildcard' fields for power supply or setpoint. AG Model Numbers specify these variables.
 Be sure you have the correct power supply and setpoint before ordering an AG Series to replace a GF1 or GF2 Series sensor.

Note: AG1-SDT1-ppp-ENE-sss can replace all of the above, all UL Recognized

AG Series 'wildcard' fields.

"ppp" Power

Choose your power supply: 24U = 24 VDC/AC, 120 = 120 VAC, 200 = 200 VAC, 240 = 240 VAC

"sss" Setpoint.


The setpoint is factory adjusted and covered (field adjustment possible). Insert the desired setpoint (see below)

AG1 Series: 5mA (-005) to 100mA (-100)

AG2 Series: 80mA (-080) to 950mA (-950)

Old Model	New Models	Setpoint Range	Output	Output Form	Power Supply
GF3NO-1-ppp-sss	AG1-NOR-ppp-NF-	5-100 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.O.	See Below
	AG2-NOR-ppp-NF-	80-950 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.O.	See Below
GF3NO-3-ppp	AG2-NOR-ppp-NF-	Tri-Set (5,10,30mA)	0.5A @ 240 VAC 2A @ 30 VDC	N.O.	See Below
GF3NC-1-ppp-sss	AG1-NCR-ppp-NF-	5-100 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.C.	See Below
	AG2-NCR-ppp-NF-	80-950 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.C.	See Below
GF3NC-3-ppp	AG2-NCR-ppp-NF-	Tri-Set (5,10,30mA)	0.5A @ 240 VAC 2A @ 30 VDC	N.C.	See Below
<i>GF4 Series were originally labeled "Failsafe". The "-FS" option provides the same operation.</i>					
GF4NO-1-ppp-sss	AG1-NOR-ppp-FS-	5-100 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.O.	See Below
	AG2-NOR-ppp-FS-	80-950 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.O.	See Below
GF4NO-3-ppp	AG2-NOR-ppp-FS-	Tri-Set (5,10,30mA)	0.5A @ 240 VAC 2A @ 30 VDC	N.O.	See Below
GF4NC-1-ppp-sss	AG1-NCR-ppp-FS-	5-100 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.C.	See Below
	AG2-NCR-ppp-FS-	80-950 mA	0.5A @ 240 VAC 2A @ 30 VDC	N.C.	See Below
GF4NC-3-ppp	AG2-NCR-ppp-FS-	Tri-Set (5,10,30mA)	0.5A @ 240 VAC 2A @ 30 VDC	N.C.	See Below
None	AG1-CR1-ppp-LA-s	5-100 mA	0.5A @ 240 VAC 2A @ 30 VDC	SPDT (Form C)	See Below
	AG2-CR2-ppp-LA-s	80-950 mA	0.5A @ 240 VAC 2A @ 30 VDC	SPDT (Form C)	See Below
	AG3-CR1-ppp-LA-s	Tri-Set (5,10,30mA)	0.5A @ 240 VAC 2A @ 30 VDC	SPDT (Form C)	See Below

GF3 & GF4 Model Numbers did not include a 'wildcard' fields for the setpoint. AG Model Numbers specify the setpoint.



Be sure you have the correct setpoint before ordering an AG Series to replace a GF3 or GF4 Series sensor.

AG Series 'wildcard' fields.

"ppp" Power

Choose your power supply: 24U = 24 VDC/AC, 120 = 120 VAC, 200 = 200 VAC, 240 = 240 VAC

"sss" Setpoint.

The setpoint is factory adjusted and covered (field adjustment possible). Insert the desired setpoint (see below)

AG1 Series: 5mA (-005) to 100mA (-100)

AG2 Series: 80mA (-080) to 950mA (-950)



Solid Core	Split Core	Added Feature
X		
X		Zero Offset Input
X		Zero Offset Input
X		FF&FT Replacement
X		
X		Zero Offset Input
X		Zero Offset Input
X		FF&FT Replacement
X		
X		Zero Offset Input
X		Zero Offset Input
X		FF&FT Replacement
X		
X		Zero Offset Input
X		Zero Offset Input
X		FF&FT Replacement
	X	
	X	Zero Offset Input
	X	Zero Offset Input
	X	
	X	
	X	Zero Offset Input
	X	Zero Offset Input
	X	
	X	
	X	Zero Offset Input
	X	Zero Offset Input
	X	FF&F Replacement
	X	
	X	Zero Offset Input
	X	Zero Offset Input
	X	
X		Low Amp Input
X		True RMS
X		FF&FT Replacement
X		FF&FT Replacement
X		True RMS
X		FF&F Replacement
X		
X		True RMS
X		
X		True RMS
X		
X		True RMS

	X		Extended Hz.
cy response is now standard)			
	X		Extended Hz.
		X	Universal Output
		X	Universal Output

Norm. De-Energized	Normally Energized	Latching
X		
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Norm. De-Energized	Normally Energized	Latching
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