



A REGAL REXNORD BRAND

Product Change Notification **PCN #D85-001**
Issue Date: 9/3/2025

Obsolescence of DC1390, DC1390R, DC1050, & DC1050R High Current Power Line Chokes

Description of Change: Delevan announces the end of life for our DC1390, DC1390R, DC1050, & DC1050R High Current Power Line Chokes.

Delevan P/N:

Please see attached tables for all part numbers impacted.

Delevan Product Series: DC1390, DC1390R, DC1050, & DC1050R

Effectivity Date: 9/2/2025

Product Classification: Power Inductors, High Current Power Line Chokes

Replacement Series: None

Expected Effect on Quality/Reliability/Performance: N/A

Implementation Date: Immediately 9/2/2025. No last time buy available.

Issued By: Delevan, Product Line Management

Contact Information:

Delevan

270 Quaker Road, East Aurora, NY 14052

Phone: 716.652.3600

Email: sean.anderson@regalrexnord.com

www.delevan.com

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
DC1390-104K	Radial Leaded, High Current Power Line Choke, 100 uH , +/- 10%	DC1390R-104K	RoHS, Radial Leaded, High Current Power Line Choke, 100 uH , +/- 10%
DC1390-105K	Radial Leaded, High Current Power Line Choke, 1000 uH , +/- 10%	DC1390R-105K	RoHS, Radial Leaded, High Current Power Line Choke, 1000 uH , +/- 10%
DC1390-124K	Radial Leaded, High Current Power Line Choke, 120 uH , +/- 10%	DC1390R-124K	RoHS, Radial Leaded, High Current Power Line Choke, 120 uH , +/- 10%
DC1390-125K	Radial Leaded, High Current Power Line Choke, 1200 uH , +/- 10%	DC1390R-125K	RoHS, Radial Leaded, High Current Power Line Choke, 1200 uH , +/- 10%
DC1390-153K	Radial Leaded, High Current Power Line Choke, 15 uH , +/- 10%	DC1390R-153K	RoHS, Radial Leaded, High Current Power Line Choke, 15 uH , +/- 10%
DC1390-154K	Radial Leaded, High Current Power Line Choke, 150 uH , +/- 10%	DC1390R-154K	RoHS, Radial Leaded, High Current Power Line Choke, 150 uH , +/- 10%
DC1390-155K	Radial Leaded, High Current Power Line Choke, 1500 uH , +/- 10%	DC1390R-155K	RoHS, Radial Leaded, High Current Power Line Choke, 1500 uH , +/- 10%
DC1390-183K	Radial Leaded, High Current Power Line Choke, 18 uH , +/- 10%	DC1390R-183K	RoHS, Radial Leaded, High Current Power Line Choke, 18 uH , +/- 10%
DC1390-184K	Radial Leaded, High Current Power Line Choke, 180 uH , +/- 10%	DC1390R-184K	RoHS, Radial Leaded, High Current Power Line Choke, 180 uH , +/- 10%
DC1390-185K	Radial Leaded, High Current Power Line Choke, 1800 uH , +/- 10%	DC1390R-185K	RoHS, Radial Leaded, High Current Power Line Choke, 1800 uH , +/- 10%
DC1390-223K	Radial Leaded, High Current Power Line Choke, 22 uH , +/- 10%	DC1390R-223K	RoHS, Radial Leaded, High Current Power Line Choke, 22 uH , +/- 10%
DC1390-224K	Radial Leaded, High Current Power Line Choke, 220 uH , +/- 10%	DC1390R-224K	RoHS, Radial Leaded, High Current Power Line Choke, 220 uH , +/- 10%
DC1390-225K	Radial Leaded, High Current Power Line Choke, 2200 uH , +/- 10%	DC1390R-225K	RoHS, Radial Leaded, High Current Power Line Choke, 2200 uH , +/- 10%
DC1390-273K	Radial Leaded, High Current Power Line Choke, 27 uH , +/- 10%	DC1390R-273K	RoHS, Radial Leaded, High Current Power Line Choke, 27 uH , +/- 10%
DC1390-274K	Radial Leaded, High Current Power Line Choke, 270 uH , +/- 10%	DC1390R-274K	RoHS, Radial Leaded, High Current Power Line Choke, 270 uH , +/- 10%
DC1390-275K	Radial Leaded, High Current Power Line Choke, 2700 uH , +/- 10%	DC1390R-275K	RoHS, Radial Leaded, High Current Power Line Choke, 2700 uH , +/- 10%
DC1390-333K	Radial Leaded, High Current Power Line Choke, 33 uH , +/- 10%	DC1390R-333K	RoHS, Radial Leaded, High Current Power Line Choke, 33 uH , +/- 10%
DC1390-334K	Radial Leaded, High Current Power Line Choke, 330 uH , +/- 10%	DC1390R-334K	RoHS, Radial Leaded, High Current Power Line Choke, 330 uH , +/- 10%
DC1390-335K	Radial Leaded, High Current Power Line Choke, 3300 uH , +/- 10%	DC1390R-335K	RoHS, Radial Leaded, High Current Power Line Choke, 3300 uH , +/- 10%
DC1390-393K	Radial Leaded, High Current Power Line Choke, 39 uH , +/- 10%	DC1390R-393K	RoHS, Radial Leaded, High Current Power Line Choke, 39 uH , +/- 10%
DC1390-394K	Radial Leaded, High Current Power Line Choke, 390 uH , +/- 10%	DC1390R-394K	RoHS, Radial Leaded, High Current Power Line Choke, 390 uH , +/- 10%
DC1390-395K	Radial Leaded, High Current Power Line Choke, 3900 uH , +/- 10%	DC1390R-395K	Radial Leaded, High Current Power Line Choke, 3900 uH , +/- 10%
DC1390-473K	Radial Leaded, High Current Power Line Choke, 47 uH , +/- 10%	DC1390R-473K	RoHS, Radial Leaded, High Current Power Line Choke, 47 uH , +/- 10%
DC1390-474K	Radial Leaded, High Current Power Line Choke, 470 uH , +/- 10%	DC1390R-474K	RoHS, Radial Leaded, High Current Power Line Choke, 470 uH , +/- 10%
DC1390-563K	Radial Leaded, High Current Power Line Choke, 56 uH , +/- 10%	DC1390R-563K	RoHS, Radial Leaded, High Current Power Line Choke, 56 uH , +/- 10%
DC1390-564K	Radial Leaded, High Current Power Line Choke, 560 uH , +/- 10%	DC1390R-564K	RoHS, Radial Leaded, High Current Power Line Choke, 560 uH , +/- 10%

DC1390-683K	Radial Leaded, High Current Power Line Choke, 68 uH , +/- 10%	DC1390R-683K	RoHS, Radial Leaded, High Current Power Line Choke, 68 uH , +/- 10%
DC1390-684K	Radial Leaded, High Current Power Line Choke, 680 uH , +/- 10%	DC1390R-684K	RoHS, Radial Leaded, High Current Power Line Choke, 680 uH , +/- 10%
DC1390-823K	Radial Leaded, High Current Power Line Choke, 82 uH , +/- 10%	DC1390R-823K	RoHS, Radial Leaded, High Current Power Line Choke, 82 uH , +/- 10%
DC1390-824K	Radial Leaded, High Current Power Line Choke, 820 uH , +/- 10%	DC1390R-824K	RoHS, Radial Leaded, High Current Power Line Choke, 820 uH , +/- 10%

PART NUMBER	DESCRIPTION	PART NUMBER	DESCRIPTION
DC1050-104K	Radial Leaded, High Current Power Line Choke, 100 uH , +/- 10%	DC1050R-104K	RoHS, Radial Leaded, High Current Power Line Choke, 100 uH , +/- 10%
DC1050-105K	Radial Leaded, High Current Power Line Choke, 1000 uH , +/- 10%	DC1050R-105K	RoHS, Radial Leaded, High Current Power Line Choke, 1000 uH , +/- 10%
DC1050-124K	Radial Leaded, High Current Power Line Choke, 120 uH , +/- 10%	DC1050R-124K	RoHS, Radial Leaded, High Current Power Line Choke, 120 uH , +/- 10%
DC1050-125K	Radial Leaded, High Current Power Line Choke, 1200 uH , +/- 10%	DC1050R-125K	RoHS, Radial Leaded, High Current Power Line Choke, 1200 uH , +/- 10%
DC1050-154K	Radial Leaded, High Current Power Line Choke, 150 uH , +/- 10%	DC1050R-154K	RoHS, Radial Leaded, High Current Power Line Choke, 150 uH , +/- 10%
DC1050-155K	Radial Leaded, High Current Power Line Choke, 1500 uH , +/- 10%	DC1050R-155K	RoHS, Radial Leaded, High Current Power Line Choke, 1500 uH , +/- 10%
DC1050-184K	Radial Leaded, High Current Power Line Choke, 180 uH , +/- 10%	DC1050R-184K	RoHS, Radial Leaded, High Current Power Line Choke, 180 uH , +/- 10%
DC1050-185K	Radial Leaded, High Current Power Line Choke, 1800 uH , +/- 10%	DC1050R-185K	RoHS, Radial Leaded, High Current Power Line Choke, 1800 uH , +/- 10%
DC1050-224K	Radial Leaded, High Current Power Line Choke, 220 uH , +/- 10%	DC1050R-224K	RoHS, Radial Leaded, High Current Power Line Choke, 220 uH , +/- 10%
DC1050-225K	Radial Leaded, High Current Power Line Choke, 2200 uH , +/- 10%	DC1050R-225K	RoHS, Radial Leaded, High Current Power Line Choke, 2200 uH , +/- 10%
DC1050-274K	Radial Leaded, High Current Power Line Choke, 270 uH , +/- 10%	DC1050R-274K	RoHS, Radial Leaded, High Current Power Line Choke, 270 uH , +/- 10%
DC1050-275K	Radial Leaded, High Current Power Line Choke, 2700 uH , +/- 10%	DC1050R-275K	RoHS, Radial Leaded, High Current Power Line Choke, 2700 uH , +/- 10%
DC1050-334K	Radial Leaded, High Current Power Line Choke, 330 uH , +/- 10%	DC1050R-334K	RoHS, Radial Leaded, High Current Power Line Choke, 330 uH , +/- 10%
DC1050-335K	Radial Leaded, High Current Power Line Choke, 3300 uH , +/- 10%	DC1050R-335K	RoHS, Radial Leaded, High Current Power Line Choke, 3300 uH , +/- 10%
DC1050-394K	Radial Leaded, High Current Power Line Choke, 390 uH , +/- 10%	DC1050R-394K	RoHS, Radial Leaded, High Current Power Line Choke, 390 uH , +/- 10%
DC1050-395K	Radial Leaded, High Current Power Line Choke, 3900 uH , +/- 10%	DC1050R-395K	RoHS, Radial Leaded, High Current Power Line Choke, 3900 uH , +/- 10%
DC1050-474K	Radial Leaded, High Current Power Line Choke, 470 uH , +/- 10%	DC1050R-474K	RoHS, Radial Leaded, High Current Power Line Choke, 470 uH , +/- 10%
DC1050-475K	Radial Leaded, High Current Power Line Choke, 4700 uH , +/- 10%	DC1050R-475K	RoHS, Radial Leaded, High Current Power Line Choke, 4700 uH , +/- 10%
DC1050-564K	Radial Leaded, High Current Power Line Choke, 560 uH , +/- 10%	DC1050R-564K	RoHS, Radial Leaded, High Current Power Line Choke, 560 uH , +/- 10%
DC1050-684K	Radial Leaded, High Current Power Line Choke, 680 uH , +/- 10%	DC1050R-684K	RoHS, Radial Leaded, High Current Power Line Choke, 680 uH , +/- 10%
DC1050-824K	Radial Leaded, High Current Power Line Choke, 820 uH , +/- 10%	DC1050R-824K	RoHS, Radial Leaded, High Current Power Line Choke, 820 uH , +/- 10%

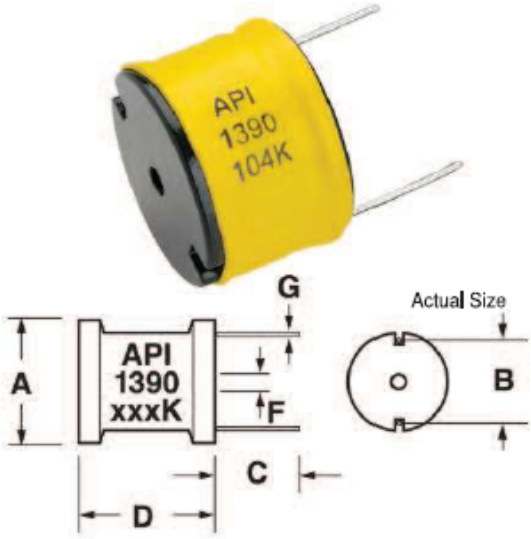
SERIES

**DC1390R
DC1390**



High Current Power Line Chokes

Power Inductors
 LEAD DIAMETER (Inches, Reference)
 INCREMENTAL CURRENT (A DC)
 CURRENT RATING MAXIMUM (A DC)
 DC RESISTANCE (OHMS) @ 25 C
 INDUCTANCE (µH) ±10% @ 1.00 KHZ
 DASH NUMBER*



Physical Parameters

	Inches	Millimeters
A	1.400 to 1.480	35.56 to 37.60
B	1,150 Reference	29,21 Reference
C	0.750 Minimum	19.05 Minimum
D	1,064 Maximum	27,03 Maximum
F	0.200 Reference	5.08 Reference
G	See Table	

SERIES DC1390 and DC1390R					
-153K	15.0	0,006	19,9	33,3	0,081
-183K	18.0	0,008	17,3	30,4	0,081
-223K	22.0	0,009	16,3	28,0	0,081
-273K	27.0	0,010	15,4	25,9	0,081
-333K	33.0	0,011	14,7	22,6	0,081
-393K	39.0	0,012	14,1	21,2	0,081
-473K	47.0	0,018	11,5	20,0	0,072
-563K	56.0	0,019	11,2	17,5	0,072
-683K	68.0	0,021	10,7	16,3	0,064
-823K	82.0	0,023	10,2	14,9	0,064
-104K	100	0,025	9,76	13,2	0,064
-124K	120	0,028	9,23	12,3	0,064
-154K	150	0,040	7,72	10,8	0,057
-184K	180	0,045	7,28	9,96	0,057
-224K	220	0,050	6,90	9,09	0,057
-274K	270	0,056	6,52	8,05	0,057
-334K	330	0,074	5,67	7,37	0,051
-394K	390	0,082	5,39	6,90	0,051
-474K	470	0,114	4,57	6,20	0,046
-564K	560	0,125	4,37	5,69	0,046
-684K	680	0,139	4,14	5,11	0,046
-824K	820	0,154	3,93	4,70	0,046
-105K	1000	0,216	3,32	4,24	0,041
-125K	1200	0,232	3,21	3,97	0,041
-155K	1500	0,324	2,71	3,45	0,036
-185K	1800	0,360	2,57	3,14	0,036
-225K	2200	0,494	2,20	2,86	0,032
-275K	2700	0,555	2,07	2,58	0,032
-335K	3300	0,773	1,76	2,33	0,029
-395K	3900	0,845	1,68	2,14	0,029

*Complete part # must include series # PLUS the dash #

Operating Temperature Range -55°C to +125°C;
(-55°C to +80°C @ full current)

Current Rating at 80° Ambient 45°C Temperature Rise

Maximum Power Dissipation at +80°C 3,30 Watts Maximum

Inductance Measured @ 1 kHz with 0 ADC on Wayne Kerr 3245A, or equivalent

Leads Solder coated to within 1/16" of Body

Incremental Current The amount of DC that decreases the inductance by 5% maximum, relative to the 0 ADC

Dielectric Withstanding Voltage 1000 Vrms Minimum

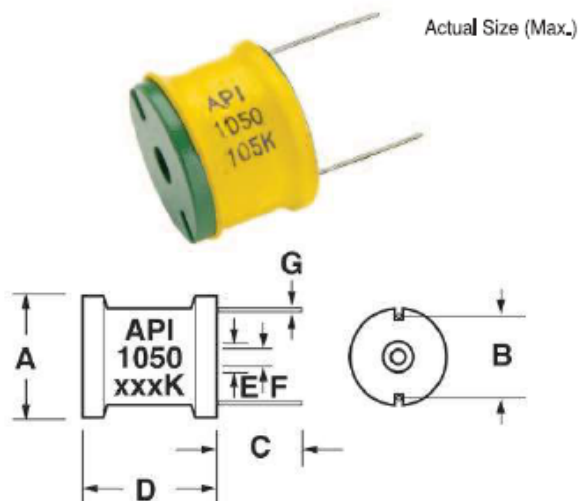
Mechanical Configuration Center hole allows for mounting

Marking API, 1390 or 1390R, dash number (per table) and inductance tolerance letter
 API
 1390
 xxxK

Packaging Bulk only

SERIES**DC1050R
DC1050****High Current Power Line Chokes**

DASH NUMBER*
INDUCTANCE (µH)
±10% @ 1.00 kHz
MAXIMUM (OHMS) @ 25°C
DC RESISTANCE
CURRENT RATING
MAXIMUM (A DC)
CURRENT
INCREMENTAL
CURRENT (A DC)
LEAD DIAMETER
(Inches, Reference)

Power Inductors**SERIES DC1050 and DC1050R**

DASH NUMBER*	INDUCTANCE (µH) ±10% @ 1.00 kHz	MAXIMUM (OHMS) @ 25°C	DC RESISTANCE	CURRENT RATING MAXIMUM (A DC)	CURRENT	INCREMENTAL CURRENT (A DC)	LEAD DIAMETER (Inches, Reference)
-104K	100	0,034	7,5	9,0	0,046		
-124K	120	0,046	6,5	8,0	0,040		
-154K	150	0,064	5,5	7,0	0,040		
-184K	180	0,072	5,1	6,5	0,040		
-224K	220	0,080	4,8	6,0	0,040		
-274K	270	0,110	4,2	5,0	0,036		
-334K	330	0,122	4,0	4,5	0,036		
-394K	390	0,169	3,4	4,0	0,032		
-474K	470	0,187	3,2	3,8	0,032		
-564K	560	0,205	3,0	3,5	0,032		
-684K	680	0,256	2,7	3,0	0,029		
-824K	820	0,288	2,5	2,8	0,029		
-105K	1000	0,426	2,1	2,5	0,029		
-125K	1200	0,462	2,0	2,2	0,026		
-155K	1500	0,518	1,9	2,0	0,026		
-185K	1800	0,705	1,6	1,8	0,026		
-225K	2200	1,020	1,4	1,5	0,023		
-275K	2700	1,140	1,3	1,4	0,023		
-335K	3300	1,270	1,2	1,3	0,023		
-395K	3900	1,670	1,1	1,2	0,020		
-475K	4700	1,860	1,0	1,0	0,020		

Physical Parameters

	Inches	Millimeters
A	1.080 to 1.180	27.44 to 29.98
B	0.770 Reference (all except -104K) 0.810 Reference (-104K only)	19.56 Reference 20.75 Reference
C	0,750 Minimum	19,05 Minimum
D	0,840 Maximum	21,34 Maximum
E	0,240 Reference	6,10 Reference
F	0,200 Reference	5,08 Reference
G	See Table	

*Complete part # must include series # PLUS the dash #

Operating Temperature Range -55°C to +125°C;
 (-55°C to +80°C @ full current)

Current Rating at 80° Ambient 45°C Temperature Rise

Maximum Power Dissipation at +80°C 2,20 Watts
 Maximum

Inductance Measured @ 1 kHz with 0 ADC
 on Wayne Kerr 3245A, or equivalent

Leads Solder coated within 1/16" of Body

Incremental Current The amount of DC that decreases
 the inductance by 5% maximum, relative to the 0 ADC

Dielectric Withstanding Voltage 1000 Vrms Minimum

Mechanical Configuration Center hole allows for
 mounting

Marking API, 1050 or 1050R, dash number (per table)
 and inductance tolerance letter

API
 1050
 xxxK

Packaging Bulk only