

NEWLY MANUFACTURED REPLACEMENTS

Zinsco Replacement Circuit Breakers

A model-specific range for selected Zinsco panelboards, including the ML 12 reference application.

120/240 VAC

Single-pole, twin and two-pole options

10 kA

Maximum interrupting rating

ETL Listed

Complete breaker evaluated to UL 489



N-HTB Z2125

125 A • 2-pole • 120/240 VAC

Compatibility notice:

Do not use in series-rated systems. Confirm the exact panel family, panel model, amperage, pole count, voltage, conductor requirements and current listing documentation before installation.

Choose the right configuration

Four product formats organize the Z Series by pole configuration, rated current, voltage and mechanical envelope.



TANDEM / TWIN (thin 3/4")

Compact dual-circuit models

Two branch circuits in a compact Zinsco-format body.

Z1515 • Z1520 • Z2020 • Z3030 • Z4040* • Z5050*

15/15-50/50 A

120 VAC

50 A frame

195 g



1-POLE (thick 3/4")

Standard branch-circuit models

Single-pole replacements for common residential and light-commercial ratings.

Z15 • Z20 • Z30 • Z40 • Z50

15-50 A

120 VAC

50 A frame

158 g



2-POLE / Z02 SERIES (thin 3/4")

Slim two-pole models

Compact two-pole family for 120/240 VAC applications.

Z0215 • Z0220 • Z0225 • Z0230 • Z0235 • Z0240 • Z0245 • Z0250 • Z0260 • Z0270*

15-70 A

120/240 VAC

70 A frame

200 g



2-POLE / Z2 SERIES (thick 3/4" X 2)

Standard and high-amperage models

A broad two-pole range for applications through 125 A.

Z215 • Z220 • Z230 • Z240 • Z250 • Z260 • Z270 • Z280 • Z290 • Z2100 • Z2125

15-125 A

120/240 VAC

125 A frame

320 g

* **Current-availability note:** Z4040, Z5050 and Z0270 appear in Compatibility Publication No. 002 but are not shown in the current online Zinsco model directory. Confirm availability and listing scope before ordering.
Additional technical-sheet references: The supplied Type Z sheet also names Z2525, Z3535 and Z4545; these are not shown in Publication No. 002 or the current online directory and require verification.

TM

Thermal-magnetic trip

Overload and short-circuit protection mechanism.

IN

Plug-in input

Zinsco-style panel connection.

OUT

Terminal-lug output

Model-specific conductor termination.

UL

Two certification scopes

Complete breaker: ETL Listed. Output terminal component: UL Recognized, File E538985.

Model Selection & Compatibility

TYPE Z

120/240 VAC • 10 kA maximum

Use this matrix to match the existing Zinsco circuit breaker designation. Review the panel label and existing breaker markings, then verify current availability and certification coverage before ordering.

Panel reference: Zinsco model ML 12; 225 A maximum.

N-HTB MODEL	RATED CURRENT	RATED VOLTAGE	CONFIGURATION	SPECIFIED ZINSCO MODEL
1-POLE (thick 3/4") • 120 VAC				
Z15	15 A	120 VAC	1-pole	Q15
Z20	20 A	120 VAC	1-pole	Q20
Z30	30 A	120 VAC	1-pole	Q30
Z40	40 A	120 VAC	1-pole	Q40
Z50	50 A	120 VAC	1-pole	Q50
TANDEM / TWIN (thin 3/4") • 120 VAC				
Z1515	15 A / 15 A	120 VAC	Tandem / twin	R3815
Z1520	15 A / 20 A	120 VAC	Tandem / twin	R381520
Z2020	20 A / 20 A	120 VAC	Tandem / twin	R3820
Z3030	30 A / 30 A	120 VAC	Tandem / twin	R3830
Z4040*	40 A / 40 A	120 VAC	Tandem / twin	R3840
Z5050*	50 A / 50 A	120 VAC	Tandem / twin	R3850
2-POLE • Z2 SERIES (thick 3/4" X 2) • 120/240 VAC • 15-125 A				
Z215	15 A	120/240 VAC	2-pole	Qc15
Z220	20 A	120/240 VAC	2-pole	Qc20
Z230	30 A	120/240 VAC	2-pole	Qc30
Z240	40 A	120/240 VAC	2-pole	Qc40
Z250	50 A	120/240 VAC	2-pole	Qc50
Z260	60 A	120/240 VAC	2-pole	Qc60
Z270	70 A	120/240 VAC	2-pole	QCAL70
Z280	80 A	120/240 VAC	2-pole	QCAL80
Z290	90 A	120/240 VAC	2-pole	QCAL90
Z2100	100 A	120/240 VAC	2-pole	QCAL100
Z2125	125 A	120/240 VAC	2-pole	QCAL125
2-POLE • Z02 SERIES (thin 3/4") • 120/240 VAC • 15-70 A				
Z0215	15 A	120/240 VAC	2-pole	Rc3815
Z0220	20 A	120/240 VAC	2-pole	Rc3820
Z0225	25 A	120/240 VAC	2-pole	Rc3825
Z0230	30 A	120/240 VAC	2-pole	Rc3830
Z0235	35 A	120/240 VAC	2-pole	Rc3835
Z0240	40 A	120/240 VAC	2-pole	Rc3840
Z0245	45 A	120/240 VAC	2-pole	Rc3845
Z0250	50 A	120/240 VAC	2-pole	Rc3850
Z0260	60 A	120/240 VAC	2-pole	Rc3860
Z0270*	70 A	120/240 VAC	2-pole	Rc3870

* **Current-availability note:** Z4040, Z5050 and Z0270 appear in Compatibility Publication No. 002 but are not shown in the current online Zinsco model directory. Confirm availability, exact listing scope and applicable documentation with N-HTB before ordering.

Technical-sheet-only references: Z2525, Z3535 and Z4545 are named on the supplied Type Z technical sheet but are not included in Publication No. 002 or the current online directory; they are excluded from this matrix pending verification.

TECHNICAL SUMMARY

Core product specifications

Panel application	Zinsco ML 12 reference; 225 A maximum.
Trip mechanism	Thermal-magnetic.
Connections	Plug-in input; terminal-lug output.
Interrupting rating	10 kA maximum.
Frame classifications	50 A twin; 50 A 1-pole; 70 A Z02 2-pole; 125 A Z2 2-pole.
Nominal weights	195 g twin; 158 g 1-pole; 200 g Z02 2-pole; 320 g Z2 2-pole.
Dimensions	Configuration-specific. Review the current dimensional drawing before installation.

CERTIFICATION CLARITY

Two records, two different scopes

Complete circuit breaker

ETL Listed by Intertek

Evaluated to UL 489, Control No. 5029432 is shown on the supplied Type Z sheet; the official directory controls current model coverage.

Output terminal component

UL Recognized Component

File E538985, Category ZMMT2. Component recognition is separate from the complete breaker listing.

The UL Recognized terminal-component record does not mean the complete circuit breaker is UL Listed and does not replace or expand the breaker's ETL Listing.



Verify current models and availability

Scan for the current Zinsco product directory, model pages and support information.

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