

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component EMC Protective Unit, Type No. 3RT19 followed by 16, 26, 36 or 56 followed by -1A, -1B, -1C, -1D, -1E, -1F, -1J, -1L, -1N or -1T, followed by A through T, may be followed by additional suffixes.

USR, CNR - Component Coil Assembly, Resistor Type No. 5061013 followed by additional suffixes

USR, CNR - Component Coil Assembly, Resistor Type No. 3RT1916-1GA00

USR, CNR - Component Coil Assembly, Control Unit Type No. 3RK1903-0CG00

USR, CNR - Component EMC Unit, Type No. 3RT29 followed by 16 or 26 followed by -1A, -1B, -1C, -1D, -1E, -1F, -1G, -1J, -1L or -1M followed by A through T, may be followed by additional suffixes.

*USR, CNR - Component Resistor A8E56200700, or A5E32671616, followed by additional suffixes.

USR, CNR - Component LED Display 3RT19 or 3RT29 followed by 26 followed by -1QT00

GENERAL:

These devices are intended to be installed on this manufacturers Listed and Recognized Contactors and Relays Type 3RT and 3RH covered in File E31519 and E44653.

The units are snapped to the devices by plug-and-socket connection to the coil terminals.

RATINGS:

EMC Protective Unit, Types 3RT1916, 3RT1926, 3RT1936, 3RT1956, 3RT2916 or 3RT2926

24 through 600 V ac
12 through 250 V dc
For details see nomenclature breakdown.

Coil Assembly Resistor, Type 5061013
17 through 275 Vdc

Coil Assembly Resistor, Type 3RT1916-1GA00
180 through 250 V ac

Coil Assembly Control Unit Type 3RK1903-0CG00
12 through 250 V dc

Resistors, Types A8E56200700 and A5E32671616

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17 through 275 Vdc

LED Module Type 3RT19 or 3RT29:

24 to 240 V ac/dc

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

USR - Indicates investigated to United States Standard UL 508.

* CNR - Indicates Investigated to Canadian National Standards C22.2
No. 14-13.

Note: USR - Indicates investigated to United States Standard UL 508.
CNR = Canadian National Standards - Recognized.

Conditions of Acceptability -

1. These devices have not been evaluated for overvoltage limiting.
2. These devices are suitable for factory installation only and the rating must be matched to the coil rating of the contactor it is being used with.
3. The suitability of the overall enclosure, spacing and mounting shall be determined in the end use.

NOMENCLATURE BREAKDOWN:

3RT19	16	-1A	B	..
I	II	III	IV	V

I. Basic Type, EMC Protective Unit

II. Size

- 16 - suitable for use with devices S00
- 26 - suitable for use with devices S0
- 36 - suitable for use with devices S2 and S3
- 56 - suitable for use with devices S6, S10 and S12

III. Type of components

- 1A - special manufacturer's identification
- 1B - varistor without LED
- 1C - RC element with or without LED
- 1D - diode without LED
- 1E or -1T - diode combination (diode + zener diode) without LED
- 1F - zener diode without LED
- 1J - varistor with LED
- 1L - diode with LED
- 1N - zener diode combination

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IV. Voltage Ratings

A -	Special manufacturer's identification	
B -	24 through 48 V ac	24 through 70 V dc
C -	48 through 127 V ac	70 through 150 V dc
D -	127 through 240 V ac	150 through 250 V dc
E -	240 through 400 V ac	---
F -	400 through 600 V ac	---
G -	---	12 through 250 V dc
H -	---	24 through 250 V dc
H -	---	12 through 250 V dc (for type -1EH only)
J or P -	24 through 48 V ac	12 through 24 V dc
K or Q -	48 through 127 V ac	24 through 70 V dc
L or R -	127 through 240 V ac	70 through 150 V dc
M -	---	24 through 70 V dc
N -	---	70 through 150 V dc
O -	---	150 through 250 V dc
S -	24 through 70 V ac	24 through 70 V dc
T -	70 through 250 V ac	70 through 250 V dc

V. .. - Suffix letters and/or numbers specifies Manufacturer's identification.

5061013 - -81
I II

I. Basic Type

*5061013 - For special application for contactors Type 3RT1.1 and contactor relays Type 3RH1 with resistors (2x91 ohms to 2x8200 Ohms, each 3 watt).

II. Ratings

- .. - rated 17 through 275 Vdc

NOMENCLATURE BREAKDOWN

3RT29	16	-1A	B	..
I	II	III	IV	V

I. Basic Type, EMC Unit

II. Size

16 - suitable for use with devices S00
26 - suitable for use with devices S0

III. Type of components

-1A - special manufacturer's identification
-1B - Varistor without LED
-1C - RC element with or without LED
-1D - diode without LED
-1E - diode combination (diode + Zener diode) without LED
-1F - Zener diode without LED
-1G - resistor without LED
-1J - Varistor with LED
-1L - diode with LED
-1M - diode combination with LED

The components must be recorded in Ill. 4 or ill. 5. The maximum numbers of components as described in the illustrations are the maximum of components with are soldered on the PWB.

IV. Voltage Ratings

A -	Special manufacturer's identification	
B -	24 through 48 V ac	24 through 70 V dc
C -	48 through 127 V ac	70 through 150 V dc
D -	127 through 240 V ac	150 through 240 V dc
E -	240 through 400 V ac	---
F -	400 through 600 V ac	---
G -	---	12 through 240 V dc
H -	---	24 through 240 V dc
H -	---	12 through 240 V dc (for type -1EH only)
J or P -	24 through 48 V ac	12 through 24 V dc
K or Q -	48 through 127 V ac	24 through 70 V dc
L or R -	127 through 240 V ac	70 through 150 V dc
M -	---	24 through 70 V dc
N -	---	70 through 150 V dc
O -	---	150 through 240 V dc
* S -	---	30 through 250 V dc
T -	70 through 240 V ac	70 through 240 V dc

V. .. - Suffix letters and/or numbers specifies Manufacturer's identification.

A8E56200700 085
I II

I. Basic Type

A8E56200700, A5E32671616

*For special application for contactors Type 3RT2.1 and
contactor relays Type 3RH2 with resistors

II. Ratings

- rated 17 through 275 Vdc*

3RT29 26 -1QT00
I II III

I. Basic Type

3RT19 - Suitable for use with 3RH1, 3RT1

3RT29 - Suitable for use with 3RH2, 3RT2

II. Manufacturer's Identification

26 - Manufacturers Identification

III. Display

-1QT00 - LED display indicator module.