



22 W COIL



27 W COIL

## UL RECOGNIZED COMPONENT MARK COILS



### UL RECOGNIZED COMPONENT MARK



#### UL CATEGORY CODE (CCN)

- U.S.A. **YSY12**
- Canada **YSY18**

The UL Recognized Component Mark may be used on component parts that are part of a larger product or system. The UL Mark is the most widely recognised and accepted evidence of product's compliance with Canadian and USA safety requirements.

#### ARON UL FILE NUMBER **MH45162**

UL category code number (CCN) is assigned in order to identify which product categories are covered by UL's Certification. Our category covers valve parts, such as solenoid operators, coil assemblies, coil enclosures, valve assemblies and similar items intended to be used as parts of electrically operated valves as indicated in the individual Recognitions.

Visiting the UL web site ([www.ul.com](http://www.ul.com)), linking *certifications* and writing the correct Aron UL File Number you can find our Certification.

The UL File Number is an alphanumeric designation assigned to any Company upon successful completion of a product evaluation or company certification.

### "22 W" DC COILS

#### IDENTIFICATION MARK



#### 1 Recognized Component Mark

#### 2 Type Coil code, voltage and connector type

- M.14.04.0021** 12 VDC (Hirschmann)
- M.14.04.0022** 24 VDC (Hirschmann)
- M.14.04.0031** 12 VDC (With flying leads)
- M.14.04.0032** 24 VDC (With flying leads)

#### 3 21W@+ 50°C Power at +50°C (ambient temperature) for 12 and 24V coils

27W@- 25°C Power at -25°C (ambient temperature) for 12 and 24V coils

#### 4 ED 100% Duty cycle

#### 5 Tamb -25°C ÷ +50°C Ambient operating temperature

#### 6 Class H Insulation class wire

### "27W" DC COILS

#### IDENTIFICATION MARK



#### 1 Recognized Component Mark

#### 2 Type Coil code, voltage and connector type

- M.14.31.0011** 12 VDC (Hirschmann)
- M.14.31.0012** 24 VDC (Hirschmann)
- M.14.07.0021** 12 VDC (With flying leads)
- M.14.07.0022** 24 VDC (With flying leads)

#### 3 22W@+ 50°C Power at +50°C (ambient temperature) for 12V coils

27W@+ 50°C Power at +50°C (ambient temperature) for 24V coils

32W@- 25°C Power at -25°C (ambient temperature) for 12 and 24V coils

#### 4 ED 100% Duty cycle

#### 5 Tamb -25°C ÷ +50°C Ambient operating temperature

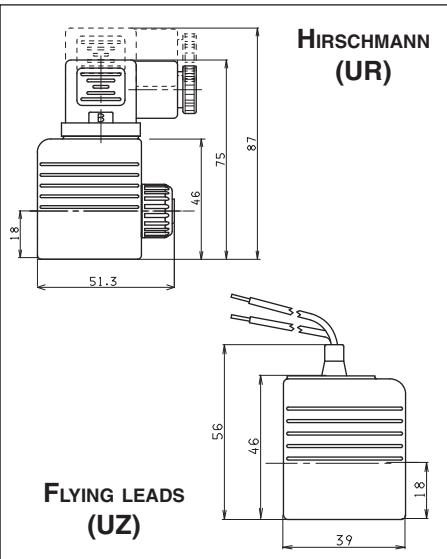
#### 6 Class H Insulation class wire



The product safety symbol.

is the accredited Unit to release the UL Mark, the most valued

## "22W" DC COILS - UL RECOGNIZED



Type of protection (in relation to connector used)	IP 65
Number of cycle	18.000/h
Supply tolerance	-15% / +10%
Ambient temperature	-25°C ÷ 50°C
Power at +50°C (ambient temperature) for 12 and 24V coils	21W
Power at -25°C (ambient temperature) for 12 and 24V coils	27W
Duty cycle	100% ED
Insulation class wire	H
Weight	0,215 Kg

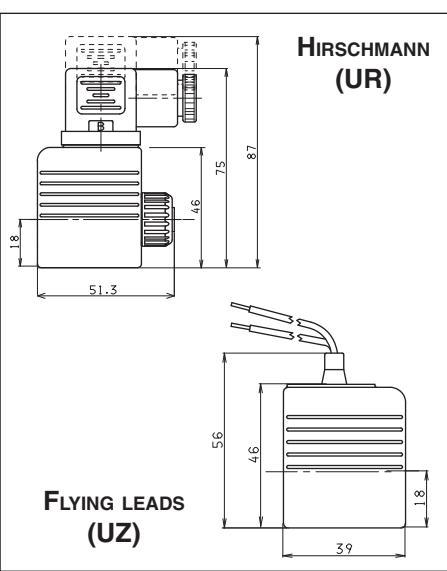
VOLTAGE (V)	MAX WINDING TEMPERATURE (AMBIENT TEMPERATURE 25°C)	RATED POWER (W)	RESISTANCE AT 20°C (OHM) ±10%
12V	116°C	22	6.30
24V	116°C	22	25.60

ETUL22W - 00/2007/e

### VARIANT AND VOLTAGE CODES (WHICH HAVE TO PUT IN THE ORDERING CODE VALVE)

<b>"22W" MOUNTING COMPATIBILITY</b>	CRP, CRD, C2V02 and C3V02 see Ch. V "Cartridge valves"
<b>VARIANT CODE</b>	<b>UR</b> = Hirschmann connection <b>UZ</b> = Solenoid with flying leads (500 mm) Other variants relate to a special design
<b>VOLTAGE CODE</b>	<b>L</b> = 12 VDC <b>M</b> = 24 VDC Voltage code is always stamped over on the coil

## "27W" DC COILS - UL RECOGNIZED



Type of protection (in relation to connector used)	IP 65
Number of cycle	18.000/h
Supply tolerance	-15% / +10%
Ambient temperature	-25°C ÷ 50°C
Power at +50°C (ambient temperature) for 12V coil	22W
Power at +50°C (ambient temperature) for 24V coil	27W
Power at -25°C (ambient temperature) for 12 and 24V coils	32W
Duty cycle	100% ED
Insulation class wire	H
Weight	0,215 Kg

VOLTAGE (V)	MAX WINDING TEMPERATURE (AMBIENT TEMPERATURE 25°C)	RATED POWER (W)	RESISTANCE AT 20°C (OHM) ±7%
12V	123°C	27	5.30
24V	123°C	27	21.30

ET27WUL - 00/2007/e

### VARIANT AND VOLTAGE CODES (WHICH HAVE TO PUT IN THE ORDERING CODE VALVE)

<b>"27W" MOUNTING COMPATIBILITY</b>	AD2E... ADC3E.. and CDL04... see Ch. I "Directional control" C3V03... see Ch. V "Cartridge valves" CDC3... see Ch. XI "Stackable valves"
<b>VARIANT CODE</b>	<b>UR</b> = Hirschmann connection <b>UZ</b> = Solenoid with flying leads (250 mm) Other variants relate to a special design
<b>VOLTAGE CODE</b>	<b>L</b> = 12 VDC <b>M</b> = 24 VDC Voltage code is always stamped over on the coil