22 W COIL

27 W COIL

UL Recognized Component Mark coils

UL Recognized Component Mark

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.

UL category code (CCN)

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

UL category code number (CCN) is assigned in order to identify wich 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.

UL File Number

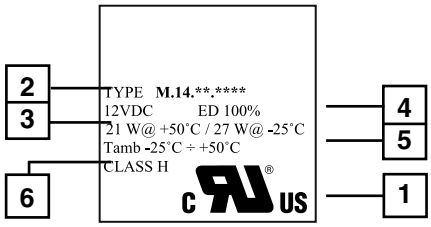
MH45162

Visiting the UL web site (www.ul.com), linking *certifications* and writing the correct 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

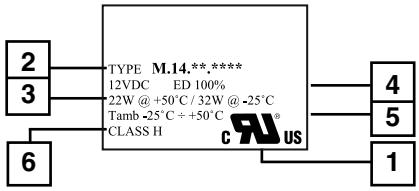
Identification mark



1		Recognized Component Mark
2	**Type**	Coil code, voltage and connector type
	M14040021	12 VDC (Hirschmann)
	M14040022	24 VDC (Hirschmann)
	M14040031	12 VDC (With flying leads)
	M14040032	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



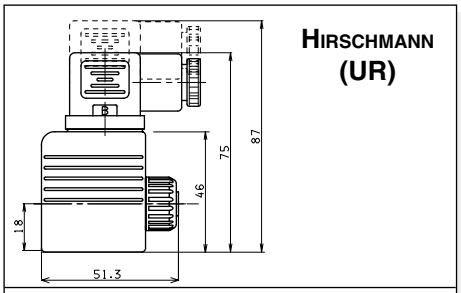
1		Recognized Component Mark
2	**Type**	Coil code, voltage and connector type
	M14310011	12 VDC (Hirschmann)
	M14310012	24 VDC (Hirschmann)
	M14070021	12 VDC (With flying leads)
	M14070022	24 VDC (With flying leads)
3	**22W@+ 50°C**	Power at +50°C (ambient temperature) for 12V coils
	27W@+ 50°C	Power 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 Underwriters Laboratories Inc.® is the accredited Unit to release the UL Mark, the most valued product safety symbol.

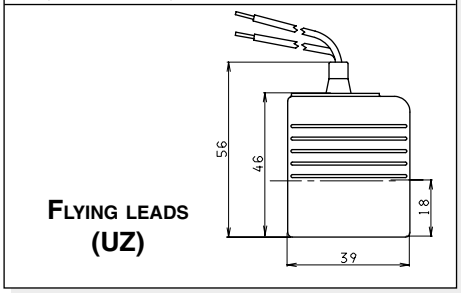
12

"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



HIRSCHMANN (UR)



FLYING LEADS (UZ)

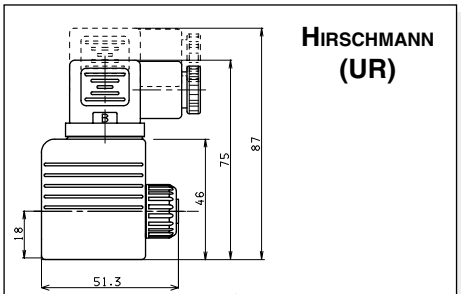
VOLTAGE (V)	MAX WINDING TEMPERATURE (AMBIENT TEMPERATURE 25°C)	RATED POWER (W)	RESISTANCE AT 20°C (OHM) ±10%
12V	116°C	22	6.30
24V	116°C	22	25.60

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

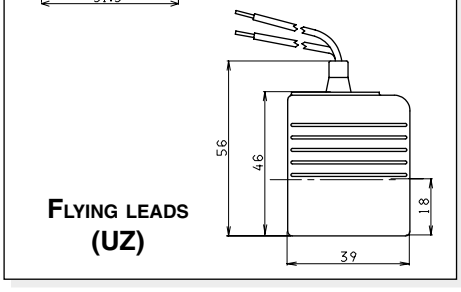
"22W" MOUNTING COMPATIBILITY	CRP, CRD, C2V02 and C3V02 see Ch. V "Cartridge valves"
VARIANT CODE	**UR** = Hirschmann connection **UZ** = Solenoid with flying leads (500 mm) Other variants relate to a special design
VOLTAGE CODE	**L** = 12 VDC **M** = 24 VDC Voltage code is always stamped over on the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



HIRSCHMANN (UR)



FLYING LEADS (UZ)

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

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

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