

CCSOA COILS SERIES

18W - Continuous duty - ED100%

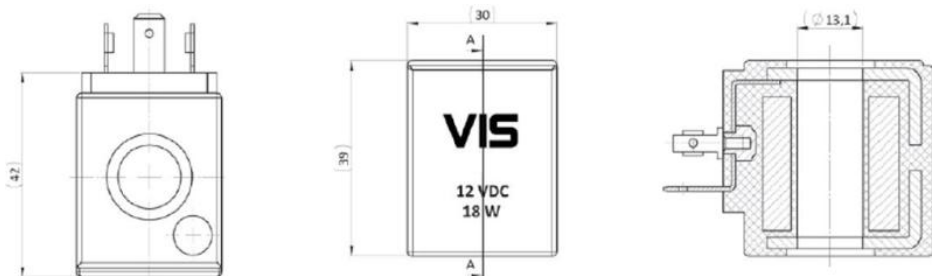
Plastic Encapsulation



DESCRIPTION

Magnetic circuit encapsulated with thermoplastic compound.
Black standard colour.
Metal parts protected against oxidation according to RoHS directive.
Bore size: Ø13.1 mm

PROSPECTIVE

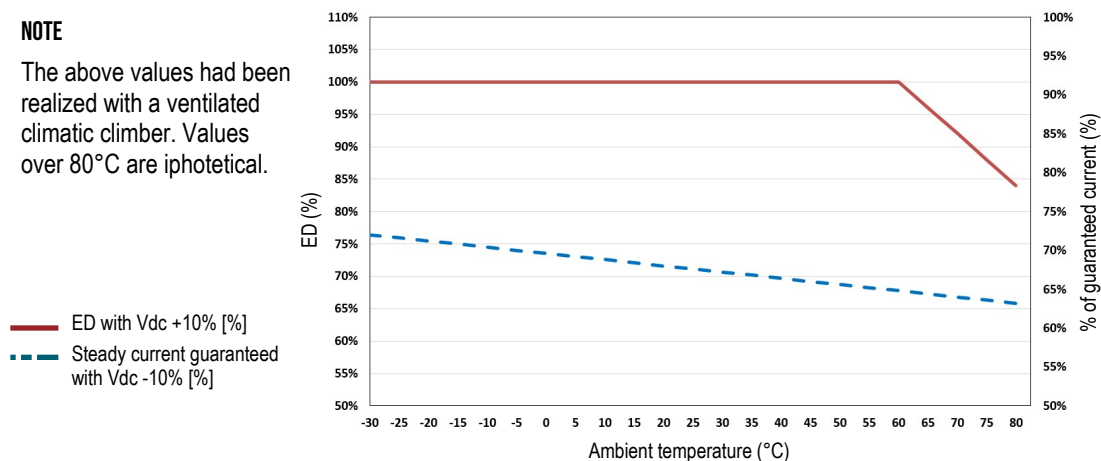


PERFORMANCE DETAILS

NOTE

The above values had been realized with a ventilated climatic climber. Values over 80°C are iphotetical.

Duty cycle vs ambient temperature & steady current vs ambient temperature



TECHNICAL DATA

POWER	18W
VARIOUS VOLTAGE OPTIONS AVAILABLE	both AC and DC
COILS INSULATION CLASS	"F " (155°)
WIRE INSULATION CLASS	"H " (200°)
ED	100%
SUPPLY POWER TOLERANCE	±10% (DC); +10% -5% (AC)
SEVERAL CONNECTOR OPTIONS AVAILABLE	see page 611
AMBIENT TEMPERATURE RANGE	-30°C, 60° C (standard) -40°C, 80° C (with IXEF encapsulation)
IP COIL WITH CONNECTOR	see page 611
IP COIL (WITHOUT O-RINGS AND NUT)	54
SEAL KIT CODE	SK.027 (standard sealing NBR-BUNA-N)
WEIGHT	0,170 kg

ORDERING CODE

C	C	S	O	A	.	*	*	*	.	A	O	.	*	*
COIL BASIC CODE					VOLTAGE			POWER			MARKING			
BOOR SIZE A = Ø 13,1 mm								A = 18W			0 = Standard factory marking (logo+voltage+power). Customized marking can be done upon request.			
											TYPE OF CURRENT			
											C = Direct current R = Alternate current *please note alternate current coils have to be supplied with rectified current. Vis is supplying proper CCN connector to be used with different alternate current input voltages			
											Model code			
											Type of connector			
											00 DIN43650			
											01 Flying Leads (200 mm)			
											02 AMP Junior			
											04 Bipolar cable			
											05 AMP Superseal			
											08 DEUTSCH (90°)			
											09 DEUTSCH			
											10 Faston			
											11 KOSTAL (M27 x 1)			
											13 KOSTAL (M24 x 1)			
											17 Dual spade			

CCHOA COILS SERIES

20W - Continuous duty - ED100%

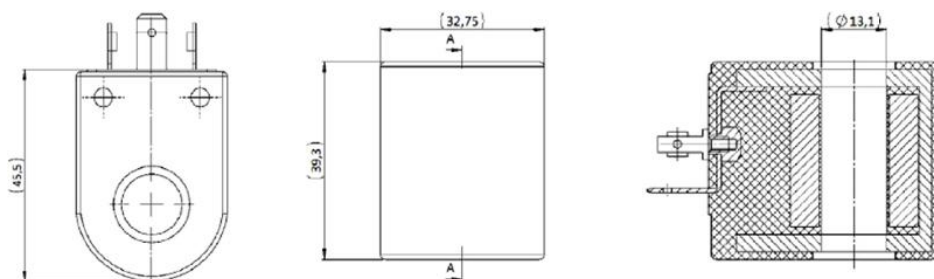
Plastic Encapsulation



DESCRIPTION

Magnetic circuit encapsulated with thermoplastic compound.
Black standard colour.
Metal parts protected against oxidation according to RoHS directive.
Bore size: Ø13.1 mm

PROSPECTIVE

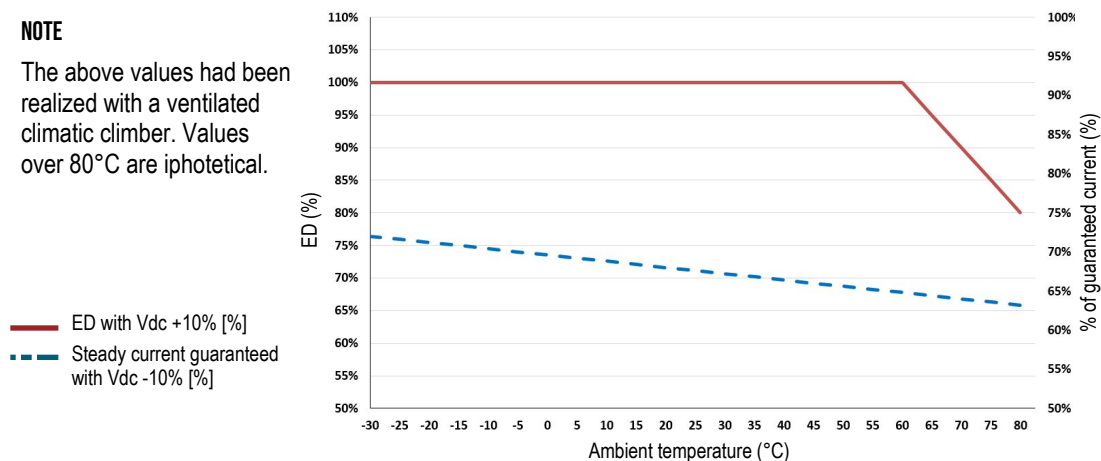


PERFORMANCE DETAILS

NOTE

The above values had been realized with a ventilated climatic chamber. Values over 80°C are iphotetical.

Duty cycle vs ambient temperature & steady current vs ambient temperature



TECHNICAL DATA

POWER	20W
VARIOUS VOLTAGE OPTIONS AVAILABLE	both AC and DC
COILS INSULATION CLASS	"F " (155°)
WIRE INSULATION CLASS	"H " (180°)
ED	100%
SUPPLY POWER TOLERANCE	±10% (DC); +10% -5% (AC)
SEVERAL CONNECTOR OPTIONS AVAILABLE	see page 611
AMBIENT TEMPERATURE RANGE	-30°C, 60° C (standard) -40°C, 80° C (with IXEF encapsulation)
IP COIL WITH CONNECTOR	see page 611
IP COIL (WITHOUT O-RINGS AND NUT)	54
SEAL KIT CODE	SK.027 (standard sealing NBR-BUNA-N)
WEIGHT	0,190 kg

ORDERING CODE

C	C	H	O	A	.	*	*	*	.	B	O	.	*	*														
COIL BASIC CODE						VOLTAGE				POWER			MARKING															
BOOR SIZE A = Ø 13,1 mm										B = 20W																		
TYPE OF CURRENT						0 = Standard factory marking (logo+voltage+power). Customized marking can be done upon request.																						
C = Direct current R = Alternate current *please note alternate current coils have to be supplied with rectified current. Vis is supplying proper CCN connector to be used with different alternate current input voltages																												
<table><tr><th>Model code</th><th>Type of connector</th></tr><tr><td>00</td><td>DIN43650</td></tr><tr><td>01</td><td>Flying Leads (200 mm)</td></tr><tr><td>02</td><td>AMP Junior</td></tr><tr><td>05</td><td>AMP Superseal</td></tr><tr><td>08</td><td>DEUTSCH (90°)</td></tr><tr><td>17</td><td>Dual spade</td></tr></table>															Model code	Type of connector	00	DIN43650	01	Flying Leads (200 mm)	02	AMP Junior	05	AMP Superseal	08	DEUTSCH (90°)	17	Dual spade
Model code	Type of connector																											
00	DIN43650																											
01	Flying Leads (200 mm)																											
02	AMP Junior																											
05	AMP Superseal																											
08	DEUTSCH (90°)																											
17	Dual spade																											

Specifications may change without notice.

CCSOA COILS SERIES

22W - Continuous duty - ED100%

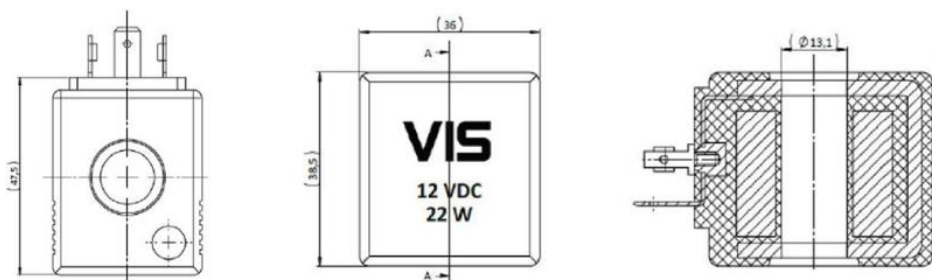
Plastic Encapsulation



DESCRIPTION

Magnetic circuit encapsulated with thermoplastic compound.
Black standard colour.
Metal parts protected against oxidation according to RoHS directive.
Bore size: Ø13,1 mm

PROSPECTIVE

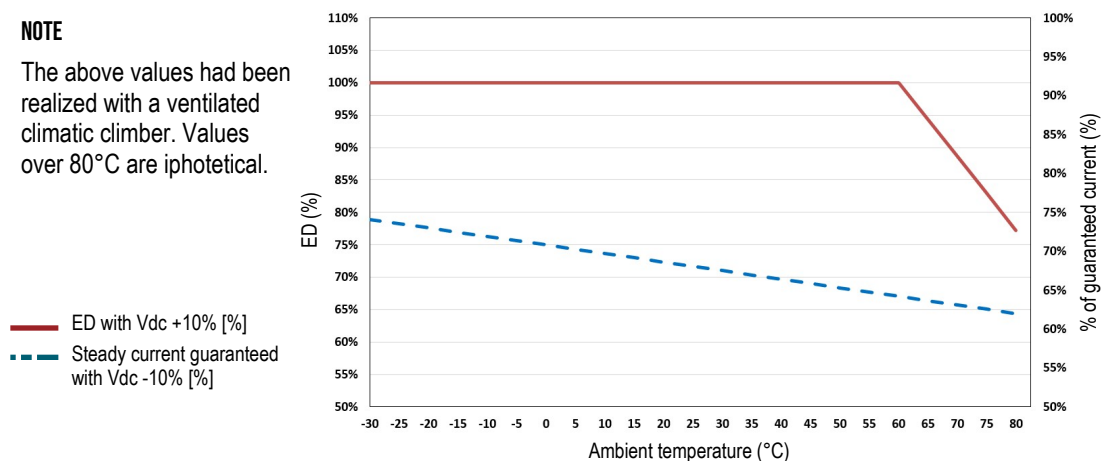


PERFORMANCE DETAILS

NOTE

The above values had been realized with a ventilated climatic climber. Values over 80°C are iphotetical.

Duty cycle vs ambient temperature & steady current vs ambient temperature



TECHNICAL DATA

POWER	22W
VARIOUS VOLTAGE OPTIONS AVAILABLE	both AC and DC
COILS INSULATION CLASS	"F " (155°)
WIRE INSULATION CLASS	"H " (200°)
ED	100%
SUPPLY POWER TOLERANCE	±10% (DC); +10% -5% (AC)
SEVERAL CONNECTOR OPTIONS AVAILABLE	see page 611
AMBIENT TEMPERATURE RANGE	-30°C, 60° C (standard) -40°C, 80° C (with IXEF encapsulation)
IP COIL WITH CONNECTOR	see page 611
IP COIL (WITHOUT O-RINGS AND NUT)	54
SEAL KIT CODE	SK.027 (standard sealing NBR-BUNA-N)
WEIGHT	0,190 kg

ORDERING CODE

C	C	S	O	A	.	*	*	*	.	C	O	.	*	*
COIL BASIC CODE					VOLTAGE			POWER		MARKING		Type of connector		
BOOR SIZE A = Ø 13,1 mm								C = 22W		0 = Standard factory marking (logo+voltage+power). Customized marking can be done upon request.		Model code		
												00	DIN43650	
												01	Flying Leads (200 mm)	
												02	AMP Junior	
												04	Bipolar cable	
												05	AMP Superseal	
												08	DEUTSCH (90°)	
												09	DEUTSCH	
												10	Faston	
												11	KOSTAL (M27 x 1)	
												13	KOSTAL (M24 x 1)	
												17	Dual spade	

CCSOA COILS SERIES

27W - Continuous duty - ED100%

Plastic Encapsulation



DESCRIPTION

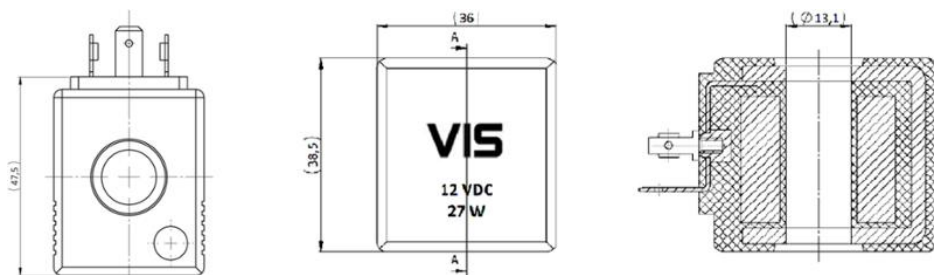
Magnetic circuit encapsulated with thermoplastic compound.

Black standard colour.

Metal parts protected against oxidation according to RoHS directive.

Bore size: Ø13.1 mm

PROSPECTIVE

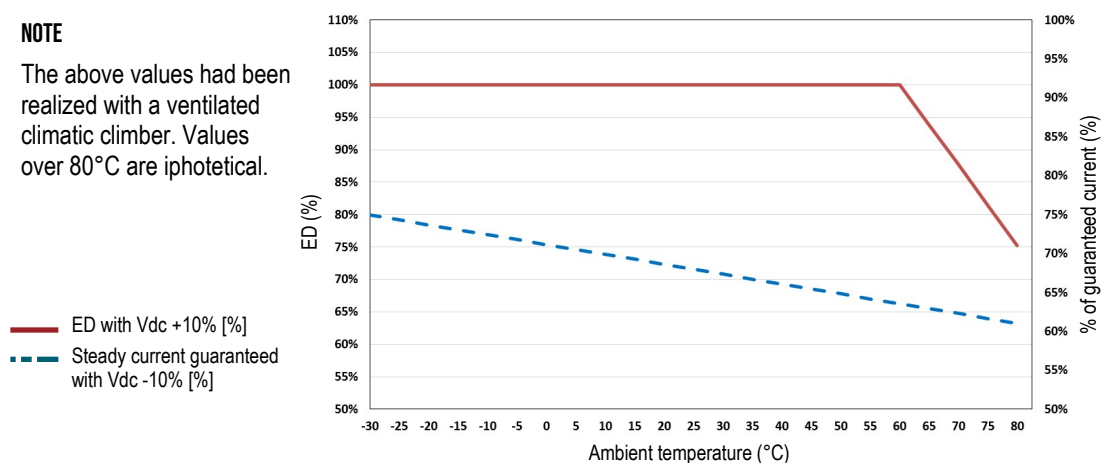


PERFORMANCE DETAILS

NOTE

The above values had been realized with a ventilated climatic climber. Values over 80°C are iphotetical.

Duty cycle vs ambient temperature & steady current vs ambient temperature



TECHNICAL DATA

POWER	27W
VARIOUS VOLTAGE OPTIONS AVAILABLE	both AC and DC
COILS INSULATION CLASS	"F " (155°)
WIRE INSULATION CLASS	"H " (200°)
ED	100%
SUPPLY POWER TOLERANCE	±10% (DC); +10% -5% (AC)
SEVERAL CONNECTOR OPTIONS AVAILABLE	see page 611
AMBIENT TEMPERATURE RANGE	-30°C, 60° C (standard) -40°C, 80° C (with IXEF encapsulation)
IP COIL WITH CONNECTOR	see page 611
IP COIL (WITHOUT O-RINGS AND NUT)	54
SEAL KIT CODE	SK.027 (standard sealing NBR-BUNA-N)
WEIGHT	0,250 kg

ORDERING CODE

C	C	S	O	A	.	*	*	*	.	D	O	.	*	*	
COIL BASIC CODE					VOLTAGE			POWER			MARKING			Type of connector	
BOOR SIZE A = Ø 13,1 mm								D = 27W			0 = Standard factory marking (logo+voltage+power). Customized marking can be done upon request.			Model code	
														00	DIN43650
														01	Flying Leads (200 mm)
														02	AMP Junior
														04	Bipolar cable
														05	AMP Superseal
														08	DEUTSCH (90°)
														09	DEUTSCH
														10	Faston
														11	KOSTAL (M27 x 1)
														13	KOSTAL (M24 x 1)
														17	Dual spade

Specifications may change without notice.

CCR1D COILS SERIES

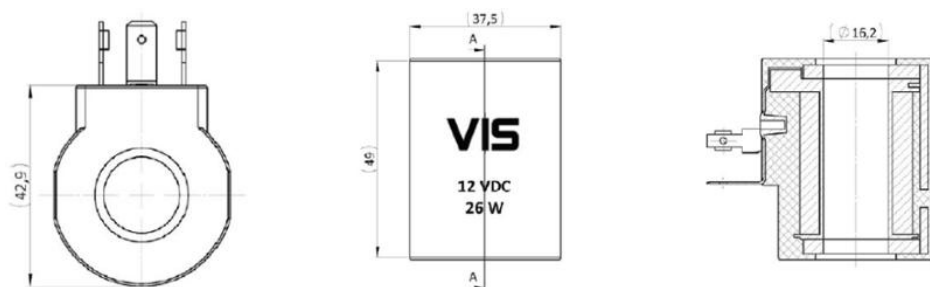
26W - Continuous duty - ED100%
Plastic Encapsulation



DESCRIPTION

Magnetic circuit encapsulated with thermoplastic compound.
Black standard colour.
Metal parts protected against oxidation according to RoHS directive.
Bore size: Ø16.2 mm

PROSPECTIVE

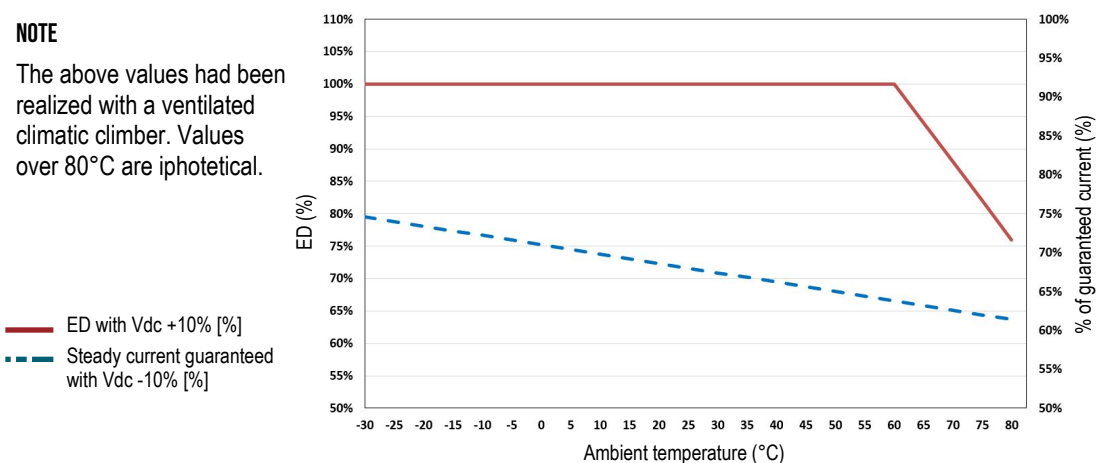


PERFORMANCE DETAILS

NOTE

The above values had been realized with a ventilated climatic climber. Values over 80°C are iphotetical.

Duty cycle vs ambient temperature & steady current vs ambient temperature



TECHNICAL DATA

POWER	26W
VARIOUS VOLTAGE OPTIONS AVAILABLE	both AC and DC
COILS INSULATION CLASS	"F " (155°)
WIRE INSULATION CLASS	"H " (180°)
ED	100%
SUPPLY POWER TOLERANCE	±10% (DC); +10% -5% (AC)
SEVERAL CONNECTOR OPTIONS AVAILABLE	see page 611
AMBIENT TEMPERATURE RANGE	-30°C, 60° C (standard) -40°C, 80° C (with IXEF encapsulation)
IP COIL WITH CONNECTOR	see page 611
IP COIL (WITHOUT O-RINGS AND NUT)	54
SEAL KIT CODE	SK.027 (standard sealing NBR-BUNA-N)
WEIGHT	0,170 kg

ORDERING CODE

C	C	R	1	D	.	*	*	*	.	L	0	.	*	*
COIL BASIC CODE						VOLTAGE				POWER			Type of connector	
BOOR SIZE										L = 26W			Model code	
A = Ø 16,2 mm													00	
													01	
													02	
													04	
													05	
													08	

TYPE OF CURRENT

C = Direct current

R = Alternate current

*please note alternate current coils have to be supplied with rectified current. Vis is supplying proper CCN connector to be used with different alternate current input voltages

MARKING

0 = Standard factory marking (logo+voltage+power). Customized marking can be done upon request.

CCROA COILS SERIES

20,5W - Continuous duty - ED100%

Robust design with outer metal cage



DESCRIPTION

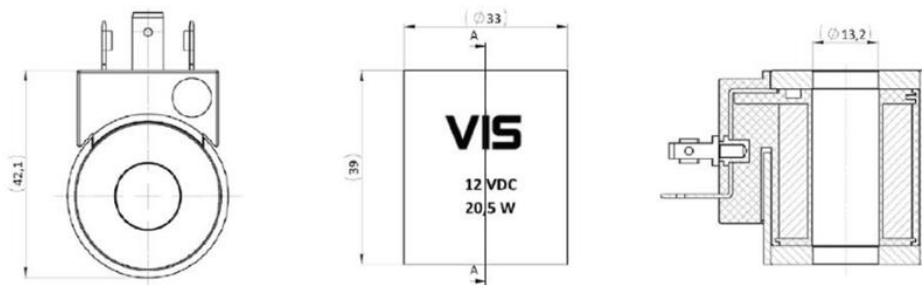
External plated metal cage and shims to maximize electromagnetic output.

Metal parts protected against oxidation according to RoHS directive.

Bore size: Ø13.1 mm.

Suitable for HEAVY DUTY operations.

PROSPECTIVE

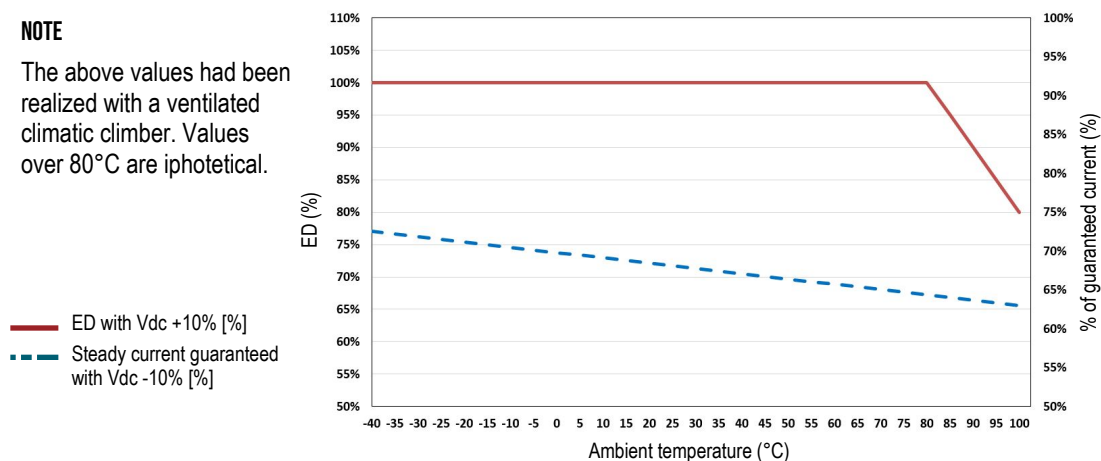


PERFORMANCE DETAILS

NOTE

The above values had been realized with a ventilated climatic climber. Values over 80°C are iphotetical.

Duty cycle vs ambient temperature & steady current vs ambient temperature



TECHNICAL DATA

POWER	20.5W
VARIOUS VOLTAGE OPTIONS AVAILABLE	both AC and DC
COILS INSULATION CLASS	"H " (180°)
WIRE INSULATION CLASS	"H " (200°)
ED	100%
SUPPLY POWER TOLERANCE	±10% (DC); +10% -5% (AC)
SEVERAL CONNECTOR OPTIONS AVAILABLE	see page 611
AMBIENT TEMPERATURE RANGE	-40°C, 80° C (standard)
IP COIL WITH CONNECTOR	see page 611
WEIGHT	0,190 kg

ORDERING CODE

C	C	R	O	A	.	*	*	*	.	I	*	.	*	*
COIL BASIC CODE					VOLTAGE			POWER						
BOOR SIZE								I = 20.5W						
A = Ø 13,1 mm														
					</									