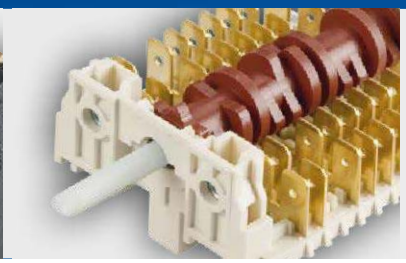
30

everel

THE WORLD IN A CLICK

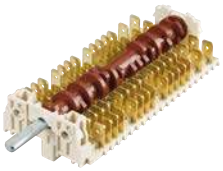
SELECTORS



Dreefs SIGNAL LUX gimem MOLVENO KAUTT & BUX

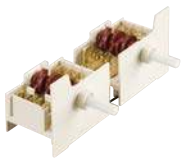
Selectors

04



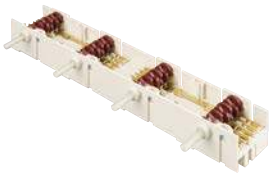
HE 176

5HE 7TAKT 180

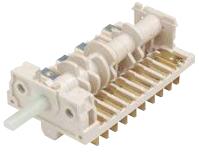


5HE 7TAKT DUO 182

HT 184

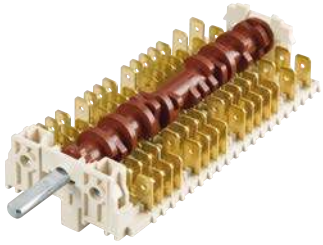


5HE 4 BLOCK 186



CH 187

2CH WITH ENCODER 188



HE

TYPICAL APPLICATIONS	Function selector switch
WIRING DIAGRAMAS	2 - 14 positions Rast 5 connectors
GWFI	850 °C
GWIT	750 °C

On demand

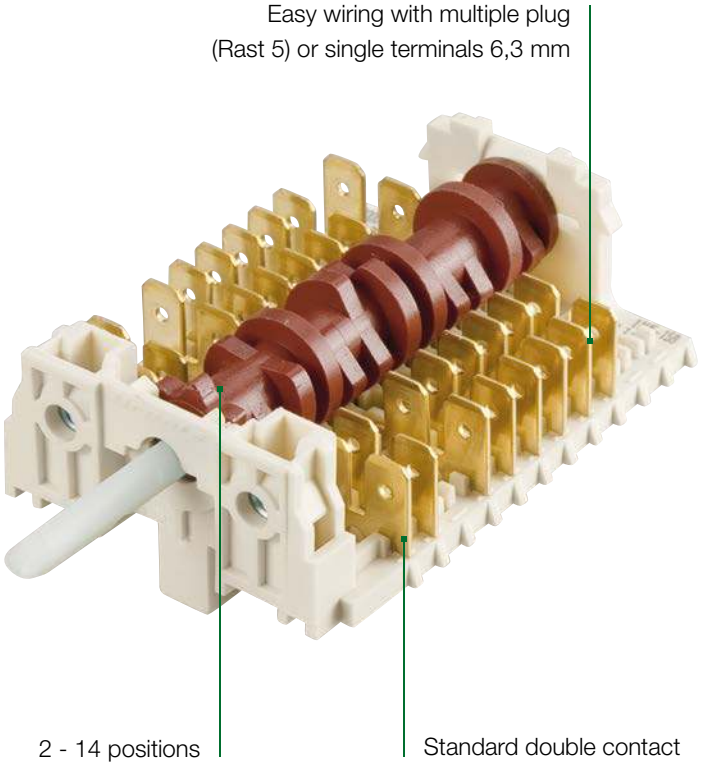
Rotary switches with a wide range of configurations. 6 types of housing available, different for the maximum number of contacts. HE series is automatically assembled in a great variety of configurations.

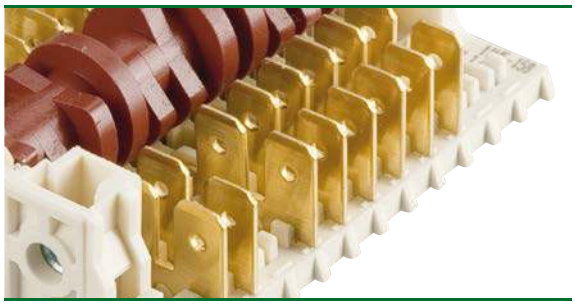
- Function selector switch
- Child lock - push to turn feature on demand
- Coupling with encoder available
- Flexibility of wiring diagrams
- Different “click” or frictional feeling
- Metal or plastic shafts with different lenghts: 12,5 - 46 mm (standard shafts protude: 23 mm)

Rating
16 A / 250 VAC - 10E3
12 A / 400 VAC - 30E3
0,25 A / 250 VAC - 30E3
T150 °C
According to
EN61058-1 standard

16 A / 250 VAC
T120 °C
According to
UL 1054

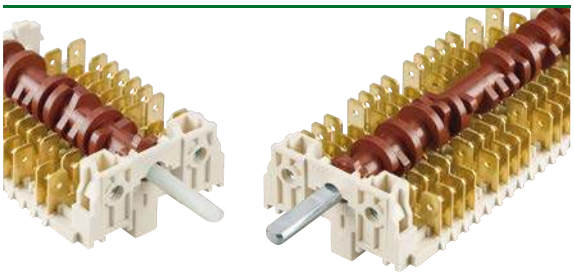
EXAMPLE OF 11HE WITH 8 CONTACTS





TYPICAL TERMINALS

■ Single terminals ■ Double terminals ■ Chopped
- left
- center
- right

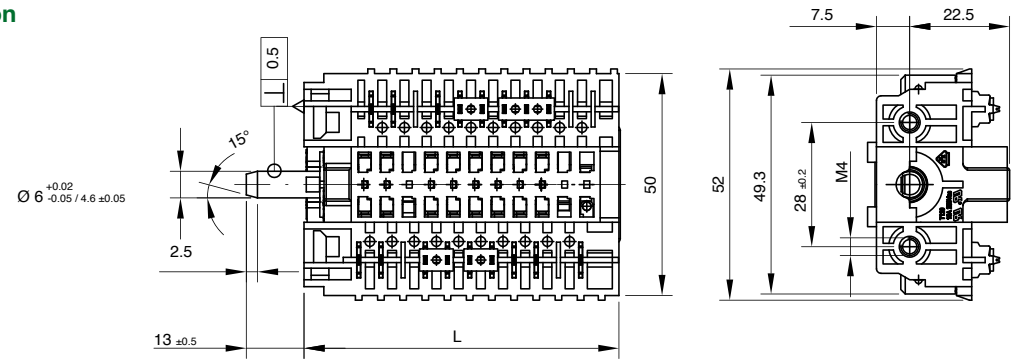


TYPES OF SHAFT

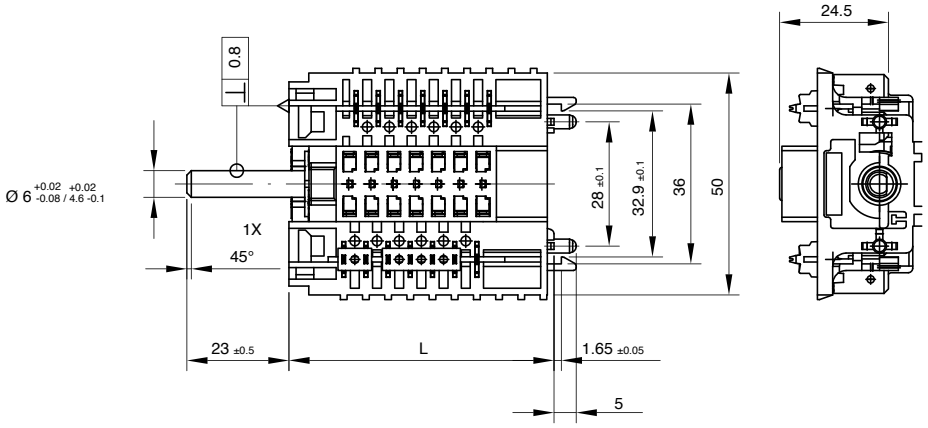
Plastic Metal

DIMENSIONS

Standard version



Thermostat version

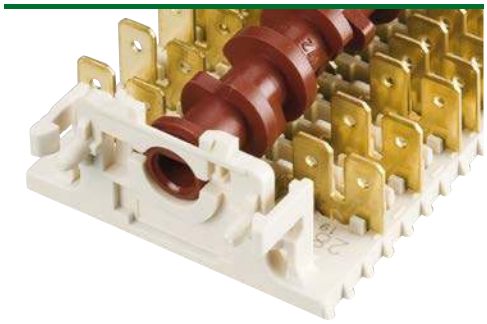


TECHNICAL FEATURES

		Length	
Version	No. contacts	L	L thermostat version
3HE	up to 3	30	38
5HE	up to 5	40	48
7HE	up to 7	50	58
11HE	up to 11	70	78
15HE	up to 15	90	98
19HE	up to 19	110	118

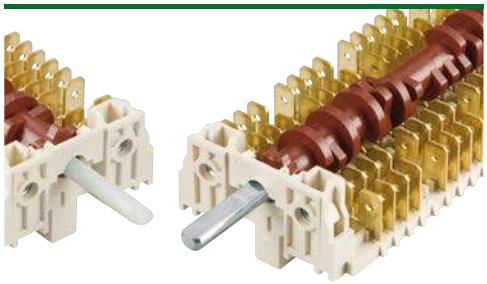
OPTIONS

Higher number of contacts, multiple versions, possibility to use accessories are the main features of HE series.



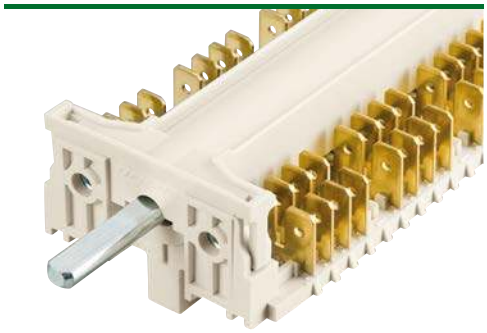
Body with accessory holder

- Possibility to use in conjunction with a capillary thermostat or an encoder



Shaft

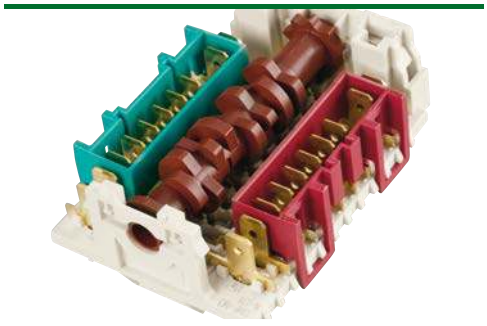
- Metal or plastic shaft with length on demand (12.5 - 46 mm)
- Standard shaft length: 23.5 mm



Cam cover

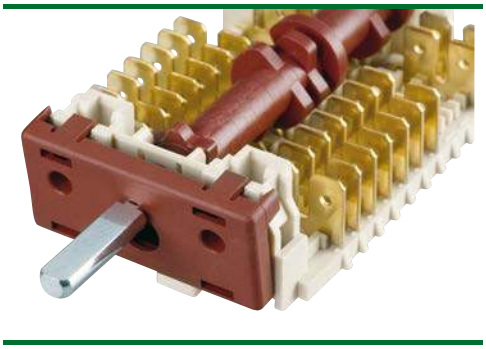
- Cam cover protects cam and contacts from dirt and waste of cooking.

Note: cam cover is available for 11 and 19 versions.



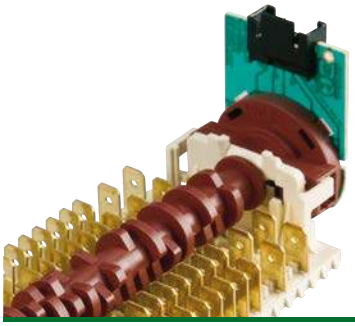
Terminal housing

- Various dimensions of terminal housing:
  for 2 - 4 - 6 connections.
- Terminal housing available only for single terminal version.



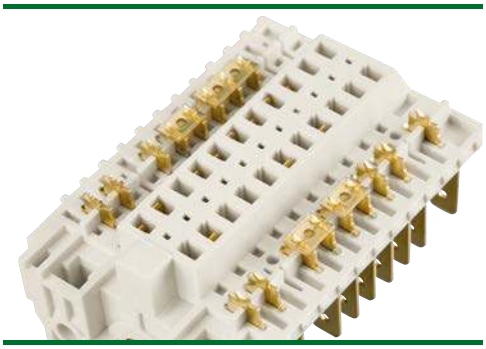
Child lock - push to turn feature

- Push to turn safety feature available.



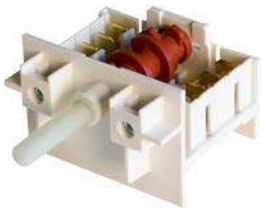
Coupling with encoder

- HE series can be coupled to an electromechanical to control electrical and power signals.



Bridges

- The use of bridges between contacts increases range of combinations.
- For every line the number of bridges can vary between 0 up to 5.
- It can be joined up to 7 contacts.



5HE
7TAKT

TYPICAL APPLICATIONS	Hobs control
WIRING DIAGRAMAS	7 positions
GWFI	850 ºC
GWIT	750 ºC

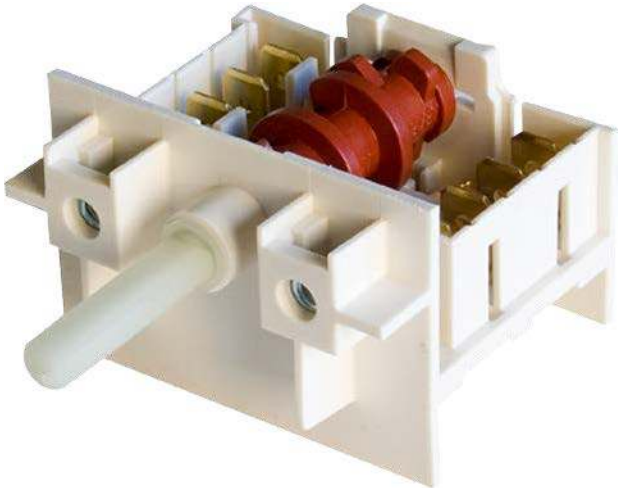
On demand

Rotary switches with different mounting solution available, 7 positions, with electric rating up to 12A. Ideal for hobs control, with a terminal housing conjuncted to the body.

- Standard connecting with single terminals 6,3 mm
- Different mounting solutions available:
  snap-in, nuts or screw fixing
- 30.000 cycles
- Plastic shafts with different lengths (16 - 31 mm)

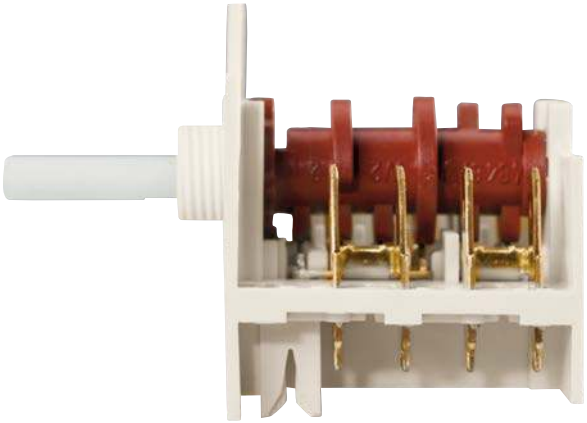
Rating
12 A / 400 VAC 30E3
T150 °C
According to
EN61058-1 standard

16 A / 250 VAC
T120 °C
According to
UL 1054

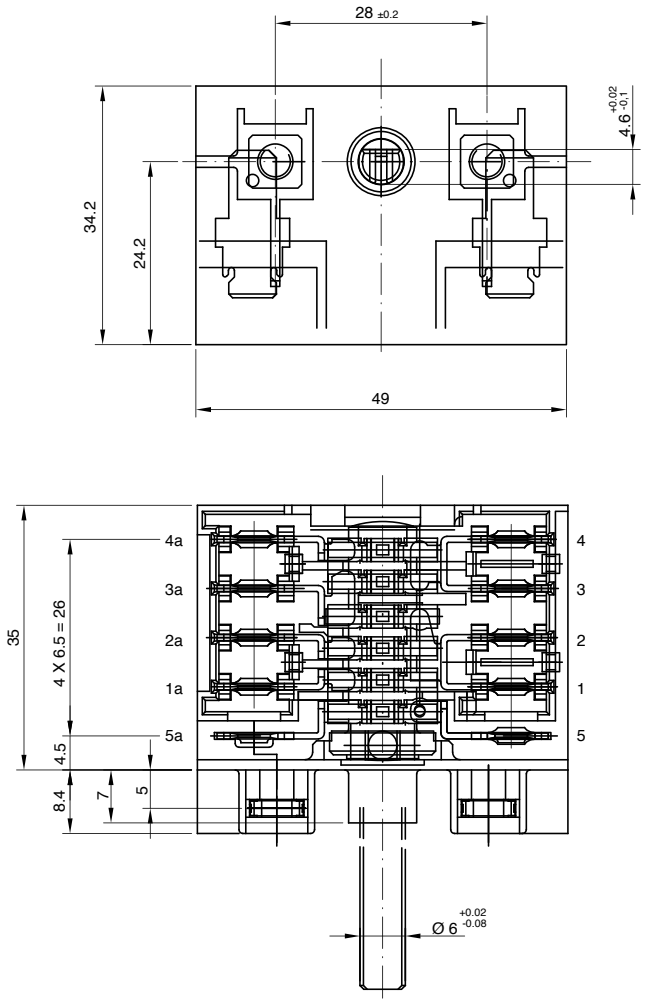


TECHNICAL FEATURES

Rast 6,5 multiple connection.



DIMENSIONS



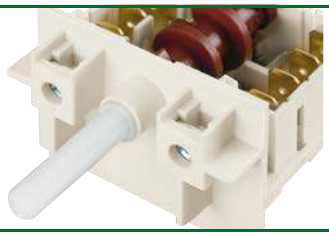
CONTACT SEQUENCE

Pos.	Ang.	P3	P1			P2	
		5a	1a-2a			3a-4a	
		5	1	1	3-3		4
		5	2	2	3-3		4
0	0°						
1	51,4°	■	■	■		■	■
2	102,8°	■		■		■	■
3	154,2°	■		■		■	
4	205,6°	■		■			■
5	257,0°	■			■		■
6	308,4°	■	■			■	

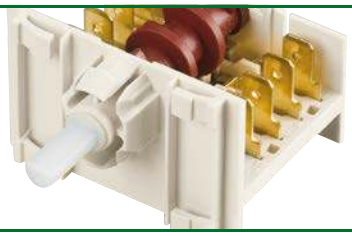
SOLUTIONS

Nut Fixing

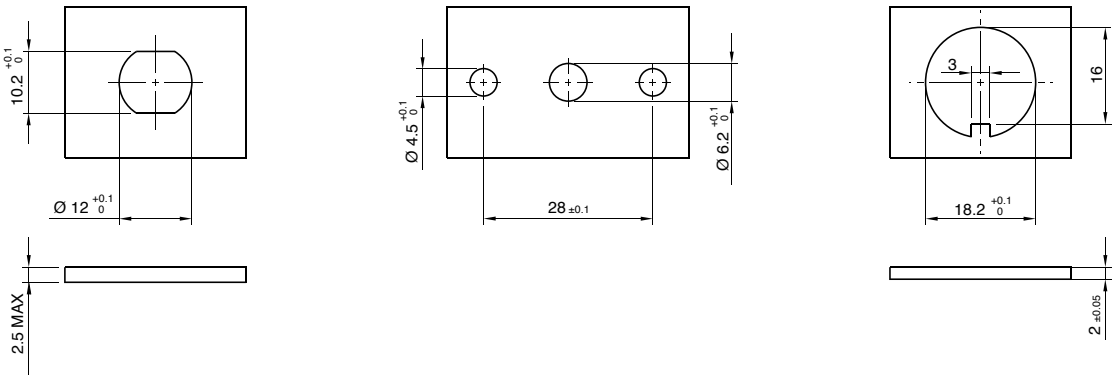
Screw fixing

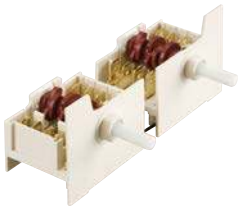


Snap-in fixing



CUT OUT





5HE 7TAKT DUO

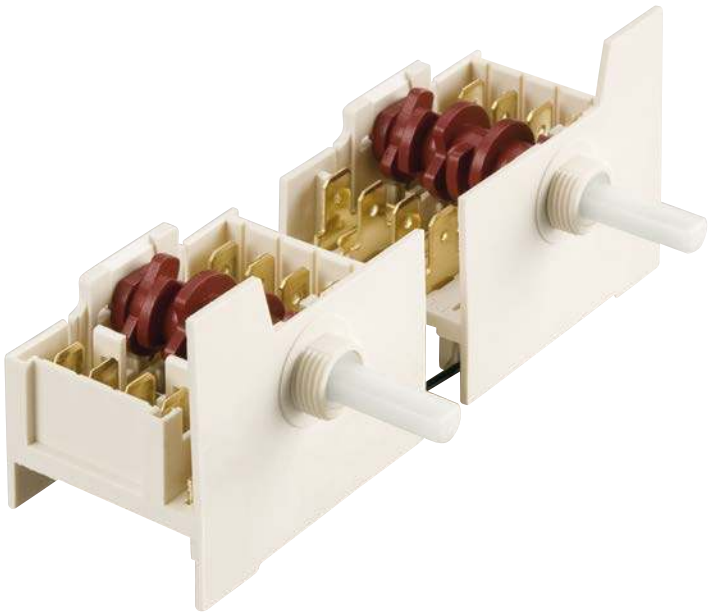
TYPICAL APPLICATIONS	Hobs control
WIRING DIAGRAMAS	7 positions
GWFI	850 ºC
GWFI	750 ºC

On demand

This series is composed of two 5HE 7TAKT rotary selectors, 3 different distances of axis available (55, 60 and 65 mm). Each selector has 7 positions, electric rating up to 12A and different mounting solutions. Duo block permits to make the wiring easier.

- Standard connecting with single terminals 6,3 mm
- Different mounting solutions available: snap-in, nuts or central mounting
- Metal or plastic shafts with different lengths
- Rast 6,5 multiple connection available
- Metal or plastic shafts with different lenghts: (16 - 31 mm)

EXAMPLE OF 5HE 7TAKT DUO WITH NUTS

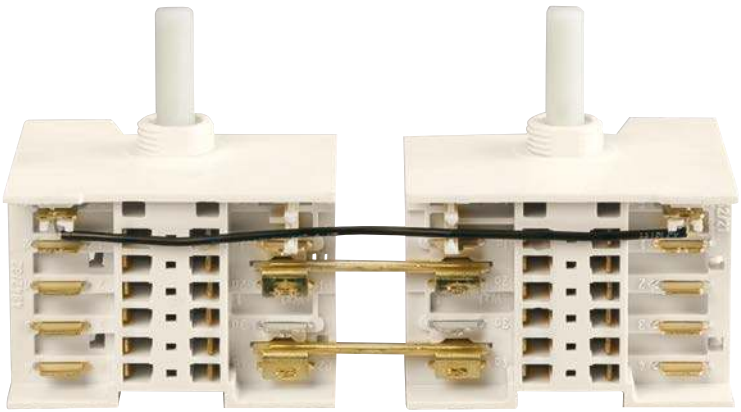


Rating
12 A / 400 VAC 30E3
T150 °C
According to
EN61058-1 standard

16 A / 250 VAC
T120 °C
According to
UL 1054

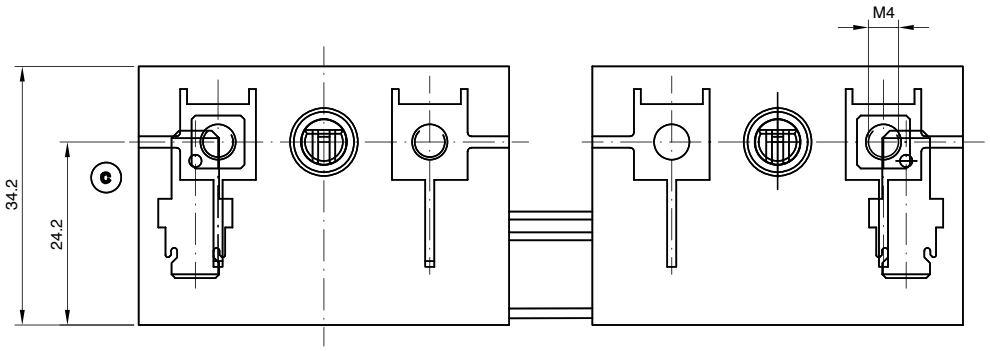
TECHNICAL FEATURES

Various distances of axis available:
55, 60 and 65 mm.

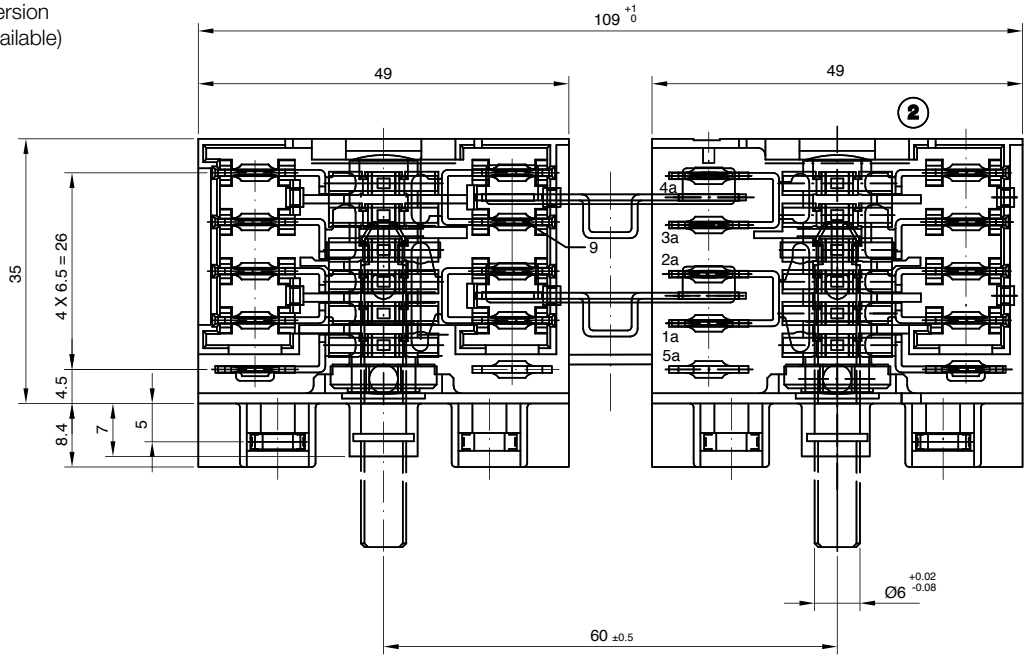


DIMENSIONS

Screw fixing version



60 mm interaxis version
(55 and 65 mm available)



CONTACT SEQUENCE

		P3	P1			P2	
	Ang.	5a	1a-2a			3a-4a	
Pos.		S	1	2	3-3		4
0	0°						
1	51,4°	■	■	■		■	■
2	102,8°	■		■		■	■
3	154,2°	■		■		■	
4	205,6°	■		■			■
5	257,0°	■			■		■
6	308,4°	■	■			■	

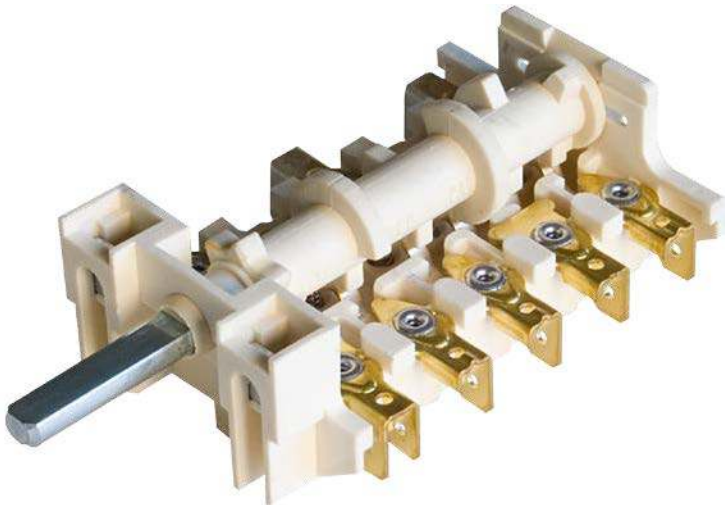
Pos.	Ang.	5a	1a-2a			3a-4a	
		S	1	2	3-3		4
0	0°						
1	51,4°	■	■	■		■	■
2	102,8°	■		■		■	■
3	154,2°	■		■		■	
4	205,6°	■		■			■
5	257,0°	■			■		■
6	308,4°	■	■			■	

HT

TYPICAL APPLICATIONS	Electric hobs in freestanding cookers
WIRING DIAGRAMAS	2 standard positions rotary switch
GWFI	850 ºC
GWIT	750 ºC

7 positions rotary switch, ideal for electric hobs in freestanding cookers. M4 screw mounting and different shafts available. Special sequences with 4 - 5 - 6 positons are available.

- Terminals 6,3 mm
- M4 screw mounting
- Metal or plastic shafts
- With or without signal contact



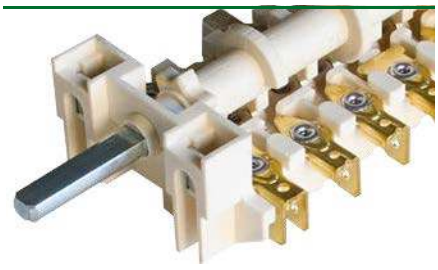
Rating
12 A / 400 VAC - 30E3
T150 °C
According to
EN61058-1 standard

16 (6) A / 250 VAC
T150 °C
According to
UL 1054

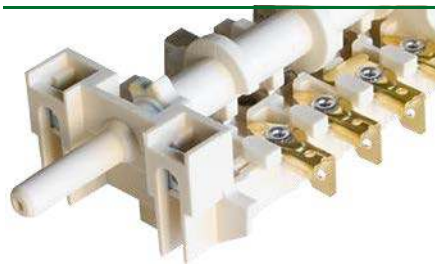
OPTIONS

Metal or plastic shaft, with length on demand.

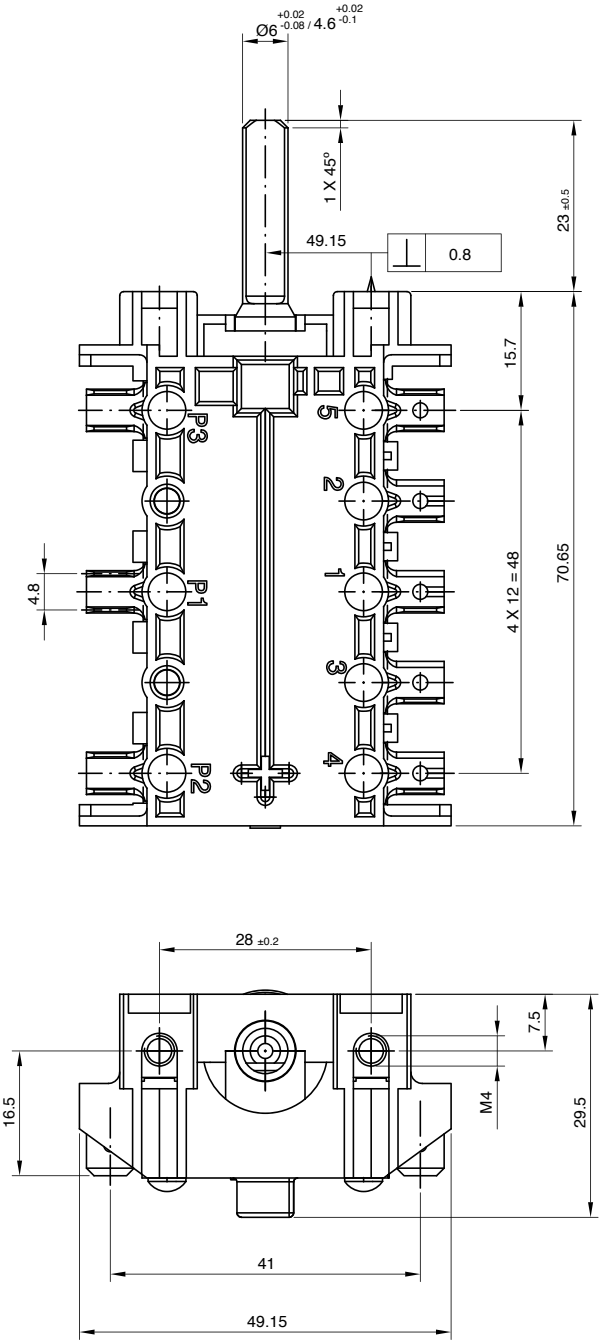
Metal shaft



Plastic shaft

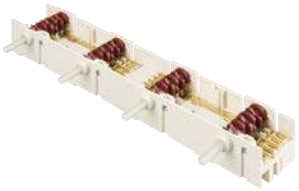


DIMENSIONS



EXAMPLE OF CONTACT SEQUENCE

Pos.	Ang.	5	2	1	3-3		4
		P3	P1			P2	
0	0°						
1	51,4°	■	■	■		■	■
2	102,8°	■	■			■	■
3	154,2°	■	■			■	
4	205,6°	■	■				■
5	257,0°	■			■		■
6	308,4°	■		■		■	

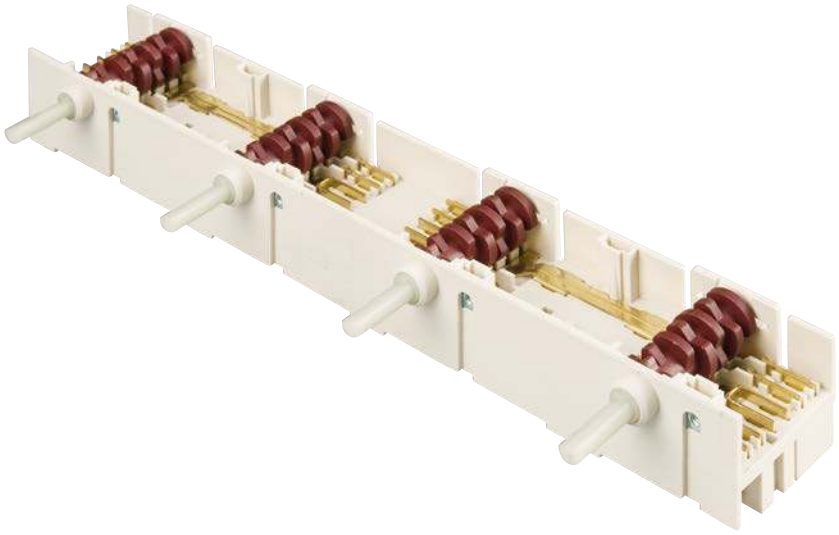


5HE
4 BLOCK

TYPICAL APPLICATIONS	Hobs control
WIRING DIAGRAMAS	7 positions
GWFI	850 ºC
GWFI	750 ºC

On demand

This solution integrates all wirings of four 5HE 7TAKT in a single body; robustness, compactness and easy mounting are its best features.



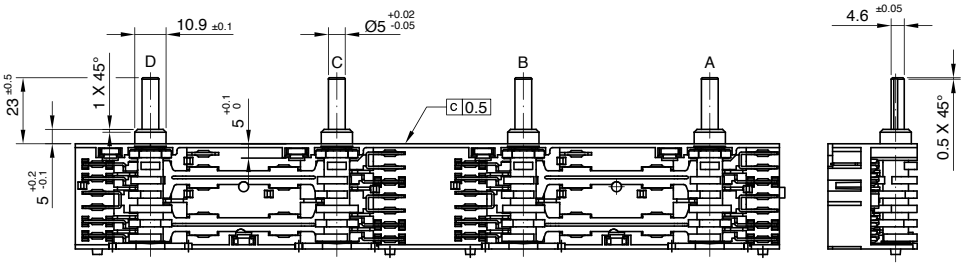
Rating
12 A / 400 VAC - 30E3
T150 °C
According to
EN61058-1 standard

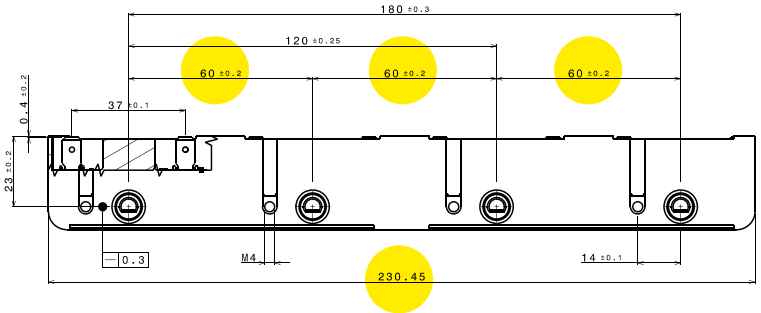
16 A / 250 VAC
T120 °C
According to
UL 1054

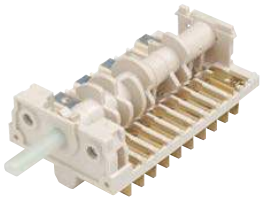
DIMENSIONS

2 versions:
L = 247.35
D = 65 ±0.2

L = 230.45
D = 60 ±0.2







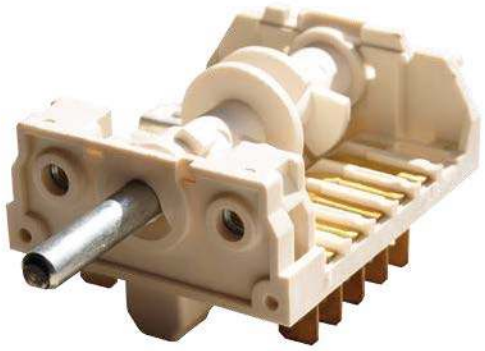
CH

TYPICAL APPLICATIONS	Function selector switch
WIRING DIAGRAMAS	2 - 14 positions
CYCLE No.	Up to 30.000
AMBIENT TEMPERATURE	150 °C
GWFI	850 °C
GWFI	750 °C
ADDITIONAL FEATURES	■ M4 screw mounting ■ 26 contacts version available

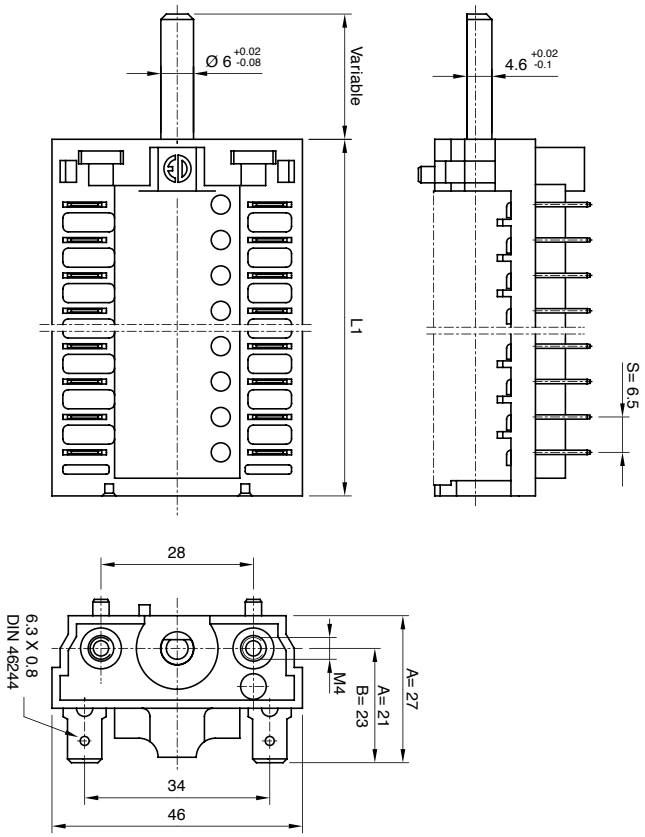
Thermostat version available

16 (6) A / 250 VAC - 30E3
16 (8) A / 250-125 VAC - 10E3
18 A / 250-125 VAC - 30E3
12 A / 400 VAC - 30E3
T150 °C
According to
EN61058-1 standard

3/4 HP / 125 VAC
18A / 250 VAC
16A / 250 VAC
T125 °C
According to
UL 1054

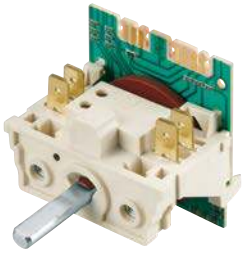


DIMENSIONS



CONTACT SEQUENCE

Basic Version					
Type	Contacts		L1		Version
	16(4)/250ac 6(2)/250ac	6(1.5)/250ac	S=7	S=6.5	
1-CH	1		29,5*		A
2-CH	2		25	36*	A
3-CH	3		32	33	A
4-CH	4		39	39.5	A, B
5-CH	5		46	46	A
6-CH	6		49,5		A
6-CH	6		53	52.5	A, B
7-CH	7			59	A, B
8-CH	8		67	65.5	A, B
9-CH	9			72	A
10-CH	10		81	78.5	A, B
11-CH	11		88	85	A, B
12-CH	12		95		A
13-CH	8	5	S=7	S=6	A
			97		



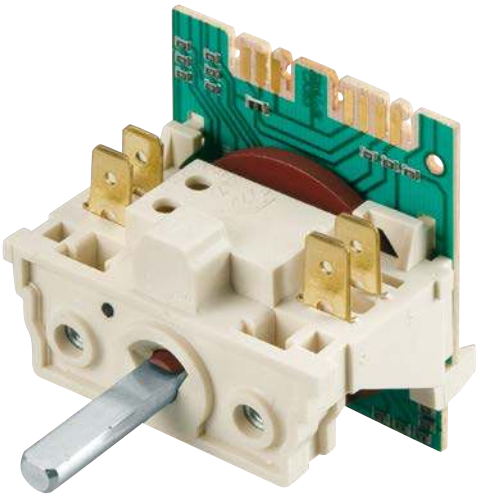
2CH with encoder

TYPICAL APPLICATIONS	Electronic and electrical function selector
WIRING DIAGRAMAS	■ On demand
CYCLE No.	30.000
AMBIENT TEMPERATURE	85 °C
ADDITIONAL FEATURES	■ Solution combining selector and encoder functions, that allows to improve flexibility and compactness

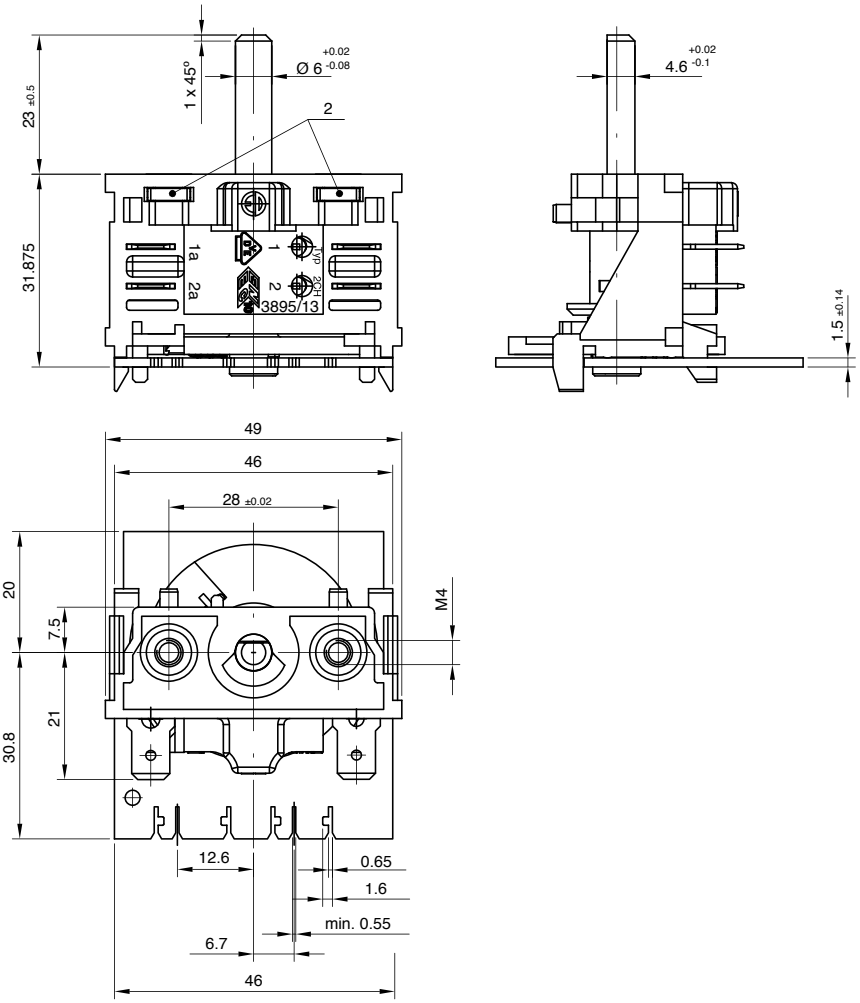
Solution combining selector and encoder functions, that allows to improve flexibility and compactness.

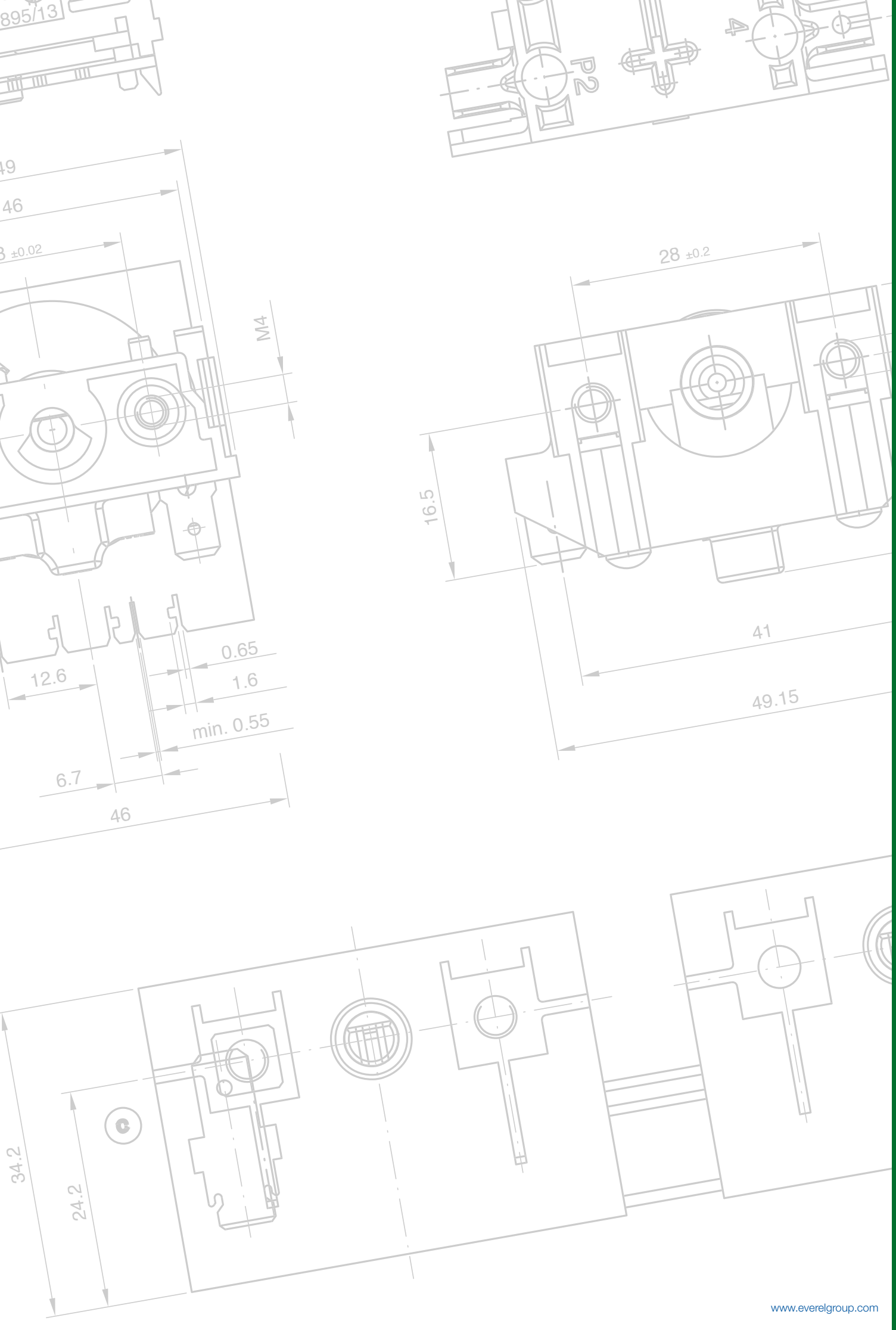
Rating
16 (6) A / 250 VAC
10 (2) A / 400 VAC
18 A / 250 VAC
6 (4) A / 250 VAC
T 150 °C
According to
EN61058-1 standard

3/4 HP / 125 VAC
16 A / 250 VAC
13.8 A / 250 VAC
T 85 °C
According to
UL 1054



DIMENSIONS




49
46
±0.02
M4
12.6
0.65
1.6
min. 0.55
6.7
46
28 ±0.2
16.5
41
49.15
34.2
24.2

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THE WORLD IN A CLICK

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