EYT 240: nova240, Control panel

The **nova240** control panel is used for the visualisation and operation of all the data points of an automation station.

The menu-led operating principle is based on plain text via the six membrane keys. The illuminated LCD, which has 64×128 pixels, can show up to 8 lines à 21 characters. The information is exchanged between the contacted EY3600 automation station and the control panel. It is connected via an RJ-45 (8/8) connector.

T05687

Type	Description	Weight g
EYT 240 F001	Control panel	300

Technical details		**Permissible ambient temp.:**	
Power supply	from automation station	Normal operation	0...45 °C
Current	100 mA	Transport & storage temp.	−25...65 °C
Power loss, max.	approx. 0,1 W	Permissible humidity	10...90 %rh
Interfaces & communication	1× RJ-45 socket		without condensation
	4 twisted pairs	Degree of protection	IP 40/20
Distance	20 m max., shielded	Protection class	III
Languages:-		Ambient class	IEC 60721 3K3
Mikroprogramm AS Version 501xxx.001:		Dimensions H×W×D	80×144×36
German, French, English, Italian, Dutch, Spanish,			
Swedish, Norwegian, Danish, Portuguese, Finnish		Dimension drawing	M05974
Mikroprogramm AS Version 501xxx.002:		Fitting instructions	MV 505399
German, French, English, Polish, Slovenian,			
Hungarian, Russian, Czech, Turkish		Complies with:-	
		EMC directive 2004/108/EC	EN 61000-6-1/ EN 61000-6-2
			EN 61000-6-4
			EN 55022 Class A

Accessories
0367829 001*	Fixing bracket for panel
0367842 001	Connecting cable (0,35 m) **nova240** <–> **AS**
0367842 002	Connecting cable (1,5 m) **nova240** <–> **AS**
0367842 003	Connecting cable (2,9 m) **nova240** <–> **AS**
0367842 004	Connecting cable (6,0 m) **nova240** <–> **AS**
0367878 001*	Holder for wall or top-hat rail
0367880 001*	Desktop stand

*) Dimension drawing or wiring diagram are available under the same number

Engineering and fitting notes

This product enables the user to view values and conditions locally, to issue switching and positioning commands and setpoints and, along with other functions, to enter and modify the time-dependent and date-dependent switching program.

The control panel can be plugged into any compact automation station (AS) via RJ-45 plug with screened and twisted cable. The modular automation stations with the EYU 108/109 racks and the compact nova230 automation station can also be fitted in the front plate.

Accessory parts are available for fitting the unit in panel doors, on walls, on DIN top-hat rails or on desktops.

The control panel itself does not have to be parameterised, so it can be used as a mobile terminal for several stations.

It fetches all information – i.e. also plain text, unit details etc. – from the data-point parameters stored in the respective automation stations.

If, in the interests of clarity, information is needed from other automation stations, it should be put (by the station which registers the respective address) in the global address range, the so-called 'common'. Therefore, it is also available at other stations and can be put on software addresses and visualised there by the manual operating unit.

Menu 1

M	E	N	U		1		→	S	e	q	u	e	n	c	e		l	i	s	t
→	P	a	s	s	w	o	r	d												
→	A	d	d	r	e	s	s		r	e	s	e	t							
→	A	l	a	r	m	s	/	f	a	u	l	t	s							
→	S	t	a	t	u	s		+		b	i	n	a	r	y		F	B		
→	M	e	a	s	u	r	e	d		v	a	l	u	e	s					
→	C	o	u	n	t	e	r		v	a	l	u	e	s						
→	S	w	i	t	c	h	i	n	g	c	o	m	m	a	n	d	s		F	B

Menu 2

M	E	N	U		2		→	S	e	q	u	e	n	c	e		l	i	s	t
→	S	e	t	p	o	i	n	t	s	/	P	o	s	.	v	a	l	u	e	s
→	A	l	l		M	F	A	s												
→	S	w	i	t	c	h	i	n	g		p	r	o	g	r	a	m			
→	S	e	t		c	l	o	c	k											
→	A	n	n	u	a	l		t	a	b	l	e								
→	S	u	m	m	e	r	-	/	w	i	n	t	e	r	t	i	m	e		

Menu 3

M	E	N	U		3		→	S	e	q	u	e	n	c	e		l	i	s	t
→	P	a	r	a	m	e	t	e	r		s	e	r	v	i	c	e			
→	G	r	.	n	o	.	/	c	h	a	r	a	c	t	e	r		s	e	t
↑	E	n	g	l	i	s	h													
→	V	e	r	s	i	o	n													

A detailed description of how to operate all the address data points can be found in the Operating Manual (7 000848 001).
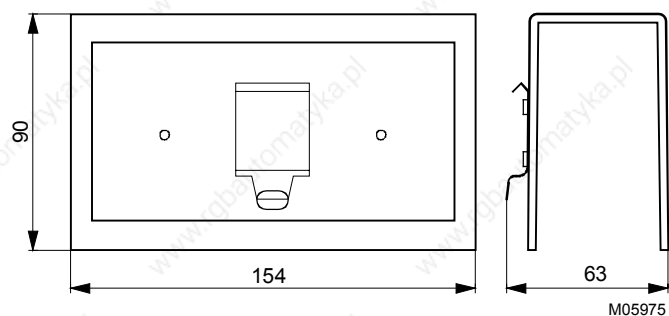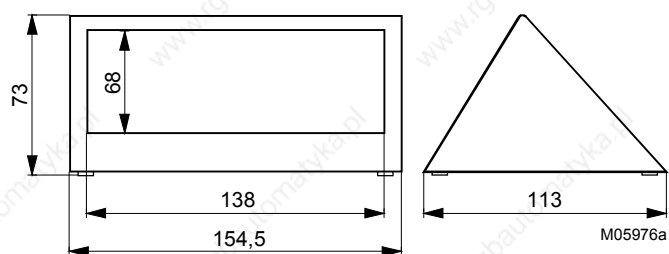
Dimension drawing

M05974

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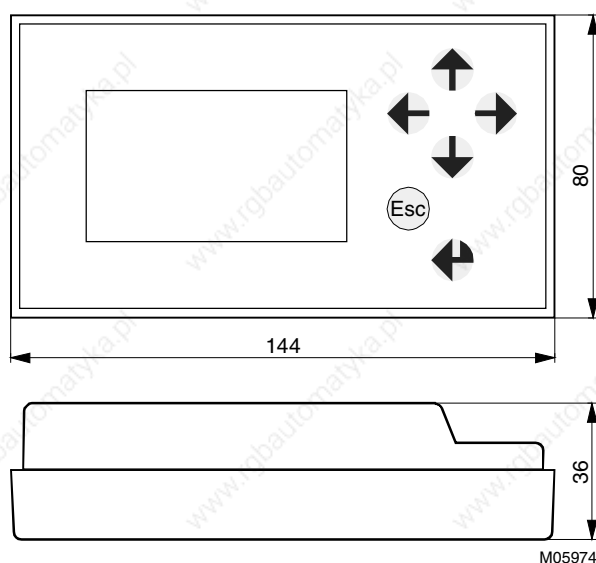
Accessories

Fixing bracket for top-hat rail

367878

90
154
63
M05975

Desktop stand

367880

73
68
138
154,5
113
M05976a

Bracket for panel

367829

32
74
140
65
2.5
60
M09445

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