

B05 P03/P05

- CONTROLLERS FOR REFRIGERATING UNITS
- 3 INPUTS AND 4 OUTPUTS
- WITH OPERATOR PANELS



FEATURES

DISPLAY	B05	P03	P05
Single	--	2 red or blue digit, h 31 mm	2 red or blue digit, h 54 mm
INPUTS			
Up to three	3x PTC KTY 81-121 (990Ω at 25°C): -50... 99 °C (-58... 99 °F) or 3x NTC 103AT-2 (10kΩ at 25°C): -50... 99 °C (-58... 99 °F) or PT1000 (1000Ω at 25°C): 199... 99°C/-99... 99°F	--	--
Digital input	2 digital inputs for free voltage contacts as alternative to 2 probe inputs	1 digital input for free voltage contacts	
Accuracy	± 0.5 % fs + 1 digit		
OUTPUTS			
Up to four	OUT1: SPST-NO-16A-250V 1HP EN 61810: 16 (9) - EN 60730: 6 (4) - UL 60730: 6 A Res., 30 LRA, FLA 5 OUT2: SPST-8A-1 / 2HP 250V EN 61810: 8 (3) - EN 60730: 4 (4) - UL 60730: 4 A Res., 24 LRA, FLA 4 OUT3: SPST-5A-250V EN 61810: 5 (1) - EN 60730: 1 (1) A - UL 60730: 1 A Res. OUT4: SPST-5A-250V EN 61810: 5 (1) - EN 60730: 1 (1) A - UL 60730: 1 A Res Common power supply (pin1): 12A max.	--	--
Relay operations	30.000 operations (EN60730)	--	
FUNCTIONAL			
Function	Power supply and control unit	Display	
Acoustic alarm	Internal buzzer (optional)	--	
Control	ON/OFF	--	
Defrosting control	At intervals time by electrical heating or hot gas/reverse cycle	--	
GENERAL			
Power supply	100...240 Vac ±10% (50/60 Hz)		
Power consumption	4 VA approx.		
Dimensions	92 x 92 mm, depth 27.8 mm	96 x 50 mm, depth 22.5 mm	135 x 97 mm, depth 22.5 mm
Weight	130 g approx.	70 g approx.	135 g approx.
Keyboard	--	"Sensitive-Touch" keyboard	
Connections	B05 connections (power supply and outputs): 6 pole plug-in connector AMP MATE-N-LOK .250 " type	P03/P05-B05 connections: 3 m max. by means of cable with mini plug-in connectors	
Mounting	On panel	Flush in panel in 90 x 44 mm hole	Flush in panel in 124 x 85 mm hole
Front protection degree	--	IP40, mounted in panel with gasket	
Operating / storage temperature	0... +50°C (32... +122°F) / -25... +60°C (-13... +140°F)		
Operating humidity	30... 95 RH% without condensation		
Conformity	Directive 2004/108/CE (EN55022: class B; EN61000-4-2: 8kV air, 4kV cont.; EN 61000-4-3: 10V/m; EN61000-4-4: 2kV supply, inputs, outputs; EN61000-4-5: supply 2kV com. mode, 1 kV diff. mode; EN 61000-4-6: 3V), 2006/95/CE (EN 60730-1, EN 60730-2-7, EN 60730-2-9) Approvals: ENEC (Lic.n. 00161); C-UL (file n. E212227)		

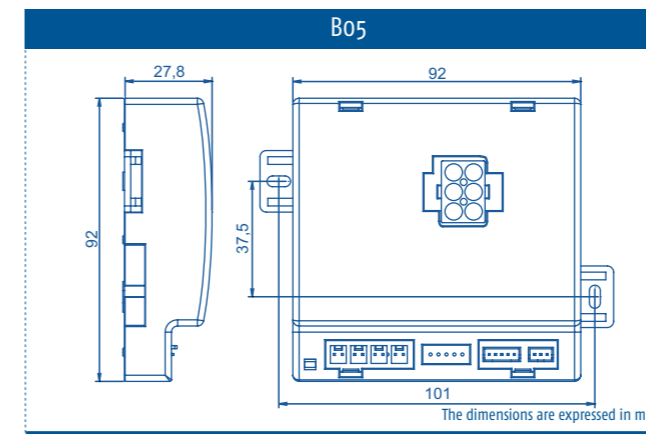


HOW TO ORDER

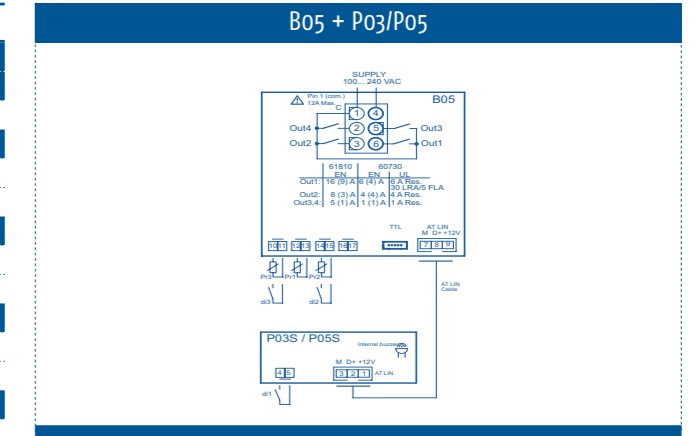
To compose the part number, pls. choose one of the option for each variable

B05 - SUPPLY AND CONTROL UNIT	CODE
POWER SUPPLY	
100... 240 Vac	H
OUT 1	
Relay SPST-NO 16A	R
Not available	-
OUT 2	
Relay SPST-NO 8A	R
Not available	-
OUT 3	
Relay SPST-NO 5A	R
Not available	-
OUT 4	
Relay SPST-NO 5A	R
Not available	-
P03/P05 - DISPLAY BUZZER (INTERNAL)	
Available	B
Not available	-
DISPLAY	
Blue	B
Red (standard)	-
CALIND - CONNECTION CABLE BETWEEN B05 AND P03/P05	
LENGTH	
0.8 m	080
1.2 m	120
3.3 m	330

DIMENSIONS



CONNECTIONS



DIMENSIONS

