

Introduction

The Invsys 64b is a Synchronous 24-hour 1 Channel timer.

AC1: 16A / AC3: 2A

Features

- Tappets time switches, DIN rail program
- Time switch with plug-in base 60 min., front 72 x 72 mm
- Mechanical 1-channel time switch with 60-min tappets Program dial for front panel mounting / wall mounting
- Programmable every 18.5 seconds
- Switching pre-selection ON/OFF for premature switching without influencing the subsequent program sequence
- Switching status indication
- Operating control indication
- Mains synchronous
- Without power reserve
- Control panel fitting with clip fastening. Connection optionally with flat plugs (4.8 mm) or with screw terminals when using the plug-in base.
- Surface mounting with plug-in base and terminal cover
- With additional parts, mounting to 35 mm top-hat rail or with plug rail on printed circuit boards possible
- Transparent cover protects against dirt and unintentional resetting



Technical data: 64 B

Dimensions	Front frame 72 x 72 mm (DIN 43 700)
Nominal voltage (special voltages on request)	240 V~, +10 % / -15 %
Frequency	50 Hz
Drive	synchronous motor
Time accuracy at 20 °C	synchronised with mains
Power reserve approx.	3 days approx.
Program dial	24 h / 7 d
Programmable every	5 min / 30 min
shortest switching interval	20 mins / 2 h
Contact	Two way switch
Switch output	floating
Opening width	< 3 mm (μ)
Contact material	hard silver
Switching capacity at cos φ = 1	16 A / 240 V~
Switching capacity at cos φ = 0.6	2 A / 240 V~ V
Permissible ambient temperature	- 10 °C to + 50 °C -
Power consumption	max. 2.5 VA max.
Protection rating in accordance with EN 60 529	IP 20
Protection class in accordance with EN 60 730-1 if correctly installed	II
Weight approx.	260 g approx.
Accessories:	
Quick fastening 35 mm profile rails	

"O" Series Commercial Refrigeration Temperature Controls 2000mm capillary IP44 rating, (17)amp inductive switching, SPDT

Part No.	Description	Order Qty
O16-6950	thermostat -35/-7 adj diff	1
O16-6951	thermostat -18/13 adj diff	1
O16-6954	thermostat -5/25 adj diff	1

"O" Series Commercial Refrigeration Pressure Controls IP44 Rating, (17) amp inductive switching, SPDT

Part No.	Description	Order Qty
O16-8705	LP, manual reset, flare	1
O16-8706	LP, auto reset, flare	1
O16-8713	LP, auto reset, capillary	1
O16-8750	HP, auto reset, flare	1
O16-8751	HP, manual reset, flare	1
O17-8701	DP, auto reset, flare	1
O17-8703	DP, manual reset on high & low, flare	1
O17-8705	DP, manual reset on high, flare	1
O17-8711	DP, auto reset, capillary	1

Commercial Ice Bank Controls

Part No.	Description	Order Qty
O18-100-080	ice bank control mechanical aftermarket	1
E37-M1201	Ice bank & liquid level control electronic	1

Oil Differential Pressure Controls alarm circuit, ambient temperature compensated, manual reset

Part No.	Description	Order Qty
P30-3701-70	90 second delay flare connection	1
P30-3801-70	120 second delay flare connection	1
P30-3901-070	60 second delay flare connection	1
P30-5827-57	120 second suit Copeland	1

Varifix General Replacement Cold Controls

Part No.	Description	Order Qty
VC-1	single door refrigerator	1
VA-2	absorption refrigerator	1
VF-3	standard freezer	1
VP-4	push button defrost	1
VS-5	freezer with standard signal	1
VR-6	freezer with reverse signal	1
VB-7	beverage coolers	1
VW-8	cool only airconditioners	1
VT-9	suit 2 door refrigerators with constant cut in	1
VTD9	ice maker harvest general replacement	1

Adaptable Cold Controls

Part No.	Description	Order Qty
A22-1129-00	ice bin level control	1
A22-2217-057	crystal tips harvest control	1
C17-177	air conditioning auto heat cool switch	1
C17-334	air conditioning auto heat cool switch	1

Reversing Valves suitable for R12, R22, R134, R500, R502, 4 way pilot

Part No.	Description	Order Qty
V2-408064-2IL	2 ton nominal capacity 1/2 suction 3/8 discharge	1
V3-410084-7IL	3 ton nominal capacity 5/8 suction 1/2 discharge	1
V6-412084-1IL	6 ton nominal capacity 3/4 suction 1/2 discharge	1
V6-414084-1IL	6 ton nominal capacity 7/8 suction 1/2 discharge	1
V10-414084-2IL	10 ton nominal capacity 7/8 suction 1/2 discharge	1
V10-414124-2IL	10 ton nominal capacity 7/8 suction 3/4 discharge	1
V10-418144-2IL	10 ton nominal capacity 11/8 suction 7/8 discharge	1

Replacement Coils and Harness to Suit Reversing Valves for current series valves

Part No.	Description	Order Qty
L30-420000-57	240v coil	1
L30-120000-00	24vac coil	1
9220000	LDK 11 24volt coil suit 4-series	1
9220002	LDK 41 240 volt coil suit 4-series	1

Miscellaneous Accessories

Part No.	Description	Order Qty
31696-1	angle bracket	10
48129-3	flat bracket	10
03600253006	O16 Cover Assembly	1
03600254004	O17 Cover Assembly	1

Paragon Controls

Commercial Refrigeration Defrost Timers

Part No.	Description	Order Qty
632-21	time initiated fan delay drain pump down	1
8045-21	time initiated time terminated	1
8145-21	time initiated time temp terminated	1
8245-21	time initiated pressure terminated	1

Aftermarket Defrost Timers

Part No.	Description	Order Qty
A1400-21	2001 series 6hr 21min defrost	1
A769-21	499 series 6hr 21 min defrost	1
D769-21	499 series 8hr 30 min defrost	1
F769-21	499 series 6hr 28 min defrost	1
L769-21	499 series 12hr 21 min defrost	1
N769-21	499 series 6hr 28 min defrost	1

