

TAPSA CONTROL CENTRAL BATTERY UNIT TKT6748C



3~ N/PE
220-240/
380-415 VAC
50/60 Hz

IP
31

RAL
9003

SGS
FI

TC
Certi

Intelli
Control
IC

CE

EN
50171

Central battery systems in TKT67 series give an efficient solution for a large number of luminaires. They are particularly suitable for large buildings.

TKT67C is quick to assemble as the terminals are conveniently located on the upper side of the unit and the fuses of the output circuits are at the terminals.

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Date: May 16, 2024 | Source: teknoware.fi/en/emergency-lighting/tapsa-control-central-battery-unit-tkt6748c

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Technical data:

input voltage 220-240 VAC

output voltage in normal mode 220-240 VAC

output voltage in battery mode 216 VDC

battery voltage of 216 V is generated by 18 pieces of 12 V batteries connected in series

16, 24, 32, 40, 48 or 56 output circuits

8 x 350 VA, 4 x 700 VA or 2 x 1400 VA parallel connections are possible

max 32 luminaires per circuit (please note local restrictions)

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Product Code	TKT6748C
Customs Code	85044090
GTIN Code	6438045009599
ETIM Product Class	EC002678
Length	505 mm
Width	602 mm
Height	1950 mm
Weight	124 kg
Nominal Supply Voltage	3~ N/PE 220-240/380-415 VAC, 50/60 Hz
Nominal Output Voltage, Mains Supply	220-240 VAC
Output Voltage, Battery Supply	216 VDC
Battery Voltage	216 VDC
Max Battery Capacity	450 Ah
Required Short Circuit Current per Single Output Circuit	10 A
Max Load Inrush Current per Single Output Circuit / 1 ms	120/250/300 A
Max total load, mains operation	16800 VA
Max total load, battery operation 1 h	16800 W
Max total load, battery operation 3 h	16800 W
Number of Output Circuits	48 x 350 VA / W
Max Total Load, 1 h Duration	16800 W
Max Total Load, 3 h Duration	16800 W
Power Consumption	25150 VA
IP Class	IP31
Certifications	SGS Fimko
Body Material	sheet metal
Colour	RAL9003

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ONE OR MORE OF THESE IS ALSO REQUIRED:

BATTERY CABINETS FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Space for Batteries
TKT6500	Battery cabinet TKT6500	6 x 12 V / 100 Ah
TKT6500P	Battery cabinet TKT6500P	6 x 12 V / 100 Ah

BATTERY CABLES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Length of Battery Cable (m)
XJ997E	Battery Cables XJ997E	3,5

BATTERIES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Battery Size (Ah)
TEA024	Sealed Lead Acid Battery TEA024	65
TEA024B	Sealed Lead Acid Battery TEA024B	100
TEA024C	Sealed Lead Acid Battery TEA024C	200
TEA024D	Sealed Lead Acid Battery TEA024D	150

OPTIONAL ACCESSORIES:

WEBCM CENTRAL MONITORING SYSTEM / WEBACM CENTRAL MONITORING SOFTWARE



Product Code	Product Name	Compatible Product Groups
TST6724	WebCM Interface TST6724	TKT67C Central Battery Systems

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ACM ADVANCED CENTRAL MONITORING SOFTWARE



Product Code	Product Name	Compatible Product Groups
TST6721	ACM Interface TST6721	TKT67C Central Battery Systems

BACNET INTERFACE



Product Code	Product Name	Compatible Product Groups
TST6701	BACnet Interface TST6701	TKT67C Central Battery Systems

INTELLIGENT CONTROLLERS FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Compatible Products
TST6752	IC Interface TST6752	TKT6716C
TST6753	IC Interface TST6753	TKT6724C
TST6754	IC Interface TST6754	TKT6732C
TST6755	IC Interface TST6755	TKT6740C
TST6756	IC Interface TST6756	TKT6748C
TST6757	IC Interface TST6757	TKT6756C

OTHER EXTERNAL MODULES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name
TST6732	LCD Display Module TST6732

SPARE PARTS:

SPARE PARTS FOR EMERGENCY LIGHTS



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Product Code	Product Name	Compatible Product Groups
W100008	Ballast W100008	TKT66C Central Battery Systems, ESC 10 Emergency Exit Lights
W120011	Battery package W120011	TKT66C Central Battery Systems, TKT67C Central Battery Systems, ESC 90 Emergency Exit Lights, ESC 81 Emergency Exit Lights, ESC 80 Emergency Exit Lights

SPARE PARTS FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Compatible Product Groups
W010005	Charger W010005	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W010007	Charger W010007	TKT67C Central Battery Systems
W010008	Charger control unit W010008	TKT67C Central Battery Systems
W020007	Output circuit board W020007	TKT66C Central Battery Systems, TKT67C Central Battery Systems
W030004	Internal power supply unit W030004	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W030005	Central unit board W030005	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W030007	Internal bus current voltage supply W030007	TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W030008	Control board W030008	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W030009	Charger switch W030009	TKT67C Central Battery Systems
W040003	Temperature sensor W040003	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W040004	Data cable W040004	TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W040005	Outputs off switch W040005	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W040006	Main switch W040006	TKT67C Central Battery Systems
W040007	Printing tape W040007	TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems

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Product Code	Product Name	Compatible Product Groups
W040008	Colour ribbon W040008	TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems

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