

CENTRAL BATTERY UNIT TKT6524BF



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

IP
20

RAL
9003

CE

EN
50171

TKT65B series central battery system offers an effective solution to supply medium to high number of emergency and exit lights. It is suitable for medium sized buildings.

The new TKT65xxBP models are equipped with a door and their enclosure class is IP34.

Technical data:

input voltage 230 VAC

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Date: May 18, 2024 | Source: teknoware.fi/en/emergency-lighting/central-battery-unit-tkt6524bf

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output voltage under normal conditions 230 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

6, 12, 18 or 24 output circuits

max 16 luminaires per circuit

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Product Code	TKT6524BF
Customs Code	85044090
GTIN Code	6438045010359
ETIM Product Class	EC002678
Length	242 mm
Width	518 mm
Height	765 mm
Weight	31,6 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	65 Ah
Required Short Circuit Current per Single Output Circuit	11 A
Max Load Inrush Current per Single Output Circuit / 1 ms	120 A
Max total load, mains operation	6000 VA
Max total load, battery operation 1 h	6000 W
Max total load, battery operation 3 h	3340 W
Number of Output Circuits	24 x 250 VA / W
Max Total Load, 1 h Duration	6000 W
IP Class	IP20
Body Material	sheet metal
Colour	RAL9003

ONE OR MORE OF THESE IS ALSO REQUIRED:

BATTERY CABINETS FOR CENTRAL BATTERY



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SYSTEMS

Product Code	Product Name	Space for Batteries
TK6500B	Battery cabinet TK6500B	18 x 12 V / 15 Ah
TK6500BP	Battery cabinet TK6500BP	18 x 12 V / 15 Ah
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)
XJ997	Battery Cables XJ997	1,5
XJ997B	Battery Cables XJ997B	1,5
XJ997C	Battery Cables XJ997C	2,5
XJ997E	Battery Cables XJ997E	3,5

BATTERIES FOR CENTRAL BATTERY SYSTEMS



Product Code	Product Name	Battery Size (Ah)
TEA020	Sealed Lead Acid Battery TEA020	6,5
TEA021	Sealed Lead Acid Battery TEA021	17
TEA022	Sealed Lead Acid Battery TEA022	24
TEA023	Sealed Lead Acid Battery TEA023	38
TEA024	Sealed Lead Acid Battery TEA024	65

SPARE PARTS:

SPARE PARTS FOR CENTRAL BATTERY



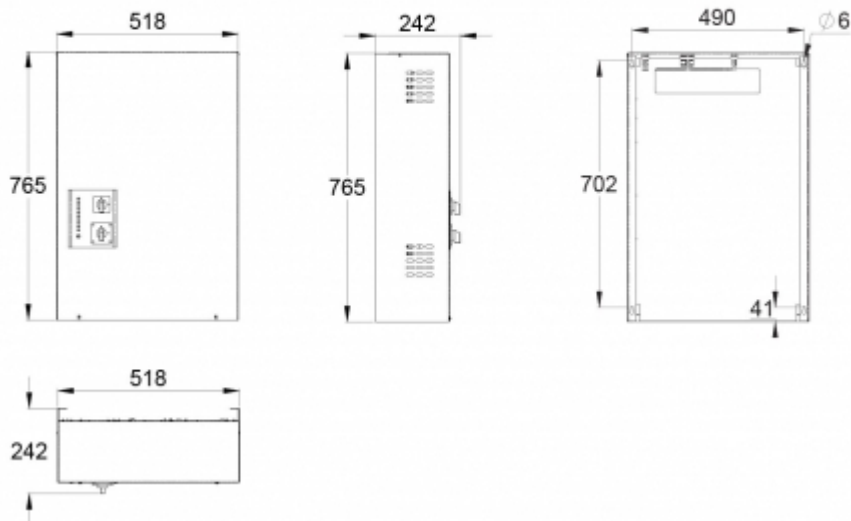
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SYSTEMS

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
W020004	Output circuit board W020004	TKT65B 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
W030008	Control board W030008	TKT65B Central Battery Systems, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT67C Central Battery Systems, TKT68C Central Battery Systems
W030010	Internal power supply unit W030010	TKT65B Central Battery Systems
W040002	Main Switch W040002	TK23C, TKT65C Central Battery Systems, TKT66C Central Battery Systems, TKT68C 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
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



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