



## SUJ TECHNICAL DATASHEET

### Product

**Consumer Unit AK600**

### Technical Data

Standards	DIN VDE 60670-24 (VDE 0606-24):2014-03 Kind of construction acc. to DIN 43871
Certification:	
Rated operational voltage:	400V AC / 50Hz
Rated current:	63A
Protection class:	II 
Degree of protection without door:	IP30
Degree of protection with door:	IP40
Rated insulation voltage (U <sub>i</sub> ):	690V AC
Rated impulse withstand voltage (U <sub>imp</sub> ):	6kV
Classification enclosure:	PD-enclosure (I <sub>nq</sub> = 63A) GP-enclosure (P <sub>de</sub> )
Condition of installation:	Indoor installation
Ambient temperature:	The ambient air temperature does not exceed +40°C and its average over a period of 24 h does not exceed +25°C, occasionally +35°C
Glow wire test:	750°C (N/PE terminals 960°C)
Mechanical strength:	IK07
Colour:	White, RAL9016
Type of installation:	Wall mounting, flammable walls
Type of material:	Composite (Plastic material for enclosure, metallic material for door)

### Types

Consumer unit:	AK612N2, AK624N3, AK636N3, AK648N3, AK660N4 AK612E2, AK624E3, AK636E3, AK648E3, AK660E4
Multimedia unit:	AK636M, AK648M, AK660M AK630MB, AK640MB, AK650MB

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**Table 1 - Dimensions**

Type	H x W x D mm	SU
AK61..	328 x 339 x 98	12+1
AK62..	453 x 339 x 98	24+4
AK63..	578 x 339 x 98	36+5
AK64..	703 x 339 x 98	48+8
AK65..	828 x 339 x 98	60+9
AK66..		

**Table 2 – Power loss consumer unit**

Type	P <sub>de</sub> ( $\Delta t = 30K$ )
AK61..	41,9 W
AK62..	63,3 W
AK63..	65,9 W
AK64..	89,9 W
AK65..	106,1 W
AK66..	

**Table 3 – Power loss multimedia unit**

Type	P <sub>de</sub> ( $\Delta t = 30K$ )
AK62..	97,4 W
AK63..	118,4 W
AK64..	137,9 W
AK65..	148,6 W
AK66..	