



 PRODUCT-DETAILS

AK648E3

Consumer unit , Surface mounting, 48 modules, 4 row(s), IP30, Door: Without Door, Dimensions: 703 mm x 339 mm x 99 mm



General Information

Extended Product Type	AK648E3
Product ID	2CPX032571R9999
EAN	4011617325710
Catalog Description	Consumer unit , Surface mounting, 48 modules, 4 row(s), IP30, Door: Without Door, Dimensions: 703 mm x 339 mm x 99 mm
Long Description	<p>Consumer unit, partly assembled, for the internal use, without door, class of protection II (double insulated), degree of protection IP30, applicable standards: EN 60670-24, Impact strength IK07, Rated operational voltage 400V AC 50/60 Hz, rated current 63 A, Glow wire resistance 750°C, Untreated, in RAL 9016, enclosure out of thermoplast, without door, in RAL 9016, door opening angle 120 degree, door hinge right or left, cable entry on top via pre-punched, on bottom via pre-punched, on side via pre-punched, rear wall pre-punched, dimensions in mm (H x W x D): 703 x 339 x 99, Space units 48, Row distance in mm: 125, covers out of Plastic, Quick sealable connection, with N/PE screw terminal, cable fastening rail integrated, Assembled with DIN-rail, device support removable</p>

Technical

Standards	DIN 43871
Rated Operational	Maximum 400 V

Voltage

Rated Current (I _n)	63 A
Power Loss	Δt = 30K 90 W
Number of Rows	4
Closure Type	Push Button
Configuration Type	Assembled with DIN-rail
Cover Plate Type	Cover
Enclosure Type	Consumer unit
Mounting Type	Surface mounting
Door Type	Without Door
Surface Finishing	Untreated
Housing Material	Plastic
Material	Thermoplast
Cover Style	with Notch
DIN Place Units	48
RAL Number	RAL 9016 - Traffic White
Color	Traffic white
Terminal Type	Screw Terminals

Material Compliance

RoHS Information	2CPC100009X0201 2CPC100022X0202
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Date	20240903;20230921
REACH Declaration	2CPC100005X0201
REACH Information	False - does not contain substances > 0.1 mass percentage
REACH Date	20240902
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Degree of Protection	IP30
Protection Class	Isolated (Class II)

Dimensions

Width in Number of Modular Spacings	12
Product Net Width	339 mm
Product Net Height	703 mm
Product Net Depth / Length	99 mm
Product Net Weight	3.379 kg
Built-In Depth (t ₂)	55 mm
Dimension Diagram	2CPC000008D0201

Ordering

Package Level 1 Units	pack 1 piece
Package Level 1 Gross	3.514 kg

Weight

Certificates and Declarations

Declaration of	2CPC100009X0201
Conformity - CE	2CPC100022X0202

Installation

Instructions and Manuals	2CPC140007M5601
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Popular Downloads

Data Sheet, Technical Information	No document needed
Building Information Modeling – BIM	9AKK108468A3370 9AKK108468A3371

Classifications

ETIM 8	EC000214 - Small distribution board
ETIM 9	EC000214 - Small distribution board
WEEE Category	4. Large Equipment (Any External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	85371098
eClass	V11.0 : 27142409
Object Classification Code	U

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CPX010998R9999	Enclosure accessories , Plastic, Dimensions: 25 mm x 20 mm x 12 mm	AZB3P10	1	piece
2CPX010997R9999	Enclosure accessories , 12 modules, Plastic, Dimensions: 72 mm x 330 mm x 2 mm	AZB2	1	piece
2CPX031152R9999	Enclosure accessories , 48 modules, 4 row(s), IP40, Door: Single, Steel Sheet, Dimensions: 675 mm x 311 mm x 13 mm	AZT640	1	piece
2CPX031156R9999	Enclosure accessories , 48 modules, 4 row(s), IP20, Door: Single, Steel Sheet, Dimensions: 675 mm x 311 mm x 13 mm	AZT640V	1	piece
2CPX031160R9999	Enclosure accessories , 48 modules, 4 row(s), IP20, Door: Single, Steel Sheet, Dimensions: 675 mm x 311 mm x 13 mm	AZT640W	1	piece
2CPX031121R9999	Enclosure accessories , 48 modules, 4 row(s), Dimensions: 410 mm x 255 mm x 16 mm	UZG648	1	piece
2CPX031417R9999	Enclosure accessories , 48 modules, 4 row(s), Dimensions: 587 mm x 242 mm x 2 mm	UZM640	1	piece
2CPX031118R9999	Enclosure accessories , 12 modules, 1 row(s), Dimensions: 35 mm x 255 mm x 16 mm	UZG612	1	piece
2CPX031412R9999	Enclosure accessories , Door: Single, Dimensions: 43 mm x 59 mm x 41 mm	UZT3	1	piece
2CPX062385R9999	Consumer units accessories module blanking plate , 1 row(s), 12 modules, Plastic , Traffic white	ZA3P5	1	piece
2CPX031420R9999	Enclosure accessories , Dimensions: 38 mm x 13 mm x 40 mm	UZED1P10	1	piece
2CPX030892R9999	Enclosure accessories , Direct mounting, IP30, Dimensions: 36 mm x 42 mm x 15 mm	ZK507	1	piece
2CPX063168R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 83 mm x 21 mm	ZKS11B	1	piece
2CPX063173R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 83 mm x 21 mm	ZKS11G	1	piece
2CPX063169R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 116 mm x 21 mm	ZKS16B	1	piece
2CPX063174R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 116 mm x 21 mm	ZKS16G	1	piece
2CPX063170R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 150 mm x 21 mm	ZKS21B	1	piece
2CPX063175R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 15 mm x 21 mm	ZKS21G	1	piece
2CPX063171R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 182 mm x 21 mm	ZKS26B	1	piece
2CPX063176R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 182 mm x 21 mm	ZKS26G	1	piece
2CPX063167R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 50 mm x 21 mm	ZKS6B	1	piece
2CPX063172R9999	Enclosure accessories , Direct mounting, Dimensions: 27 mm x 50 mm x 21 mm	ZKS6G	1	piece

Categories

Low Voltage Products and Systems → Enclosures → Consumer Units → Consumer Units → AK600

