

10th of Ramadan Electrical Industries

Enclosures

Oyster
System

Kupp
GAD

igoto[®]

HRC fuses



Enclosures / Weather Proof Enclosures

GAD

O.1 Enclosures

Material	خامات	Adaptability	تنوع
- Anti-static - Weather ability - U V Stabilizer - Shock - Proof - Transperent polycarbonate doors.	- انتي ستاتيك - مقاومة العوامل الجوية - حماية ضد اشاعة UV - مقاومة للصدمات - ابواب شفافة	- Metal flush mounting - Plastic flush mounting - Plastic Surface mounting - High capacity & modularity - Starting from 1 - 36 modules	- لوحات معدن داخل الحائط - لوحات بلاستيك داخل الحائط - لوحات بلاستيك خارج الحائط - سعات مختلفة - بدء من ١ خط حتي ٣٦

UV stabilizer	Protects the product from color changing when exposed to harmful sun rays
مقاومة أشعة UV	هي حماية المنتج من تغير لونة عند تعرضه لاشعة الشمس الضارة
Weather ability	Protects the product from deformation / disfiguration when exposed to severe weather conditions.
مقاومة العوامل الجوية	هي حماية المنتج من التشقق او تشوه سطحه عند تعرضه لعوامل التعرية القاسية
Anti-static	Stops the product from attracting dust when installed in the outdoor, dusty environment.
انتي ستاتيك	هي خاصية منع جذب الأتربة عند التركيب في الاماكن المكشوفة أو المعرضة للأتربة

Applications	الاستخدامات	Ranges for Order	متوفرة حسب الطلب
- Residential: Apartments, houses, residential buildings - Service Sector: Offices, restaurants, shops, hotels, hospitals. - Public Museums, libraries - Industrial: Factories, construction sites.	- المباني السكنية - المباني الخدمية - الاماكن العامة - المباني الصناعية	- In Transperent/Opaque doors. - In Protection degrees IP 40 - 65 - With terminal block or cable glands. - With flame & fire retardant material	- بأبواب شفافة/ مسمطة - بدرجات حماية حتي IP 65 - روزتات توصيل و جلاندات دخول كابلات - بخامات مضادة للأشتعال



Series 4000
Plastic Flush Mounting

ART - Code	No. of modules	Color	Dimensions
CM 3	2/3	Grey	132 x 86 x 53 mm
CM 8PT	4/8	Grey	175 x 205 x 87 mm
CM 12PT	6/12	Grey	180 x 270 x 87 mm
CM 18PT	9/18	Grey	340 x 225 x 85 mm
CM 24PT	12/24	Grey	368 x 275 x 82 mm
CM 36PT	18/36	Grey	505 x 275 x 85 mm

Weather proof Enclosures

ART - Code	No. of modules	Color	IP rating
GAD 504	4	Grey	IP 65
GAD 508	8	Grey	IP 65
GAD 512	12	Grey	IP 65
GAD 524	24	Grey	IP 65

CM 36PT

CM 24PT

CM 3



ART - Code	No. of modules	Color	Dimensions
CT 2	1/2	Grey	132 x 51 x 59 mm
CT 3	1/3	Grey	132 x 69 x 70 mm
CT 6	4/6	Grey	138 x 138 x 70 mm
CT 6PT	6	Grey	165 x 165 x 112 mm
CT12PT	12	Grey	182 x 285 x 112 mm



*The Company reserves the right to alter or modify any product feature when sees fit without any prior notice

Series 3000

Metal Flush Mounting

لوحات داخل الحائط ذات علبة معدنية



ART - Code	No. of modules	Color	Dimensions
CM 4	4	Grey	125 x 95 x 60 mm
CM 8PS	4 / 8	Grey	180 x 215 x 85 mm
CM 12PS	6 / 12	Grey	180 x 285 x 85 mm
CM 18PS	9 / 18	Grey	330 x 215 x 80 mm
CM 24PS	12 / 24	Grey	365 x 375 x 80 mm

Series 5000
Metal Flush Mounting

لوحات داخل الحائط ذات علبة
معدنية لزوم عدادات الكهرباء

0.1 Enclosures

CM 12 OCPS

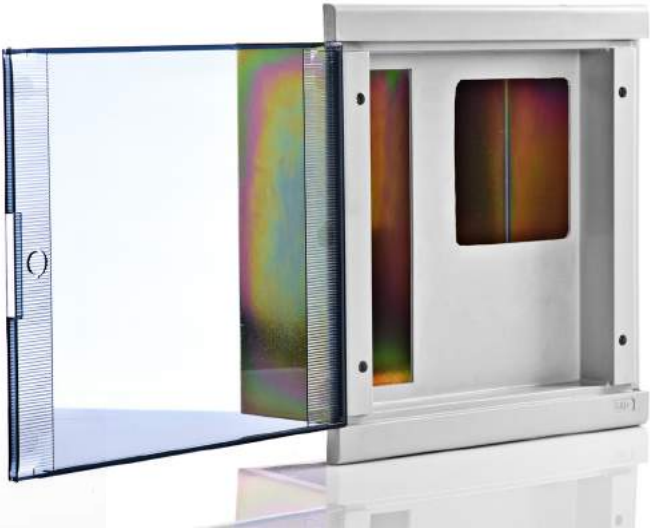


ART - Code	No. of modules	Color	Dimensions
CM 12 CPS	12+M*	Grey	270 x 260 x 112 mm
CM 12 OCPS	12+M*	Grey	370 x 260 x 112+80 mm

*M= is Electric meters according to Egyptian standards



CM 12 CPS





KOPP
GAD

Miniature circuit Breakers are manufactured in Egypt by 10th of Ramadan for electrical industries GAD Industries in cooperation with KOPP elektrotechnik elektronik GERMANY. GAD Industries reserves soley the exclusive manufacturing rights in the A.R.E.

Miniature Circuit Breaker

قواطع اوتوماتيكية منمنمة

Applicable Standards	Tripping Characteristics and rated current range		Thermal trip Device test currents		Tripping Time	Electromagnetic trip device test current		
			Small test current	Large test current		Holding	Cutout at Max of	Tripping Time
IEC 60898	B	6-63A	*1.13 X In	*1.45 X In	>1h <1h	3 X In	*5 X In	>0.1 S <0.1 S
	G	10-63A	*1.05 X In	*1.35 X In	>1h <1h	7 X In	*10 X In	>0.2 S <0.2 S



Technical Specifications

	B	G
Rated current Amps - In -	6, 10, 16, 20, 25, 32, 40, 50, 60, 63	
Rated Voltage	230/400VAC	220/380/VACV
No. of poles	1, 2, 3, 1+N	
Circuit-interrupting capacity as per VDE 0641	10000	6000 15000
Rated frequency	50/60 HZ	
Protective system as per DIN 40 050	IP 20	
Operating position	Any	
Attachment	Snap-on attachment to rail	
Conductor sizes	Cross-section area of 1.5 to 25 mm ²	
Switching life	20,000 Operations	
Ambient Temperature	Operations: -25 C to +55 C; storage: -40 C to +70 C	

Oyster
System

Material	خامات	Adaptability	تنوع
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- | | | | |
|-------------------|-----------------------|-----------------------------|-------------------------------------|
| - Anti-static | انتي ستاتيك | - Out door use | للاستخدام تحت عوامل التعرية |
| - weather ability | مقاومة العوامل الجوية | - In door use | للاستخدام في الاماكن المغلقة |
| - U V Stabilizer | حماية ضد اشاعة | - Severe weather Conditions | للاستخدام تحت العوامل الجوية الصعبة |
| - Shock - Proof | مقاومة للصدمات | | |

UV stabilizer	Protects the product from color changing when exposed to harmful sun rays
مقاومة أشعة UV	هي حماية المنتج من تغير لونه عند تعرضه لاشعة الشمس الضارة
Weather ability	Protects the product from deformation / disfiguration when exposed to severe weather conditions.
مقاومة العوامل الجوية	هي حماية المنتج من التشقق او تشوه سطحه عند تعرضه لعوامل التعرية القاسية
Anti-static	Stops the product from attracting dust when installed in the outdoor, dusty environment.
انتي ستاتيك	هي خاصية منع جذب الأتربة عند التركيب في الاماكن المكشوفة أو المعرضة للأتربة

Applications	الاستخدامات	Ranges for Order	متوفرة حسب الطلب
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- | | | | |
|---|------------------|---|--|
| - Residential: | المباني السكنية | - With smooth walls without side glands | متوفرة بدون فتحات دخول |
| Apartment, houses, residential buildings | | - With protection dgree IP 40 - 66 | درجات حماية تصل إلي IP 66 |
| - Service Sector: | المباني الخدمية | - With Flame & fire retardant material | متوفرة بخامات غير قابلة للاشتعال |
| Offices, restaurants, shops, hotels, hospitals. | | - With back board for special connections | متوفرة بقواعد خاصة لزوم التوصيلات المتعددة |
| - Public | الاماكن العامة | | |
| Museums, libraries | | | |
| - Industrial: | المباني الصناعية | | |
| Factories, construction sites. | | | |



Series 8000

Weather proof Watertight connection boxes
With side Glands

بوابات توصيل مانعة للمياه و الاتربة



Art Code	IP	Dimensions mm	No. of inlets	Max. Diameter
WB 8000 C	44	80 X 40	4	22
WB 8016 CS	56	100 X 100 X 50	6	28
WB 8020 CS	56	150 X 110 X 70	10	28
WB 8024 CS	56	190 X 150 X 70	10	36
WB 8026 CS	56	240 x 190 x 90	12	36
* WB 8040 CP	56	300 X 220 X 120	12	36
* WB 8048 CP	56	380 X 300 X 120	12	36



*The box is cover is hinged for ease of use while preforming maintenance

Solid Walls

بدون فتحات دخول

Art Code	IP	Dimensions mm	No. of inlets
WB 8108 C	44	80 X 40	4
WB 8116 CS	66	100 X 100 X 50	6
WB 8120 CS	66	150 X 110 X 70	10
WB 8124 CS	66	190 X 150 X 70	10
WB 8126 CS	66	240 x 190 x 90	12
WB 8140 CP	66	300 X 220 X 120	12
WB 8148 CP	66	380 X 300 X 120	12



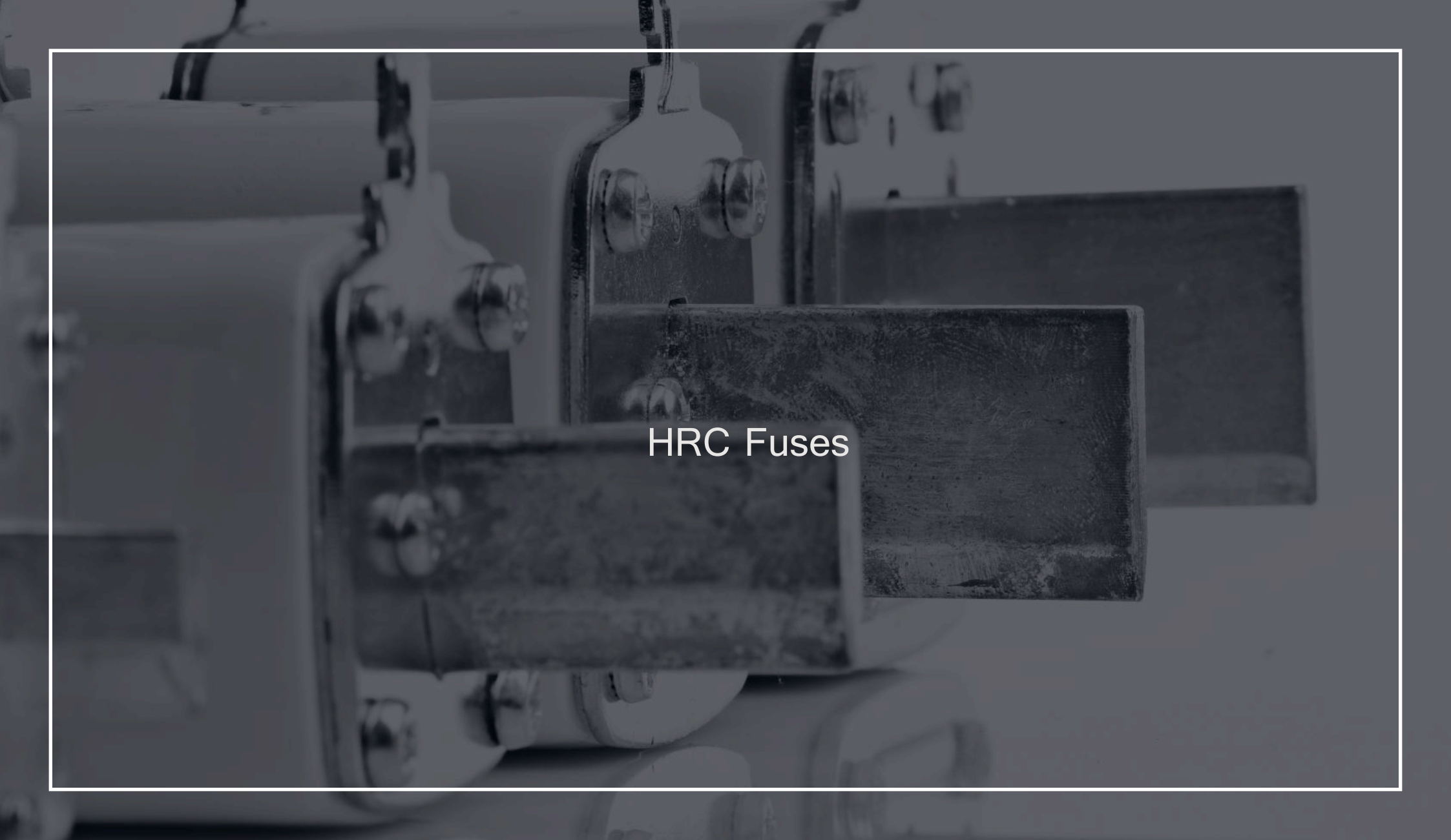
Wall mounting weatherproof modular boxes

علب خارج عازلة للمياه و الاتربة

	No. of modules	IP	Locking system	Dimensions
GAD 301	1	44	Manual	82 x 71 x 65 mm
GAD 302	2	44	Manual	82 x 71 x 65 mm
GAD 303	3	44	Manual	82 x 94 x 65 mm
GAD 390	16A +earth	44	Manual	82 x 71 x 65 mm







HRC Fuses

LV HRC fuse bases

Technical data

Standard Specifications:

EN 60269-2-1 ICE 60269-2-1

Rated Voltage:

500V AC, 400V DC

Rated Current

up to 630A

Rated Breaking capacity:

120KA

Rated frequency:

50HZ

Ambient Air temperature:

-25 °C to 55 °C

Altitude:

<2000 M

Insulation:

indoor

Relative humidity:

< 50% at 40 °C

Insulation Material:

Glazed porcelain

Temperature rise limit:

70 °C over ambient temperature

Pollution degree:

Heavy

Contact Material:

High conductivity electrolytic copper contact

plating: silver (4 - 8 microns

Fuse base contact mechanical strength is

according to IEC 60269-2-1.

Fuse base contact surface area according to IEC

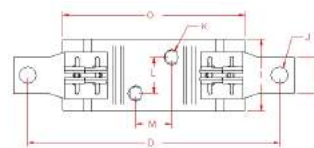
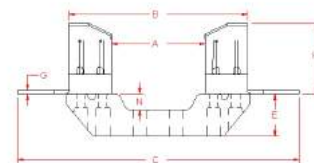
60269-2-1.

Dimension:

DIN: 43620

Size	Rated Current A	Type
00	160	GAD-B0160
1	250	GAD-B1250
2	400	GAD-B2400
3	630	GAD-B3630

Fuse base dimensional details



Size	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
00	57	72	134	114	25	22.5	2	32.5	31	9.5	8/15	0	25	6	94
1	74	92	200	175	35	30	2	56	60	11	11	30	30	13	152
2	77	147	228	195	35	30	2.5	56	60	11	11	30	30	13	155
3	78	149	234	210	35	30	3	58	60	13	11	30	30	13	155

LV HRC fuse bases

Technical data

Standard Specifications:

EN 60269-2-1 ICE 60269-2-1

Rated Voltage:

500V AC

Rated Current

up to 630A

Rated Breaking capacity:

120KA

Rated frequency:

50HZ

Ambient Air temperature:

-25 °C to 55 °C

Altitude:

<2000 M

Insulation:

indoor

Relative humidity:

< 50% at 40 °C

Insulation Material:

Glazed porcelain

Temperature rise limit:

70 °C over ambient temperature

Pollution degree:

Heavy

Contact Material:

High conductivity electrolytic copper contact

plating: silver (4 - 8 microns)

Fuse base contact mechanical strength is

according to IEC 60269-2-1.

Fuse body filler:

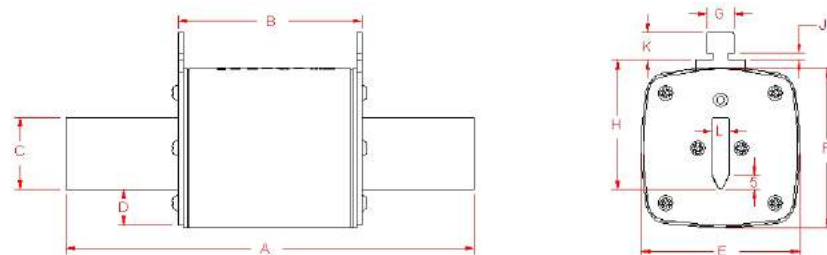
free metallic quartz, grain size 35,58 mesh

Dimension:

DIN: 43620

Size	A	B	C	D	E	F	G	H	J	K	L
00	78	48	15	11	30	47	10	35	2.5	10	6
1	125	68	21	12	48	48	10	40	2.5	10	6
2	150	67	26	13	58	58	10	47	2.5	10	6
3	150	68	32	13	67	67	10	60	2.5	10	6

Fuse links dimensional details



Size	Rated Current A	PN (W)	Type Code
00	20	3.8	NH00-20
	25	4.2	NH00-25
	32	4.8	NH00-32
	40	5.9	NH00-40
	50	6.9	NH00-50
	63	7.1	NH00-63
	80	7.2	NH00-80
	100	7.4	NH00-100
	125	8.4	NH00-125
	160	10.4	NH00-160
1	100	7.7	NH00-100
	125	9.9	NH00-125
	160	14.8	NH00-160
	200	15.9	NH00-200
	250	19	NH00-250

Size	Rated Current A	PN (W)	Type Code
2	250	23	NH00-250
	400	34	NH00-400
3	400	23.9	NH00-400
	630	35.3	NH00-630

A minimalist desk setup featuring a modern desk lamp, a small digital display, and some books on a dark surface. The lamp has a long, thin horizontal arm and a curved neck. The digital display is a small, square device with a screen showing some text and a smiley face. The books are stacked on the right side of the desk. The entire scene is set against a dark background.

igoto®

Accessories

A2251

2G 1 way switch 36mm

A2252

2G 2 way switch 36mm

A2253

3 way switch 36mm

A2351

3G 1 way switch 24mm

A2352

3G 2 way switch 24mm

A20 - 5401

Bell switch 36mm

A20 - 1091

2 Pin socket 24mm

A20 - 1091

2 Pin socket (+shutter) 24mm

A20 - 1092

Italian socket 24mm

A20 - 1101s

Satallite TV socket 24mm

A20 - 1562

Tel socket 36mm

A20 - 3026

A20 - 3020

Blank filter 36mm

A20 - 1562s

Tel socket 24mm

A20 - 3026

Data socket 24mm

A20 - 1101

TV Socket 36mm

A20 - 5173

Touch switch 36mm

A20 - 5174

Sound switch 36mm

A20 - 5807

Fan speed controller 36mm



A2001

1G Plate

A2002

2G Plate

