

# Isobar 4c distribution boards and devices

## Selection guide



## Type A distribution boards

### Standard 125A distribution boards excluding incomer

Number of SP outgoing ways		Part N°.
6		MGAN6
9		MGAN9
12		MGAN12
15		MGAN15
23		MGAN23

### Split load 125A distribution boards excluding incomer

Number of SP outgoing ways		Part N°.
Unprotected	Protected	
4	6	MGAN46SL
4	8	MGAN48SL
6	6	MGAN66SL

### Dual incomer 125A distribution boards excluding incomer

Number of SP outgoing ways		Part N°.
Circuit A	Circuit B	
4	6	MGAN46DS
6	6	MGAN66DS
7	6	MGAN76DS

### Multi service 125A distribution boards excluding incomer

Number of SP outgoing ways		Part N°.
Busbar	DIN rail 18mm SP ways	
4	8	MGAN416MS
5	10	MGAN520MS
7	8	MGAN716MS
9	3	MGAN96MS
9	6	MGAN912MS
10	5	MGAN1010MS
12	3	MGAN126MS
12	14	MGAN1228MS

## Incomers for Type A distribution boards

Description	Part N°.	Rating	Voltage	Sensitivity	N°. of poles
Switch disconnector	<b>MGI1252</b>	125A	230/240V	-	2
Residual current device	<b>RMG630302</b>	63A	230/240V	30mA	2
Residual current device	<b>RMG631002</b>	63A	230/240V	100mA	2
Residual current device	<b>RMG633002</b>	63A	230/240V	300mA	2
Residual current device	<b>RMG800302</b>	80A	230/240V	30mA	2
Residual current device	<b>RMG801002</b>	80A	230/240V	100mA	2
Residual current device	<b>RMG803002</b>	80A	230/240V	300mA	2
Residual current device	<b>RMG1000302</b>	100A	230/240V	30mA	2
Residual current device	<b>RMG1001002</b>	100A	230/240V	100mA	2
Residual current device	<b>RMG1003002</b>	100A	230/240V	300mA	2
Residual current device	<b>23111</b>	80A	230/240V	100mA Time Delayed	2
Residual current device	<b>RMG1001002S</b>	100A	230/240V	100mA Time Delayed	2
Residual current device	<b>23116</b>	100A	230/240V	300mA Time Delayed	2
Terminal block	<b>MGTB1252</b>	125A	230/240V	-	2



Switch disconnector



Residual current device  
(RCD)



Terminal block

## Type B distribution boards

### Standard 250A distribution boards excluding incomer

Number of TP outgoing ways	Part N°.
4	MGBN4
6	MGBN6
8	MGBN8
12	MGBN12
16	MGBN16
18	MGBN18
24	MGBN24

### Heavy duty (IP55) 125A distribution boards excluding incomer\*

Number of TP outgoing ways	Part N°.
6	MGBN6HDGK*
8	MGBN8HDGK*
12	MGBN12HDGK*
16	MGBN16HDGK*

\* Suitable for incoming devices up to 125A only.

#### Note:

Multi service 250A distribution board excluding incomer use any standard type B board plus **MGBNEX034N** extensions enclosure.

Split load distribution boards excluding incomer use any two standard type B board plus **MGBNTJK** joining kit or **MGBN63SLK** split load kit.



MGBN12

## Incomers for Type B distribution boards

Description	Part N°.	Rating	Voltage	Sensitivity	N°. of poles
Switch disconnecter	<b>MGI1253N</b>	125A	415V	-	3 + N
Switch disconnecter	<b>MGI1254</b>	125A	415V	-	4
Switch disconnecter	<b>MGNI2503</b>	160A	415V	-	3 + N
Switch disconnecter	<b>MGNI2003</b>	200A	415V	-	3 + N
Switch disconnecter	<b>MGNI2503</b>	250A	415V	-	3 + N
Switch disconnecter	<b>MGNI2254</b>	225A	415V	-	4
Switch disconnecter	<b>MGNI1604</b>	160A	415V	-	4
Switch disconnecter	<b>MGNI2004</b>	200A	415V	-	4
Switch disconnecter	<b>MGNI2504</b>	250A	415V	-	4
Residual current device	<b>RMG630304</b>	63A	415V	30mA	4
Residual current device	<b>RMG631004</b>	63A	415V	100mA	4
Residual current device	<b>RMG633004</b>	63A	415V	300mA	4
Residual current device	<b>16261</b>	80A	415V	30mA	4
Residual current device	<b>23213</b>	100A	415V	300mA	4
Residual current device	<b>MGNI160RCCB</b>	160A	415V	Adjustable + delays	4
Residual current device	<b>23146</b>	63A	415V	300mA Time Delayed	4
Residual current device	<b>23227</b>	100A	415V	300mA Time Delayed	4
Terminal block	<b>MGTB1254</b>	125A	415V	-	4
Terminal block	<b>MGNTB2504</b>	250A	415V	-	4
Terminal block	<b>MGNPB2504</b>	250A	415V	-	4
MCCB	<b>MGNCB1004</b>	100A	415V	-	4
MCCB	<b>MGNCB1604</b>	160A	415V	-	4
MCCB	<b>MGNCB2004</b>	200A	415V	-	4
MCCB	<b>MGNCB2504</b>	250A	415V	-	4
Dual source incomer	<b>MGNSDI</b>	125A	415V	-	4
Metering kit	<b>MGBNKWH</b>	125/250A			
100A Contactor incomer	<b>MGBN100CCI</b>	100A	415V	-	4

## Single phasing kits

Description	Part N°.	Rating	Voltage
For incomers up to 125A	<b>MG125SPEV</b>	125A	415V
For incomers up to 250A	<b>MG250SPEV</b>	250A	415V

**Note:** All Isobar 4 distribution boards are supplied without incoming devices.



Switch disconnecter



Residual current device (RCD)



Terminal block



Moulded case circuit breaker (MCCB)

## Outgoing devices

### Type B miniature circuit breakers

Rating (A)	Part N°s.			
	1 pole	2 pole	3 pole	4 pole
1	C60HB101	C60HB201	C60HB301	C60HB401
2	C60HB102	C60HB202	C60HB302	C60HB402
4	C60HB104	C60HB204	C60HB304	C60HB404
6	C60HB106	C60HB206	C60HB306	C60HB406
10	C60HB110	C60HB210	C60HB310	C60HB410
16	C60HB116	C60HB216	C60HB316	C60HB416
20	C60HB120	C60HB220	C60HB320	C60HB420
25	C60HB125	C60HB225	C60HB325	C60HB425
32	C60HB132	C60HB232	C60HB332	C60HB432
40	C60HB140	C60HB240	C60HB340	C60HB440
50	C60HB150	C60HB250	C60HB350	C60HB450
63	C60HB163	C60HB263	C60HB363	C60HB463

### Type C miniature circuit breakers

Rating (A)	Part N°s.			
	1 pole	2 pole	3 pole	4 pole
1	C60HC101	C60HC201	C60HC301	24872
2	C60HC102	C60HC202	C60HC302	24873
4	C60HC104	C60HC204	C60HC304	24875
6	C60HC106	C60HC206	C60HC306	24876
10	C60HC110	C60HC210	C60HC310	24877
16	C60HC116	C60HC216	C60HC316	24878
20	C60HC120	C60HC220	C60HC320	24879
25	C60HC125	C60HC225	C60HC325	24880
32	C60HC132	C60HC232	C60HC332	24881
40	C60HC140	C60HC240	C60HC340	24882
50	C60HC150	C60HC250	C60HC350	24883
63	C60HC163	C60HC263	C60HC363	24884

### Type D miniature circuit breakers

Rating (A)	Part N°s.			
	1 pole	2 pole	3 pole	4 pole
1	C60HD101	C60HD201	C60HD301	25211
2	C60HD102	C60HD202	C60HD302	25212
4	C60HD104	C60HD204	C60HD304	25214
6	C60HD106	C60HD206	C60HD306	25215
10	C60HD110	C60HD210	C60HD310	25216
16	C60HD116	C60HD216	C60HD316	25217
20	C60HD120	C60HD220	C60HD320	25218
25	C60HD125	C60HD225	C60HD325	25219
32	C60HD132	C60HD232	C60HD332	25220
40	C60HD140	C60HD240	C60HD340	25221
50	C60HD150	C60HD250	C60HD350	25222
63	C60HD163	C60HD263	C60HD363	25223

### Single pole RCBOs Type C

Class AC 30mA sensitivity		Class AC 100mA sensitivity		Class A 10mA sensitivity		Class A 30mA sensitivity	
Part N°.	Rating (A)	Part N°.	Rating (A)	Part N°.	Rating (A)	Part N°.	Rating (A)
C60HC6R30	6	C60HC6R100	6	C60HC6RA10	6	C60HC6RA30	6
C60HC10R30	10	C60HC10R100	10	C60HC10RA10	10	C60HC10RA30	10
C60HC16R30	16	C60HC16R100	16	C60HC16RA10	16	C60HC16RA30	16
C60HC20R30	20	C60HC20R100	20	C60HC20RA10	20	C60HC20RA30	20
C60HC32R30	32	C60HC32R100	32	C60HC32RA10	32	C60HC32RA30	32
C60HC45R30	45	C60HC45R100	45	C60HC45RA10	45	C60HC45RA30	45

## Outgoing devices

### C60 auxiliaries

Description	Part N°.	Coil voltage	N°. of 18mm SP modules
Auxiliary switch (OF)	<b>26924</b>	-	0.5
Alarm switch (SD)	<b>26927</b>	-	0.5
Shunt trip (MX)	<b>26946</b>	220/415Vac	1
Undervoltage (MN)	<b>26960</b>	220/240Vac	1

### C60 accessories

Description	Part N°.
Locking attachment (pack of 5)	<b>MGLA</b>
Padlock with 2 keys	<b>MGLAP</b>
Neutral kits (pack of 4)	<b>NKIT</b>

### Contactors 240V coil voltage

Type	Rating (A)	Contacts	Width in 18mm ways	Part N°.
1P	16	1NO	1	<b>16113</b>
	25	1NO	1	<b>15958</b>
2P	16	1NO+1NC	1	<b>16956</b>
	16	2NO	1	<b>15957</b>
	25	2NO	1	<b>15959</b>
	25	2NO	1	<b>15960</b>
	40	2NO	2	<b>15966</b>
3P	63	2NO	2	<b>15971</b>
	16	3NC	2	<b>16120</b>
	25	3NO	2	<b>15961</b>
	40	3NO	3	<b>15967</b>
	63	2NO+1NC	3	<b>15319</b>
4P	63	3NO	3	<b>15972</b>
	16	4NC	2	<b>16124</b>
	16	2NO+2NC	2	<b>16130</b>
	25	4NO	2	<b>15962</b>
	25	4NC	2	<b>15963</b>
	25	2NO+2NC	2	<b>15964</b>
	40	4NO	3	<b>15968</b>
	40	4NC	3	<b>15969</b>
	63	4NO	3	<b>15973</b>
	63	4NC	3	<b>15974</b>
63	2NO+2NC	3	<b>15975</b>	

### Time management - analogue and digital time control switches

Family	Type	Number of switching operations	Number of channels	Width in 18mm ways	Part N°.
IH 1c 24hr	Analogue	48 on - 48 off	1	1	<b>15335</b>
IH 1c 60min	Analogue	24 on - 24 off	1	3	<b>15338</b>
IH 1c 24hr	Analogue	24 on - 24 off	1	3	<b>16364</b>
IH 1c 24hr	Analogue	24 on - 24 off	1	3	<b>15365</b>
IH 2c 24hr	Analogue	24 on - 24 off	2	3	<b>15337</b>
IHP 18mm 1c	Digital	28	1	1	<b>15854</b>
IH 1c	Digital	28	1	2.5	<b>15820</b>
IH 2c	Digital	42	2	2.5	<b>15822</b>

### Metering and measurement - digital meters for various functions

Family	Unit of measurement	Rating	Voltage rating (Vac)	Width in 18mm ways	Part N°.
ME1	kWh	63A	230	2	<b>17065</b>
ME3	kWh	63A	3x400	4	<b>17075</b>
AMP	Amp	0 - 10A	230	2	<b>15202</b>
VLT	Volt	0 - 600V	600	2	<b>15201</b>
FRE	Hertz	20 - 100Hz	230	2	<b>15208</b>
PM9	Multi	Multi	230	4	<b>15196</b>

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