



MCCB Panelboards

Mirage 200/250/400/630/800 Amps

Power and productivity
for a better world™



Mirage

MCCB Panelboards

General

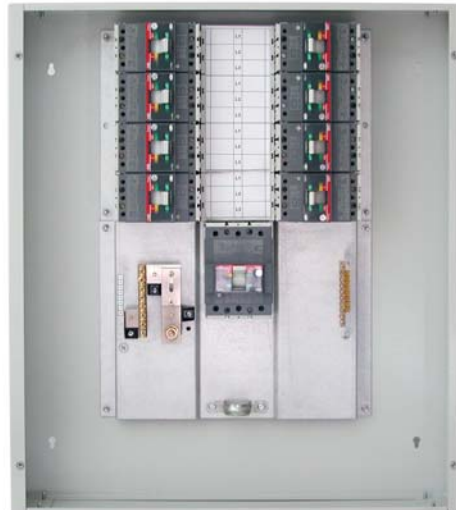
Mirage 200/250/400/630/800 Amps



The Mirage type tested MCCB panel boards have been designed for easy handling and quick, simple installation for the electrical contractor.

Compact MCCB design ensures maximum cabling area within the enclosures.

Removable top & bottom gland plates are provided for ease of installation and cabling. The removal of these also allows for fitting of additional items such as top and bottom extension boxes, plinths and metering panels.



Mirage 200

MCCB Panelboards

Technical Details - Ordering Details



Technical details

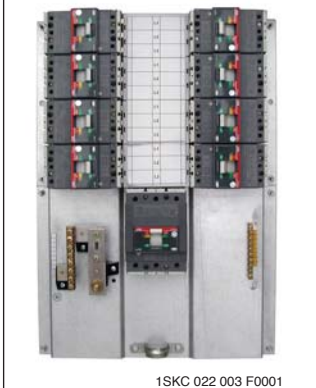
Standard	: IEC 439-1, EN 60439-1/BS EN 60439-1 &3
Max. load	: 200 Amp
Max. voltage	: 415V ac, 50/60 Hz
Rated insulation voltage	: 1000V ac
Rated operational voltage	: 690 V ac
Range	: 2, 4, 6, 8, 12 and 16 TP&N ways
Incoming Device	: Max. 200 Amp, TP MCCB disconnecter
Outgoing Device	: Max. 160 Amp, TP or SP MCCB size T1
Protection degree	: IP 42 (IP54 as an option on request) IP 20 for pan assembly
Color	: RAL 7035
Rated short time withstand current	: 35 KA at 415V. 0.25 pf
Rated peak withstand current	: 73.5 KA at 415V. 0.25 pf
Rated impulse withstand voltage	: 2.5 kV
Enclosure material	: Cold rolled sheet steel 1.5 mm (ALUZINK steel on request)



Mirage 200, MCCB panel boards, Incoming MCCB disconnecter 200A, outgoing T1, 160A, fixed capacity

No. of poles	Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
	Type	No of ways	Rating A		Type Code	Type No.	
TPN/SPN	T1	2/6	160	650 x 700 x 135	GDMR20-302FT1	1SKS 302 242 C3311	36
TPN/SPN	T1	4/12	160	650 x 700 x 135	GDMR20-304FT1	1SKS 304 242 C3311	37
TPN/SPN	T1	6/18	160	800 x 700 x 135	GDMR20-306FT1	1SKS 306 242 C3311	44
TPN/SPN	T1	8/24	160	800 x 700 x 135	GDMR20-308FT1	1SKS 308 242 C3311	45
TPN/SPN	T1	12/36	160	1100 x 700 x 135	GDMR20-312FT1	1SKS 312 242 C3311	56
TPN/SPN	T1	16/48	160	1100 x 700 x 135	GDMR20-316FT1	1SKS 316 242 C3311	59

- For SP-T1 use with inserts type
- The order code includes the incoming devices, but doesn't include the outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type



Mirage 200, Pan assembly with incoming MCCB disconnecter 200A and outgoing T1, 160A, fixed capacity

No. of poles	Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
	Type	No of ways	Rating A		Type Code	Type No.	
TPN/SPN	T1	2/6	160	330 x 464 x 75	GDMR20-PA302FT1	1SKS 302 102 C3210	10
TPN/SPN	T1	4/12	160	407 x 464 x 75	GDMR20-PA304FT1	1SKS 304 102 C3210	11
TPN/SPN	T1	6/18	160	484 x 464 x 75	GDMR20-PA306FT1	1SKS 306 102 C3210	12.6
TPN/SPN	T1	8/24	160	561 x 464 x 75	GDMR20-PA308FT1	1SKS 308 102 C3210	13.8
TPN/SPN	T1	12/36	160	715 x 464 x 75	GDMR20-PA312FT1	1SKS 312 102 C3210	16.2
TPN/SPN	T1	16/48	160	869 x 464 x 75	GDMR20-PA316FT1	1SKS 316 102 C3210	19

- For SP-T1 use with inserts type
- The order code includes the incoming devices, but doesn't include the outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 250

MCCB Panelboards

Technical Details - Ordering Details



Technical details

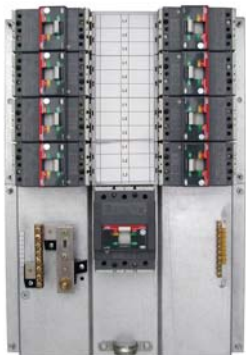
Standard	: IEC 439-1, EN 60439-1/BS EN 60439-1 &3
Max. load	: 250 Amp
Max. voltage	: 415V ac, 50/60 Hz
Rated insulation voltage	: 1000V ac
Rated operational voltage	: 690 V ac
Range	: 2, 4, 6, 8, 12 and 16 TP&N ways
Incoming Device	: Max. 250 Amp, TP MCCB size T3
Outgoing Device	: Max. 160 Amp, TP or SP MCCB size T1
Protection degree	: IP 42 (IP54 as an option on request) IP 20 for pan assembly
Color	: RAL 7035
Rated short time withstand current	: 35 KA at 415V. 0.25 pf
Rated peak withstand current	: 73.5 KA at 415V. 0.25 pf
Rated impulse withstand voltage	: 2.5 kV
Enclosure material	: Cold rolled sheet steel 1.5 mm (ALUZINK steel on request)



Mirage 250, MCCB panel boards, Incoming T3, 250A, outgoing T1, 160A, fixed capacity

No. of poles	Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
	Type	No of ways	Rating A		Type Code	Type No.	
TPN/SPN	T1	2/6	160	650 x 700 x 135	GDMR25-202FT1	1SKS 202 242 C3310	35
TPN/SPN	T1	4/12	160	650 x 700 x 135	GDMR25-204FT1	1SKS 204 242 C3310	36
TPN/SPN	T1	6/18	160	800 x 700 x 135	GDMR25-206FT1	1SKS 206 242 C3310	43
TPN/SPN	T1	8/24	160	800 x 700 x 135	GDMR25-208FT1	1SKS 208 242 C3310	44
TPN/SPN	T1	12/36	160	1100 x 700 x 135	GDMR25-212FT1	1SKS 212 242 C3310	55
TPN/SPN	T1	16/48	160	1100 x 700 x 135	GDMR25-216FT1	1SKS 216 242 C3310	58

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type



Mirage 250, Pan assembly for incoming T3, 250A and outgoing T1, 160A, fixed capacity

No. of poles	Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
	Type	No of ways	Rating A		Type Code	Type No.	
TPN/SPN	T1	2/6	160	330 x 464 x 75	GDMR25-PA302FT1	1SKS 102 102 C3210	9
TPN/SPN	T1	4/12	160	407 x 464 x 75	GDMR25-PA304FT1	1SKS 104 102 C3210	10
TPN/SPN	T1	6/18	160	484 x 464 x 75	GDMR25-PA306FT1	1SKS 106 102 C3210	11.5
TPN/SPN	T1	8/24	160	561 x 464 x 75	GDMR25-PA308FT1	1SKS 108 102 C3210	12.6
TPN/SPN	T1	12/36	160	715 x 464 x 75	GDMR25-PA312FT1	1SKS 112 102 C3210	15
TPN/SPN	T1	16/48	160	869 x 464 x 75	GDMR25-PA316FT1	1SKS 116 102 C3210	17.6

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 400

MCCB Panelboards

Technical Details - Ordering Details



Technical details

Standard	: IEC 439-1, EN 60439-1/BS EN 60439-1 &3
Max. load	: 400 Amp
Max. voltage	: 415V ac, 50/60 Hz
Rated insulation voltage	: 1000V ac
Rated operational voltage	: 690 V ac
Range	: 4, 6, 8, 12 and 16 TP&N ways
Incoming Device	: Max. 400 Amp, TP MCCB size T5
Outgoing Device	: Max. 160 Amp, TP or SP MCCB size T1 Max. 250 Amp, TP MCCB size T3
Protection degree	: IP 42 (IP54 as an option on request) IP 20 for pan assembly
Color	: RAL 7035
Rated short time withstand current	: 36 KA at 415V. 0.25 pf
Rated peak withstand current	: 75.6 KA at 415V. 0.25 pf
Rated impulse withstand voltage	: 6 kV
Enclosure material	: Cold rolled sheet steel 1.5 mm (ALUZINK steel on request)

Mirage 400, MCCB panel boards, fixed capacity, incoming T5, 400A, outgoing T1, 160A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN/SPN	T1	4/12	800 x 800 x 160	GDMR40-304 FT19	1SKS 404 242 C3319	67
TPN/SPN	T1	6/18	1000 x 800 x 160	GDMR40-306 FT19	1SKS 406 242 C3319	80
TPN/SPN	T1	8/24	1000 x 800 x 160	GDMR40-308 FT19	1SKS 408 242 C3319	83
TPN/SPN	T1	12/36	1300 x 800 x 160	GDMR40-312 FT19	1SKS 412 242 C3319	90
TPN/SPN	T1	16/48	1300 x 800 x 160	GDMR40-316 FT19	1SKS 416 242 C3319	105

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 400, MCCB panel boards, fixed capacity, incoming T5, 400A, outgoing T3, 250A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	T3	4	800 x 800 x 160	GDMR40-304 FT39	1SKS 404 242 C3339	68
TPN	T3	6	1000 x 800 x 160	GDMR40-306 FT39	1SKS 406 242 C3339	81
TPN	T3	8	1000 x 800 x 160	GDMR40-308 FT39	1SKS 408 242 C3339	84
TPN	T3	12	1300 x 800 x 160	GDMR40-312 FT39	1SKS 412 242 C3339	100
TPN	T3	16	1300 x 800 x 160	GDMR40-316 FT39	1SKS 416 242 C3339	106

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 400, MCCB panel boards, incoming T5-400A, outgoing T1-T3 mixed capacity

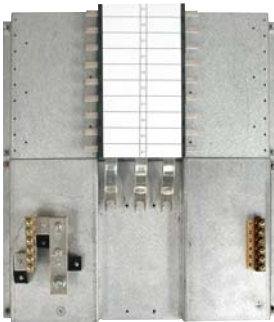
Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	2T3+4T1	6	1000 x 800 x 160	GDMR40-306M1	1SKS 406 242 C3601	80
TPN	2T3+6T1	8	1000 x 800 x 160	GDMR40-308M2	1SKS 408 242 C3602	83
TPN	2T3+10T1	12	1300 x 800 x 160	GDMR40-312M3	1SKS 412 242 C3603	90

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Mixed capacity means that all the outgoing ways are different in type

Mirage 400

MCCB Panelboards

Ordering Details (continued)



1SKC 022 004 F0001

Mirage 400, MCCB pan assembly, fixed capacity, incoming T5, 400A, outgoing T1, 160A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN/SPN	T1	4/12	410 x 489 x 125	GDMR40-PA304T19	1SKS 404 102 C3219	15
TPN/SPN	T1	6/18	471 x 489 x 125	GDMR40-PA306T19	1SKS 406 102 C3219	18
TPN/SPN	T1	8/24	548 x 489 x 125	GDMR40-PA308T19	1SKS 408 102 C3219	21
TPN/SPN	T1	12/36	702 x 489 x 125	GDMR40-PA312T19	1SKS 412 102 C3219	26
TPN/SPN	T1	16/48	856 x 489 x 125	GDMR40-PA316T19	1SKS 416 102 C3219	32

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 400, MCCB pan assembly, fixed capacity, incoming T5, 400A, outgoing T3, 250A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	T3	4	477 x 497 x 125	GDMR40-PA304T39	1SKS 404 102 C3239	16
TPN	T3	6	582 x 497 x 125	GDMR40-PA306T39	1SKS 406 102 C3239	19
TPN	T3	8	687 x 497 x 125	GDMR40-PA308T39	1SKS 408 102 C3239	22
TPN	T3	12	897 x 497 x 125	GDMR40-PA312T39	1SKS 412 102 C3239	27
TPN	T3	16	1107x 497 x 125	GDMR40-PA316T39	1SKS 416 102 C3239	33

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type



1SKC 022 005 F0001

Mirage 400, MCCB pan assembly, incoming T5, 400A, outgoing T1, T3 mixed capacity

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	2T3+4T1	6	534 x 497 x 125	GDMR40-PA306M1	1SKS 406 102 C3501	18
TPN	2T3+6T1	8	611 x 497 x 125	GDMR40-PA308M2	1SKS 408 102 C3502	21
TPN	2T3+10T1	12	765 x 497 x 125	GDMR40-PA312M3	1SKS 412 102 C3503	26

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Mixed capacity means that all the outgoing ways are different in type

Mirage 630

MCCB Panelboards

Technical Details - Ordering Details



Technical details

Standard	: IEC 439-1, EN 60439-1/BS EN 60439-1 &3
Max. load	: 630 Amp
Max. voltage	: 415V ac, 50/60 Hz
Rated insulation voltage	: 1000V ac
Rated operational voltage	: 690 V ac
Range	: 4, 6, 8, 12 and 16 TP&N ways
Incoming Device	: Max. 630 Amp, TP MCCB size T5-630 PR221DS
Outgoing Device	: Max. 160 Amp, TP or SP MCCB size T1 Max. 250 Amp, TP MCCB size T3
Protection degree	: IP 42 (IP54 as an option on request) IP 20 for pan assembly
Color	: RAL 7035
Rated short time withstand current	: 50 KA at 415V. 0.25 pf
Rated peak withstand current	: 105 KA at 415V. 0.25 pf
Rated impulse withstand voltage	: 6 kV
Enclosure material	: Cold rolled sheet steel 1.5 mm (ALUZINK steel on request)



Mirage 630, MCCB panel boards, fixed capacity, incoming T5, 630A, outgoing T1, 160A

Outgoing data			Dimensions	Ordering details		Weight kg
No of poles	Type	No of ways	H x W x D mm	Type Code	Type No.	
TPN/SPN	T1	4/12	900 x 860 x 215	GDMR63-304 FT19	1SKS 604 242 C3319	73
TPN/SPN	T1	6/18	1100 x 860 x 215	GDMR63-306 FT19	1SKS 606 242 C3319	85
TPN/SPN	T1	8/24	1100 x 860 x 215	GDMR63-308 FT19	1SKS 608 242 C3319	89
TPN/SPN	T1	12/36	1500 x 860 x 215	GDMR63-312 FT19	1SKS 612 242 C3319	104
TPN/SPN	T1	16/48	1500 x 860 x 215	GDMR63-316 FT19	1SKS 616 242 C3319	110

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 630, MCCB panel boards, fixed capacity, incoming T5, 630A, outgoing T3, 250A

Outgoing data			Dimensions	Ordering details		Weight kg
No of poles	Type	No of ways	H x W x D mm	Type Code	Type No.	
TPN	T3	4	900 x 860 x 215	GDMR63-304 FT39	1SKS 604 242 C3339	74
TPN	T3	6	1100 x 860 x 215	GDMR63-306 FT39	1SKS 606 242 C3339	86
TPN	T3	8	1100 x 860 x 215	GDMR63-308 FT39	1SKS 608 242 C3339	90
TPN	T3	12	1500 x 860 x 215	GDMR63-312 FT39	1SKS 612 242 C3339	105
TPN	T3	16	1500 x 860 x 215	GDMR63-316 FT39	1SKS 616 242 C3339	111

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 630, MCCB panel boards, incoming T5, 630A, outgoing T1, T3 mixed capacity

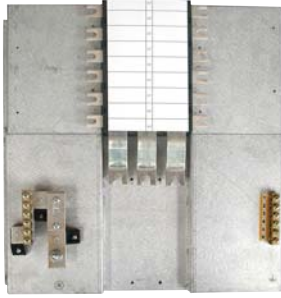
Outgoing data			Dimensions	Ordering details		Weight kg
No of poles	Type	No of ways	H x W x D mm	Type Code	Type No.	
TPN	4T3+4T1	8	1100 x 860 x 215	GDMR63-308M4	1SKS 608 242 C3604	89
TPN	4T3+8T1	12	1500 x 860 x 215	GDMR63-312M5	1SKS 612 242 C3605	104
TPN	4T3+12T1	16	1500 x 860 x 215	GDMR63-316M6	1SKS 616 242 C3606	110
TPN	2T3+14T1	16	1500 x 860 x 215	GDMR63-316M7	1SKS 616 242 C3607	110

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Mixed capacity means that all the outgoing ways are different in type

Mirage 630

MCCB Panelboards

Ordering Details (continued)



1SKC 022 006 F0001

Mirage 630, MCCB pan assembly, fixed capacity, incoming T5, 630A, outgoing T1, 160A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN/SPN	T1	4/12	410 x 489 x 140	GDMR63-PA304T19	1SKS 604 102 C3219	16
TPN/SPN	T1	6/18	471 x 489 x 140	GDMR63-PA306T19	1SKS 606 102 C3219	19
TPN/SPN	T1	8/24	548 x 489 x 140	GDMR63-PA308T19	1SKS 608 102 C3219	22
TPN/SPN	T1	12/36	702 x 489 x 140	GDMR63-PA312T19	1SKS 612 102 C3219	27
TPN/SPN	T1	16/48	856 x 489 x 140	GDMR63-PA316T19	1SKS 616 102 C3219	33

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type



1SKC 022 007 F0001

Mirage 630, MCCB pan assembly, fixed capacity, incoming T5, 630A, outgoing T3, 250A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	T3	4	477 x 497 x 140	GDMR63-PA304T39	1SKS 604 102 C3239	17
TPN	T3	6	582 x 497 x 140	GDMR63-PA306T39	1SKS 606 102 C3239	20
TPN	T3	8	687 x 497 x 140	GDMR63-PA308T39	1SKS 608 102 C3239	23
TPN	T3	12	897 x 497 x 140	GDMR63-PA312T39	1SKS 612 102 C3239	28
TPN	T3	16	1107x 497 x 140	GDMR63-PA316T39	1SKS 616 102 C3239	34

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type



1SKC 022 005 F0001

Mirage 630, MCCB pan assembly, incoming T5, 630A, outgoing T1-T3 mixed capacity

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	4T3+4T1	8	640 x 497 x 140	GDMR63-PA308M4	1SKS 608 102 C3504	22
TPN	4T3+8T1	12	804 x 497 x 140	GDMR63-PA312M5	1SKS 612 102 C3505	27
TPN	4T3+12T1	16	888 x 497 x 140	GDMR63-PA316M6	1SKS 616 102 C3506	33
TPN	2T3+14T1	16	919 x 497 x 140	GDMR63-PA316M7	1SKS 616 102 C3507	33

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Mixed capacity means that all the outgoing ways are different in type

Mirage

MCCB Panelboards

Accessories - Ordering Details



Mirage 200/250 Accessories

Top extension box kit

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
Blank cover 200 mm height	200 x 700 x 110	GDMR25-ATB2B	1SKA 660 442 C0101	5
Blank cover 400 mm height	400 x 700 x 110	GDMR25-ATB4B	1SKA 660 442 C0102	7.3
Measuring 200 mm height	200 x 700 x 110	GDMR25-ATM2A	1SKA 660 442 C0103	5.5
Measuring 400 mm height	400 x 700 x 110	GDMR25-ATM4A	1SKA 660 442 C0104	7.7

Measuring box does not include the measuring devices

Bottom extension plinth

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
200 mm height	200 x 700 x 110	GDMR25-ABP2C	1SKA 661 442 C0101	5
400 mm height	400 x 700 x 110	GDMR25-ABP4C	1SKA 661 442 C0102	7.3

Special kit for current transformer

Type	CT rating	Ordering details		Weight kg
		Type Code	Type No.	
200A MCCB-panel	200/5A	GDMR20-ACT5	1SKA 663 000 C0201	0.8
250A MCCB-panel	250/5A	GDMR25-ACT5	1SKA 663 000 C0101	0.8

The CT kit does not include the current transformers, these must be ordered separately

Mirage 400 Accessories

Top extension box kit

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
Blank cover 250 mm height	250 x 800 x 125	GDMR40-ATB2B	1SKA 660 442 C4101	6.5
Blank cover 400 mm height	400 x 800 x 125	GDMR40-ATB4B	1SKA 660 442 C4102	9
Measuring 250 mm height	250 x 800 x 125	GDMR40-ATM2A	1SKA 660 442 C4103	6.9
Measuring 400 mm height	400 x 800 x 125	GDMR40-ATM4A	1SKA 660 442 C4104	9.4

Measuring box does not include the measuring devices

Bottom extension plinth

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
250 mm height	250 x 800 x 125	GDMR40-ABP2C	1SKA 661 442 C4101	6.5
400 mm height	400 x 800 x 125	GDMR40-ABP4C	1SKA 661 442 C4102	9

Mirage 630 Accessories

Top extension box kit

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
Blank cover 250 mm height	250 x 860 x 160	GDMR63-ATB2B	1SKA 660 442 C4105	6.8
Blank cover 400 mm height	400 x 860 x 160	GDMR63-ATB4B	1SKA 660 442 C4106	9.3
Measuring 250 mm height	250 x 860 x 160	GDMR63-ATM2A	1SKA 660 442 C4107	7.2
Measuring 400 mm height	400 x 860 x 160	GDMR63-ATM4A	1SKA 660 442 C4108	9.7

Measuring box does not include the measuring devices

Bottom extension plinth

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
250 mm height	250 x 860 x 160	GDMR63-ABP2C	1SKA 661 442 C4103	6.8
400 mm height	400 x 860 x 160	GDMR63-ABP4C	1SKA 661 442 C4104	9.3

Special kit for current transformer

Type	CT rating	Ordering details		Weight kg
		Type Code	Type No.	
400A MCCB-panel	400/5A	GDMR40-ACT5	1SKA 663 000 C4201	0.8
630A MCCB-panel	600/5A	GDMR63-ACT5	1SKA 663 000 C6101	0.8

The CT kit does not include the current transformers, these must be ordered separately

Mirage 800

MCCB Panelboards

Technical Details - Ordering Details



1SKC 022 010 F0001

Technical details

Standard	: IEC 439-1, EN 60439-1/BS EN 60439-1 &3
Max. load	: 800 Amp
Max. voltage	: 415V ac, 50/60 Hz
Rated insulation voltage	: 1000V ac
Rated operational voltage	: 690 V ac
Range	: 4, 6, 8, 10, 12 and 16 TP&N ways
Incoming Device	: Max. 800 Amp, TP MCCB size T6-800
Outgoing Device	: Max. 160 Amp, TP or SP MCCB size T1 Max. 250 Amp, TP MCCB size T3
Protection degree	: IP 42 (IP54 as an option on request) IP 20 for pan assembly
Color	: RAL 7035
Rated short time withstand current	: 50 KA (1 sec) at 415V. 0.25 pf
Rated peak withstand current	: 105 KA at 415V. 0.25 pf
Rated impulse withstand voltage	: 6 kV
Enclosure material	: Cold rolled sheet steel 1.5 mm (ALUZINK steel on request)



1SKC 022 011 F0001

Mirage 800, MCCB panel boards, fixed capacity, incoming T6, 800A, outgoing T1, 160A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN/SPN	T1	4/12	1300 x 800 x 300	GDMR80-304 FT11	1SKS 804 242 C3311	135
TPN/SPN	T1	6/18	1300 x 800 x 300	GDMR80-306 FT11	1SKS 806 242 C3311	140
TPN/SPN	T1	8/24	1600 x 800 x 300	GDMR80-308 FT11	1SKS 808 242 C3311	155
TPN/SPN	T1	10/30	1900 x 800 x 300	GDMR80-310 FT11	1SKS 810 242 C3311	173
TPN/SPN	T1	12/36	1900 x 800 x 300	GDMR80-312 FT11	1SKS 812 242 C3311	185
TPN/SPN	T1	16/48	1900 x 800 x 300	GDMR80-316 FT11	1SKS 816 242 C3311	185

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 800, MCCB panel boards, fixed capacity, incoming T6, 800A, outgoing T3, 250A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	T3	4	1300 x 800 x 300	GDMR80-304 FT31	1SKS 804 242 C3331	137
TPN	T3	6	1300 x 800 x 300	GDMR80-306 FT31	1SKS 806 242 C3331	142
TPN	T3	8	1600 x 800 x 300	GDMR80-308 FT31	1SKS 808 242 C3331	157
TPN	T3	10	1900 x 800 x 300	GDMR80-310 FT31	1SKS 810 242 C3331	174
TPN	T3	12	1900 x 800 x 300	GDMR80-312 FT31	1SKS 812 242 C3331	186

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 800, MCCB pan assembly, fixed capacity, incoming T6, 800A, outgoing T1, 160A



1SKC 022 012 F0001

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN/SPN	T1	4/12	865 x 710 x 120	GDMR80-PA304FT1	1SKS 804 102 C3211	71
TPN/SPN	T1	6/18	941 x 710 x 120	GDMR80-PA306FT1	1SKS 806 102 C3211	75.5
TPN/SPN	T1	8/24	1017 x 710 x 120	GDMR80-PA308FT1	1SKS 808 102 C3211	78
TPN/SPN	T1	10/30	1093 x 710 x 120	GDMR80-PA310FT1	1SKS 810 102 C3211	87
TPN/SPN	T1	12/36	1189 x 710 x 120	GDMR80-PA312FT1	1SKS 812 102 C3211	99
TPN/SPN	T1	16/48	1321 x 710 x 120	GDMR80-PA316FT1	1SKS 816 102 C3211	100

- For SP-T1 use with inserts type
- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 800, MCCB pan assembly, fixed capacity, incoming T6, 800A, outgoing T3, 250A

Outgoing data			Dimensions H x W x D mm	Ordering details		Weight kg
No of poles	Type	No of ways		Type Code	Type No.	
TPN	T3	4	913 x 710 x 120	GDMR80-PA304FT3	1SKS 804 102 C3231	73
TPN	T3	6	1018 x 710 x 120	GDMR80-PA306FT3	1SKS 806 102 C3231	77
TPN	T3	8	1123 x 710 x 120	GDMR80-PA308FT3	1SKS 808 102 C3231	82
TPN	T3	10	1228 x 710 x 120	GDMR80-PA310FT3	1SKS 810 102 C3231	89
TPN	T3	12	1333 x 710 x 120	GDMR80-PA312FT3	1SKS 812 102 C3231	101

- The order code does not include the incoming or outgoing devices, these should be ordered separately.
- Fixed capacity means that all the outgoing ways are similar in type

Mirage 400/800

MCCB Panelboards

Accessories (Ordering details)



Top extension box kit

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
Blank cover 200 mm hieght	200 x 800 x 300	GDMR48-ATB2B	1SKA 660 442 C0001	9
Blank cover 400 mm hieght	400 x 800 x 300	GDMR48-ATB4B	1SKA 660 442 C0002	11
Measuring 200 mm hieght	200 x 800 x 300	GDMR48-ATM2A	1SKA 660 442 C0003	9.3
Measuring 400 mm hieght	400 x 800 x 300	GDMR48-ATM4A	1SKA 660 442 C0004	11.3

Measuring box does not include the measuring devices

Bottom extension plinth

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
200 mm hieght	200 x 800 x 300	GDMR48-ABP2C	1SKA 661 442 C0001	9
400 mm hieght	400 x 800 x 300	GDMR48-ABP4C	1SKA 661 442 C0002	11

Special kit for current transformer

Type	CT rating	Ordering details		Weight kg
		Type Code	Type No.	
800A MCCB-panel	800/5A	GDMR80-ACT5	1SKA 663 000 C0004	0.8

The CT kit does not includes the current transformers, these must be ordered separately

Side cable extension chamber

Type	Dimensions H x W x D mm	Ordering details		Weight kg
		Type Code	Type No.	
For panel 1300 mm Hieght	1300x 400 x 300	GDMR48-AS13D	1SKA 662 000 C0001	31
For panel 1600 mm Hieght	1600x 400 x 300	GDMR48-AS16D	1SKA 662 000 C0002	36
For panel 1900 mm Hieght	1900x 400 x 300	GDMR48-AS19D	1SKA 662 000 C0003	42

Joining switch bars kit

Type	Ordering details		Weight kg
	Type Code	Type No.	
For 800A MCCB-panel	GDMR80-AJN	1SKA 664 000 C0002	1.1

L1/L2/L3 copper link for incoming and outgoing kit

Type	Ordering details		Weight kg
	Type Code	Type No.	
800A MCCB-panel	GDMR80-ALK	1SKA 665 000 C0004	1.1

Direct connection kit to busbar

Type	Ordering details		Weight kg
	Type Code	Type No.	
800A MCCB-panel	GDMR80-ADC	1SKA 666 000 C0004	0.8

Spare parts

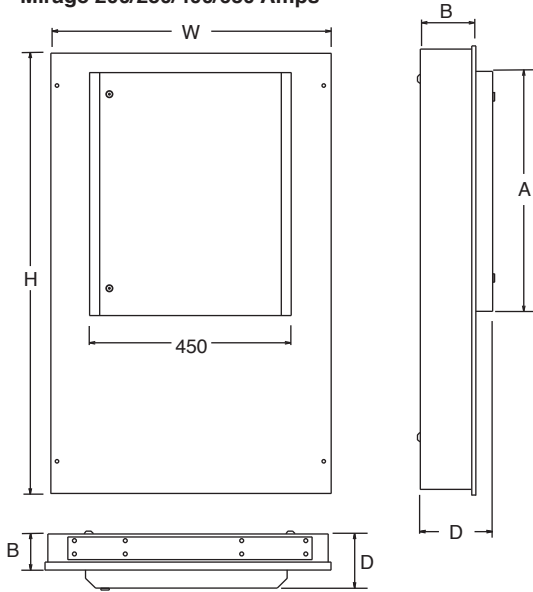
Type	Ordering details		Weight kg
	Type Code	Type No.	
Small terminal cover	GDMR80-SSCR	1SKA 667 000 C0001	0.55
Big terminal cover	GDMR80-SBCR	1SKA 668 000 C0001	0.7

Mirage

MCCB Panelboards

Dimensional Details

Mirage 200/250/400/630 Amps



Mirage 200 Amp

Type Code	H (mm)	W (mm)	D (mm)	A (mm)	B (mm)
GDMR20-302FT1	650	700	135	350	100
GDMR20-304FT1	650	700	135	350	100
GDMR20-306FT1	800	700	135	500	100
GDMR20-308FT1	800	700	135	500	100
GDMR20-312FT1	1100	700	135	800	100
GDMR20-316FT1	1100	700	135	800	100

Mirage 250 Amp

Type Code	H (mm)	W (mm)	D (mm)	A (mm)	B (mm)
GDMR25-302FT1	650	700	135	350	100
GDMR25-304FT1	650	700	135	350	100
GDMR25-306FT1	800	700	135	500	100
GDMR25-308FT1	800	700	135	500	100
GDMR25-312FT1	1100	700	135	800	100
GDMR25-316FT1	1100	700	135	800	100

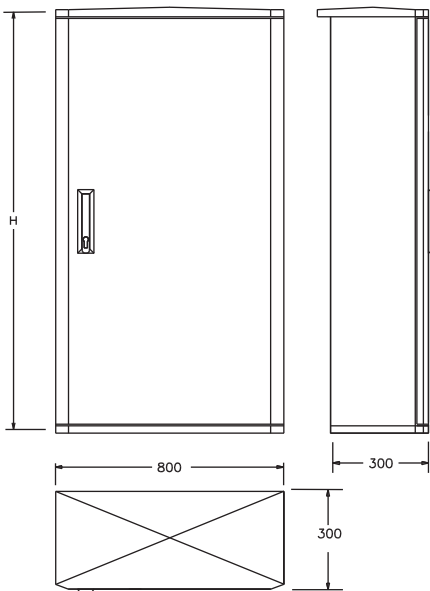
Mirage 400 Amp

Type Code	H (mm)	W (mm)	D (mm)	A (mm)	B (mm)
GDMR40-304 FT19	800	800	160	350	125
GDMR40-304 FT39	800	800	160	350	125
GDMR40-306 FT19	1000	800	160	500	125
GDMR40-306 FT39	1000	800	160	500	125
GDMR40-306M1	1000	800	160	500	125
GDMR40-308 FT19	1000	800	160	500	125
GDMR40-308 FT39	1000	800	160	500	125
GDMR40-308M2	1000	800	160	500	125
GDMR40-312 FT19	1300	800	160	800	125
GDMR40-310 FT39	1300	800	160	800	125
GDMR40-312M3	1300	800	160	800	125
GDMR40-316 FT19	1300	800	160	800	125
GDMR40-316 FT39	1300	800	160	800	125

Mirage 630 Amp

Type Code	H (mm)	W (mm)	D (mm)	A (mm)	B (mm)
GDMR63-304 FT19	900	860	215	350	180
GDMR63-304 FT39	900	860	215	350	180
GDMR63-306 FT19	1100	860	215	500	180
GDMR63-306 FT39	1100	860	215	500	180
GDMR63-308 FT19	1100	860	215	500	180
GDMR63-308 FT39	1100	860	215	500	180
GDMR63-308M4	1100	860	215	500	180
GDMR63-312 FT19	1500	860	215	800	180
GDMR63-312 FT39	1500	860	215	800	180
GDMR63-312M5	1500	860	215	800	180
GDMR63-316 FT19	1500	860	215	800	180
GDMR63-316 FT39	1500	860	215	800	180
GDMR63-316M6	1500	860	215	800	180
GDMR63-316M7	1500	860	215	800	180

Mirage 800 Amp



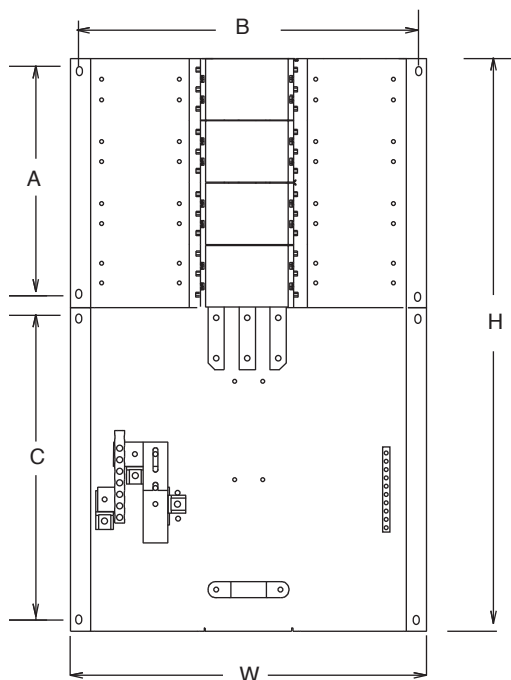
Type Code	H (mm)	W (mm)	D (mm)
GDMR80-304 FT11	1300	800	300
GDMR80-304 FT31	1300	800	300
GDMR80-306 FT11	1300	800	300
GDMR80-306 FT31	1300	800	300
GDMR80-308 FT11	1600	800	300
GDMR80-308 FT31	1600	800	300
GDMR80-310 FT11	1900	800	300
GDMR80-310 FT31	1900	800	300
GDMR80-312 FT11	1900	800	300
GDMR80-312 FT31	1900	800	300
GDMR80-316 FT11	1900	800	300

Mirage

MCCB Panelboards

Dimensional Details(continued)

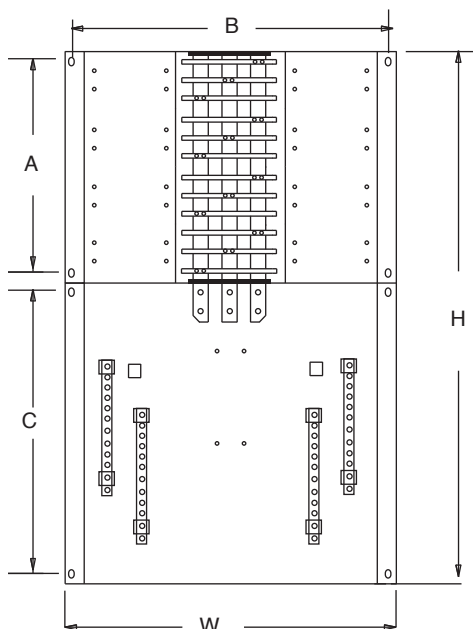
Mirage 200/250/400/630 Amps, Pan assembly



Mirage 400 Amp, Pan assembly

Type Code	H (mm)	W (mm)	A (mm)	B (mm)	C (mm)
GDMR40-PA304T19	410	489	129	474	240
GDMR40-PA306T19	471	489	181	474	240
GDMR40-PA308T19	548	489	258	474	240
GDMR40-PA312T19	702	489	412	474	240
GDMR40-PA316T19	856	489	566	474	240
GDMR40-PA304T39	477	497	187	482	240
GDMR40-PA306T39	582	497	292	482	240
GDMR40-PA308T39	687	497	397	482	240
GDMR40-PA312T39	897	497	607	482	240
GDMR40-PA316T39	1107	497	817	482	240
GDMR40-PA306M1	534	497	244	482	240
GDMR40-PA308M2	611	497	321	482	240
GDMR40-PA312M3	765	497	475	482	240

Mirage 800 Amp, Pan assembly



Mirage 200 Amp, Pan assembly

Type Code	H (mm)	W (mm)	A (mm)	B (mm)	C (mm)
GDMR20-PA302FT1	330	464	52	444	228
GDMR20-PA304FT1	407	464	129	444	228
GDMR20-PA306FT1	484	464	206	444	228
GDMR20-PA308FT1	561	464	283	444	228
GDMR20-PA312FT1	715	464	437	444	228
GDMR20-PA316FT1	869	464	591	444	228

Mirage 250 Amp, Pan assembly

Type Code	H (mm)	W (mm)	A (mm)	B (mm)	C (mm)
GDMR25-PA302FT1	330	464	52	444	228
GDMR25-PA304FT1	407	464	129	444	228
GDMR25-PA306FT1	484	464	206	444	228
GDMR25-PA308FT1	561	464	283	444	228
GDMR25-PA312FT1	715	464	437	444	228
GDMR25-PA316FT1	869	464	591	444	228

Mirage 630 Amp, Pan assembly

Type Code	H (mm)	W (mm)	A (mm)	B (mm)	C (mm)
GDMR63-PA304T19	410	489	129	474	240
GDMR63-PA306T19	471	489	181	474	240
GDMR63-PA308T19	548	489	258	474	240
GDMR63-PA312T19	702	489	412	474	240
GDMR63-PA316T19	856	489	566	474	240
GDMR63-PA304T39	477	497	187	482	240
GDMR63-PA306T39	582	497	292	482	240
GDMR63-PA308T39	687	497	397	482	240
GDMR63-PA312T39	897	497	607	482	240
GDMR63-PA316T39	1107	497	817	482	240
GDMR63-PA308M4	640	497	350	482	240
GDMR63-PA312M5	804	497	514	482	240
GDMR63-PA316M6	888	497	668	482	240
GDMR63-PA316M7	919	497	629	482	240

Mirage 800 Amp, Pan assembly

Type Code	H (mm)	W (mm)	A (mm)	B (mm)	C (mm)
GDMR80-PA304FT1	865	710	246	680	444
GDMR80-PA306FT1	941	710	322	680	444
GDMR80-PA308FT1	1017	710	398	680	444
GDMR80-PA310FT1	1093	710	474	680	444
GDMR80-PA312FT1	1189	710	550	680	444
GDMR80-PA316FT1	1321	710	702	680	444
GDMR80-PA304FT3	913	710	286	680	444
GDMR80-PA306FT3	1018	710	383	680	444
GDMR80-PA308FT3	1123	710	488	680	444
GDMR80-PA310FT3	1228	710	593	680	444
GDMR80-PA312FT3	1333	710	698	680	444

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