

Intergy DCM1000/1600/2400 Series

Features

- Up to 24-Way MCB Distributions
- Selection of MCB Ratings
1A – 125A
- Compact 4U Modules
- Tool Access Front Cover
- Front Access for Cable Termination
- MCB Alarms with Load Detection
- Optional Battery MCBS
- Optional Low Voltage Disconnect
- Compliance with International Standards



The Intergy DCM range of Miniature Circuit Breaker (MCBs) DC distributions provides circuit protection for a wide selection of telecommunications loads up to 1200A. All MCBS are alarmed with automatic detection of load current to prevent false alarms from unused MCBS.

The DCM range is designed to comply with recognised international standards and for complete operator safety. Full front access is provided to allow easy termination of load and battery cables. Optional features include Low Voltage Disconnect (LVD) modules, to provide deep-discharge protection for valve regulated lead acid (VRLA) batteries, and separate battery circuit breakers.

Model	Load MCBS	Battery MCBS (optional)	LVDs (optional)
DCM1010	up to 10 x C120 type (10A-125A)	up to 4 x C120 type (63A-125A)	1 x 400A
DCM1600	up to 16 x C120 type (10A-125A)	-	1 x 400A or 2 x 400A
DCM1610	up to 16 x C60 type (1A-63A)	up to 4 x C120 type (63A-125A)	1 x 400A
DCM2400	up to 24 x C60 type (1A-63A)	-	1 x 400A or 2 x 400A

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► Brief Technical Specifications

Voltage Range	8.7 – 70V
Maximum Current	DCM1010/DCM1610: 400A @ 50°C [122°F] DCM1600/DCM2400: 1200A @ 50°C [122°F]
MCB Current Ratings	
C60 type:	1A, 2A, 3A, 4A, 6A, 10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A
C120 type:	10A, 16A, 20A, 25A, 32A, 40A, 50A, 63A, 80A, 100A, 125A
Alarms	
Load MCB Fail Alarm:	Electronic type with load detection
Battery MCB Fail Alarm:	Auxillary contacts
Operating Temperature Range	-10°C — +50°C [+14°F — +122°F]
Dimensions H, W, D	4U: 177mm [7.0"], 480mm [19" mounting], [18.9"], 165mm [6.5"]
Certifications	CE (Europe) Equivalent products with UL and NEBS Level 3 approvals are also available. Contact your local Intergy representative for details.

In the interests of continual product improvement all specifications are subject to change without notice.