



DCB Series



## DCB05 Front Access Distribution Center with "Bolt-in" Breakers

**The Argus DCB05 provides reliable power distribution for up to 16 loads and a battery string, within one compact, integrated cabinet or panel.**

**Feature rich** Designed with flexibility and convenience in mind, the DCB05 offers a wide variety of features, including two hole termination studs, load disconnect, rack or wall mounting, and comes in 24 or 48 volt configurations. At only four rack units high, the DCB05 fits easily into a 19" or 23" rack power system.

**Small package – big capacity** The DCB05 is one of the most compact, versatile high capacity distribution centers in the industry. It accommodates "bolt-in" circuit breaker ranges from 1 to 100A and has a GMT fuse card option for additional load distribution. The unit handles a maximum total load current capacity of 100A.

**More standard alarms and control** A wide range of power system alarms are standard with the DCB05, including high voltage, low voltage, load out, and fuse/breaker. In addition, the DCB05 includes an optional 100A battery breaker – a feature built in direct response to customer requests.

**Easy access to wiring** Safe, simple access to termination points is paramount in the design of the DCB05. Breakers, fuses and wiring connections are all easily accessible by removing the unit's front panel.

Available in 24 or 48 VDC output

Provides up to 100A capacity

Easy Installation

All-in-one compact design

Wide range of alarms and controls

**LED metering** A LED digital display allows users to switch easily between ammeter or voltmeter readings of the power system. In addition, a series of bright LED lamps alert users to various alarm conditions.

**Onboard power supply** The DCB05's onboard power supply enables users to calibrate system functions and alarm settings without an additional power source.

**High quality products backed by a solid warranty** In addition to being ISO 9000 registered, Argus' manufacturing center employs a rigorous quality control program to ensure all products meet the highest quality standards. Each product is designed with premium grade electronic components and is backed by a comprehensive factory parts and service warranty.



## DCB05 Front Access Distribution Center

### Specifications

<b>Electrical</b>	
Breakers:	8 position, magnetic type, 1 to 100A
Circuit breaker output termination:	8 x 1/4-20 studs on 5/8" center
Rectifier termination:	3/8-16 studs on 1" center
Battery termination:	1/4-20 studs on 5/8" center
Ground bar:	e/w 9 x 1/4-20 studs on 5/8" centers and 1 x 3/8-16 stud on 1" center
Alarm connections:	0.34mm <sup>2</sup> to 2.5mm <sup>2</sup> (#14 to #22 AWG)
Fuse connections:	0.34mm <sup>2</sup> to 2.5mm <sup>2</sup> (#14 to #22 AWG)
Cable access:	Top

<b>Mechanical</b>	
Enclosure:	1.095mm (14 gauge) steel
Mounting:	19" or 23" relay rack center, flush or wall mount
Dimensions: mm (inches)	178 H x 432 W x 152 D (7" H x 17" W x 6" D)
Weight:	12 kg (26 lb.)

<b>Features</b>	
Display:	Digital voltmeter/ ammeter
Alarms/ indicators:	Test mode (red) Amps (red) Volts (green)

4 segment LED display (red)
Fuse/breaker alarm (red)†
High voltage alarm (red)†
Low voltage alarm (red)†
Load out alarm (red)†
Battery breaker/manual in alarm (red)†
<b>Controls/ Adjustments:</b>
High voltage alarm potentiometer
Low voltage alarm potentiometer
Load out potentiometer
Load in potentiometer
Internal power supply for calibrating alarm set points
<b>Selectors:</b>
Test/normal switch
Load disconnect control switch
Amps/volts switch
Voltage test points

† Form A contacts

81	Jumper (no shunt) [must specify if L83 is not ordered]
82	Jumper (no LVD) [must specify if L71/ 72 is not ordered]
83	100A shunt
88	8 position GMT fuse card (no fuses)
90	0 to 100A breaker adapters kit
91	0 to 50A breaker adapters kit
95	No GMT fuse card (blank)
99*	Combination digital voltmeter/ ammeter (standard)
100	5A circuit breaker
101	10A circuit breaker
102	20A circuit breaker
103	30A circuit breaker
104	40A circuit breaker
105	50A circuit breaker
106	60A circuit breaker
107	70A circuit breaker
108	80A circuit breaker
109	90A circuit breaker
110	100A circuit breaker
111	15A circuit breaker
112	25A circuit breaker

### Ordering Information

To order, please specify the part number and list options required.

Part#	Description
020-569-20	DCB05 (100A)
List Option	Description
0*	Basic unit
2**	48VDC, positive ground
4**	24VDC, negative ground
19/23*	19" or 23" rack mount, 1-3/4" spacing
50*	Gray finish
71	24VDC, 100A load disconnect
72	48VDC, 100A load disconnect
76***	SD06 supervisory (24VDC)
77***	SD07 supervisory (48VDC)
80	100A battery breaker

\* Default option

\*\* Must specify either 24 VDC negative ground or 48 VDC positive ground.

\*\*\* Must specify either SD06 or SD07.

Due to continuing product improvements, Argus reserves the right to change specifications without notice.

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ISO 9000 registered

