



齿轮与熔断器齿轮

美式通用型熔断器 配电座 FSPDB

FSPDB IP20 指触安全型配电座

Ferraz Shawmut公司正在投放一种全新概念的安全且安装便利的新型配电座。
IP20标准防护确保了安全性，并且节省了塑料保护。
FSPDBs能够直接套接在35mm的DIN导轨或者安装在电板的背面，其模块设计使得多极性装配更为简便。
这些配电座提供了简便的配电方法，通过各种次级电路将电力分配于机壳内。

参考编号	标识	电线入口数	电线出口数	材质	包装
X232803C	FSPDB4A 335A 1/1 16 — 185mm ²	1x 185mm ² — 16mm ²	1x 185mm ² — 16mm ²	铝	3
R232798C	FSPDB4C 335A 1/1 16 — 185mm ²	1x 185mm ² — 16mm ²	1x 185mm ² — 16mm ²	铜	3
D233545C	FSPDB1A 175A 1/1 2,5 — 70mm ²	1x 70mm ² — 2,5mm ²	1x 70mm ² — 2,5mm ²	铝	3
N232795C	FSPDB1C 175A 1/1 2,5 — 70mm ²	1x 70mm ² — 2,5mm ²	1x 70mm ² — 2,5mm ²	铜	3
Y232804C	FSPDB5A 840A 2/2 25 — 300mm ²	2x 300mm ² — 25mm ²	2x 300mm ² — 25mm ²	铝	3
S232799C	FSPDB5C 840A 2/2 25 — 300mm ²	2x 300mm ² — 25mm ²	2x 300mm ² — 25mm ²	铜	3
V232801C	FSPDB2A 175A 1/4 2,5 — 70mm ²	1x 70mm ² — 2,5mm ²	4x 35mm ² — 2,5mm ²	铝	3
P232796C	FSPDB2C 175A 1/4 2,5 — 70mm ²	1x 70mm ² — 2,5mm ²	4x 35mm ² — 2,5mm ²	铜	3
VV232802C	FSPDB3A 310A 2/8 2,5 — 35mm ²	1x 185mm ² — 16mm ² — 1x 70mm ² — 2,5mm ²	8x 35mm ² — 2,5mm ²	铝	3
Q232797C	FSPDB3C 310A 2/8 2,5 — 35mm ²	1x 185mm ² — 16mm ² — 1x 70mm ² — 2,5mm ²	8x 35mm ² — 2,5mm ²	铜	3

附件

参考编号	编目号码	附件	包装
K233551E	FSCIM1 KITCARD 100 LAB.FSPDB1&2	标记附件，用于尺寸1&2的配电座	5
L233552E	FSCIM2 KITCARD 100 LAB.FSPDB3&5	标记附件，用于尺寸3&5的配电座	5
Z232805J	FSPIN1 PIN MULTIPOLE FSPDB	多极装配附件	10 (1)
M233553J	FSCAP2 CAP PLUG 35mm ² FSPDB	密封附件，用于尺寸> 70mm ²	10 (1)
A232806J	FSCAP1 CAP PLUG 35mm ² FSPDB	密封附件，用于尺寸> 70mm ²	10 (1)
N233554A	FSEA END ANCHOR FOR FSPDB	顶盖	1

(1) 10件包装



勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

**Ferraz
Shawmut**

Finger-Safe Power Distribution Blocks

The next step in
the safety evolution.



CL
CARBONE LORRAINE

Circuit Identifications – Optional marker system allows users to easily ID their circuits.

“Finger-safe” design – Fully covered block ensures that no one can touch it. Recessed termination screws and wire openings provide IP-20 grade protection and qualify as “finger-safe” under IEC standards. Fingers simply can’t touch live parts.

Compact Modularity – Single, two, three or multiple pole configurations in the most compact footprint.

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Global Acceptance – The FSPDB line is UL, CSA and IEC compliant. CE Marking ensures acceptance throughout the European community.

DIN rail mounting – Integral design allows for quick and easy installations on 35mm DIN rail.

Mounting Feet – Means for direct panel mounting provides additional flexibility.

Easy panel layout adjustments – Need to make room for another component? Simply release from the DIN rail, reposition and snap on.

Captive Set Screws – Unique channel design ensures the captivity of the wire termination set screws. Screws can never be lost.

SOLUTIONS FOR SAFER PANELS

Building on our revolutionary ULTRASAFE™ fuse holders, we’ve expanded the safety concept to a new line of power distribution blocks — Ferraz Shawmut’s Finger-Safe Power Distribution Blocks (FSPDB). Now the features today’s panel builders demand are available in a “finger-safe” power distribution block offering global acceptance, a compact footprint, and the snap-on simplicity of DIN rail mounting.

With OSHA’s increased scrutiny on safety and the requirements of NFPA 70E, it’s critical to provide safer panels. And the best way to do so is to use all “finger-safe” components. This eliminates the need for more costly methods such as mounting plexiglass sheets to cover the entire panel.

Whether it’s for new designs or retrofits, when panel builders and OEMs think safety, they think Ferraz Shawmut. And no wonder. With “finger-safe” components ranging from our Socomec line for

the incoming main disconnect switch, our popular ULTRASAFE fuse holders, and our new FSPDB line of power distribution blocks, Ferraz Shawmut has a solution for all your panel’s safety needs.

Your global resource.

With products to meet every major global standard and a worldwide sales and service network, Ferraz Shawmut offers a range of solutions unmatched in the industry. Plus technical support from applications specialists and experts on international standards. So whatever and wherever your circuit protection needs may be, there is one company that can meet them all.

Figure 1

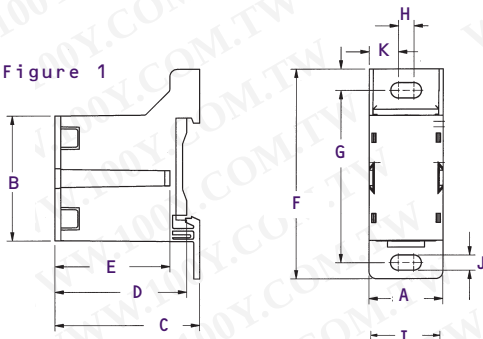
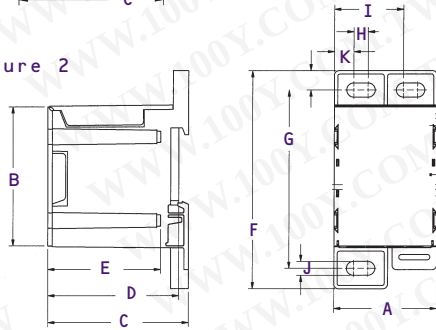


Figure 2



Outline Dimensions

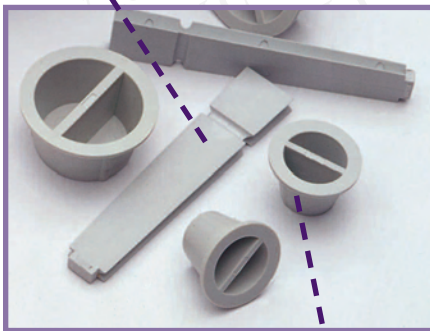
	FSPDB1A FSPDB1C Figure 1		FSPDB2A FSPDB2C Figure 1		FSPDB3A FSPDB3C Figure 2		FSPDB4A FSPDB4C Figure 1		FSPDB5A FSPDB5C Figure 2	
Dimension	mm	in	mm	in	mm	in	mm	in	mm	in
A	25.4	1.00	28.4	1.12	46.9	1.85	39	1.54	72	2.84
B	43.3	1.70	57.8	2.28	64.3	2.53	108	4.25	91	3.58
C	49.5	1.95	56.0	2.21	64.3	2.53	80	3.15	80	3.15
D	45.1	1.78	51.6	2.03	59.8	2.36	75.5	2.97	-	-
E	39.4	1.55	39.4	1.55	51.5	2.03	50.1	1.97	50.1	1.97
F	72.6	2.86	87.7	3.45	100.8	3.97	145.5	5.73	145	5.71
G	59.6	2.35	74.6	2.94	82.4	3.24	120.6	4.75	127.5	5.02
H	5.3	0.21	5.1	0.20	6.5	0.26	7	0.28	3	0.12
I	-	-	-	-	31.5	1.24	-	-	52	2.04
J	5.3	0.21	6.4	0.25	6.5	0.26	6.5	0.26	6.5	0.26
K	10	0.40	11.7	0.46	8.9	0.35	16	0.63	8.5	0.34

Catalog Nomenclature and Ratings

Catalog Number		Ampere Rating (Based on NEC Table 310-16 for 75°C Cu wire)	Line		Openings per Pole	Load		
			Wire Range			Wire Range	Openings per Pole	
Aluminum (90°C Cu/AL wire)	Copper (75°C Cu wire only)		AWG/ kcmil	mm ²		AWG/ kcmil		mm ²
FSPDB1A	FSPDB1C	175	2/0-#14	70-2.5	1	2/0-#14	70-2.5	1
FSPDB2A	FSPDB2C	175	2/0-#14	70-2.5	1	#2-#14	35-2.5	4
FSPDB3A	FSPDB3C	310	350-#6 2/0-#14	185-16 70-2.5	1	#2-#14	35-2.5	8
FSPDB4A	FSPDB4C	335	400-#6	185-16	1	400-#6	185-16	1
FSPDB5A	FSPDB5C	840	600-#4	300-25	2	600-#4	300-25	2

Agency Approvals –
 UL Recognized
 Component-
 File E73571,
 Guide XCFR2
 CSA Certified-
 Class 6228,
 File 69363
 IEC-947-7-1, 529,
 68-2-6, CE Marked

Multiple-Pole Assembly – If desired for panel mounting, simply snap in accessory pin for rigid fit.



Cap Plugs – Convenient accessory provides the ability to maintain touch safety on unused openings.

Accessories

Catalog No	Description
FSPIN1	Accessory pin to form multiple pole block
FSCIM1	Circuit identification marker for 2/0 & #2 max. conductors
FSCIM2	Circuit identification marker for 350, 400 & 600 kcmil max. conductors
FSCAP1	Cap plug for spare 2/0 openings
FSCAP2	Cap plug for spare 350 kcmil openings
FSEA	Pair of end anchors

To learn more...

For more information about our new Finger-Safe Power Distribution Block — the next generation in panel safety — visit ferrazshawmut.com, contact your Ferraz Shawmut representative, or call us today at 978-462-6662.