

DB70



70 sq.mm Compact Distribution Blocks.

db70 distribution block are used for single phase distribution systems. These blocks can either be mounted on a Din Rail or can be Panel mounted.

TECHNICAL DATA

Rated Voltage	1000 V
Rated Current	160 A
Rated Current - Input Side	160 A
Rated Current - Output Side	160 A
Tightening Torque - Input Side	10 Nm
Tightening Torque - Output Side	2 Nm
Housing Material	Polyamide
Comparative Tracking Index	1
Standard Colour	Grey
Type of Connection	Screw Clamp
Product Function	Compact Distribution Block
Wire Entry Orientation	Side Entry
Mounting Possibility	DIN 35/DIN 35-15 Rail
Operated by	Screw Driver
Rated Surge Voltage	6 V
Pollution Degree	3

CONNECTION DATA

Conductor Cross Section Stranded min.	1.5 mm ²
Conductor Cross Section Stranded max.	70 mm ²
Conductor Cross Section Stranded min.- Input Side	10 mm ²
Conductor Cross Section Stranded max. - Input Side	70 mm ²
Conductor Cross Section Stranded min.- Output Side	1.5 mm ²
Conductor Cross Section Stranded max.- Output Side	16 mm ²
Conductor Cross Section AWG/Kcmil min	14 AWG
Conductor Cross Section AWG/Kcmil max	4 AWG
Conductor Cross Section Solid min	1.5 mm ²
Stripping Length- Input Side	17 mm
Stripping Length-Output Side	12 mm

DIMENSIONS

Height with DIN 35 x 15 mm rail	66.5 mm
Height with DIN 35 x 7.5 mm rail	55.2 mm
Length	74.45 mm
Width (Thickness)	41.6 mm

APPROVALS



ORDERING INFORMATION

CAT. NO.	DESCRIPTION	STD. PACK
DB70	70 sqmm Compact Distribution Terminal Block in Grey colour.	10

ACCESSORIES

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA701-1M	Din 35 Rail unslotted 1 meter	50
	CA701-2M	Din 35 Rail unslotted 2 meter	50
	CA701-2M-S	Din 35 Rail slotted 2 meter	50
	CA701-1M-S	Din 35 Rail slotted 1 meter	50
	CA701-15-1M	Din 35 Rail 15 deep unslotted 1 meter	50
	CA701-15-1M-S	Din 35 Rail 15 deep slotted 1 meter	50
	CA701-15-2M	Din 35 Rail 15 deep unslotted 2 meter	50
	CA701-15-2M-S	Din 35 Rail 15 deep slotted 2 meter	50

ACCESSORIES....

IMAGES	CAT. NO.	DESCRIPTION	STD. PACK
	CA702	End Clamp in Polyamide 66 suitable for Din 32 / Din 35 / Din 35-15 Rails	50
	CA802	End Clamp in Polyamide suitable for Din 35 / Din 35-15 Rails	50
	SCPH2	Phillips Screwdriver for Phillips Recess screws	10

RATINGS AS PER STANDARDS

STANDARDS	UL 1059	IEC/EN60947-7-1
Approvals	UL	CE
Conductor Cross Section Stranded min.- Input Side	8 AWG	10 mm ²
Conductor Cross Section Stranded max. - Input Side	1/0 AWG	70 mm ²
Conductor Cross Section Stranded min.- Output Side	16 AWG	1.5 mm ²
Conductor Cross Section Stranded max.- Output Side	6 AWG	16 mm ²
Rated Voltage	600 V	1000 V
Rated Current	160 A	160 A
Tightening Torque - Input Side	90 lb-in	10 Nm
Tightening Torque - Output Side	27 lb-in	2 Nm