

High Quality

powerbox®

Thermo Plastic Lighting Panelboards

*“The Perfect Solution for Your
DIN Rail Board Needs”*



Simply Better

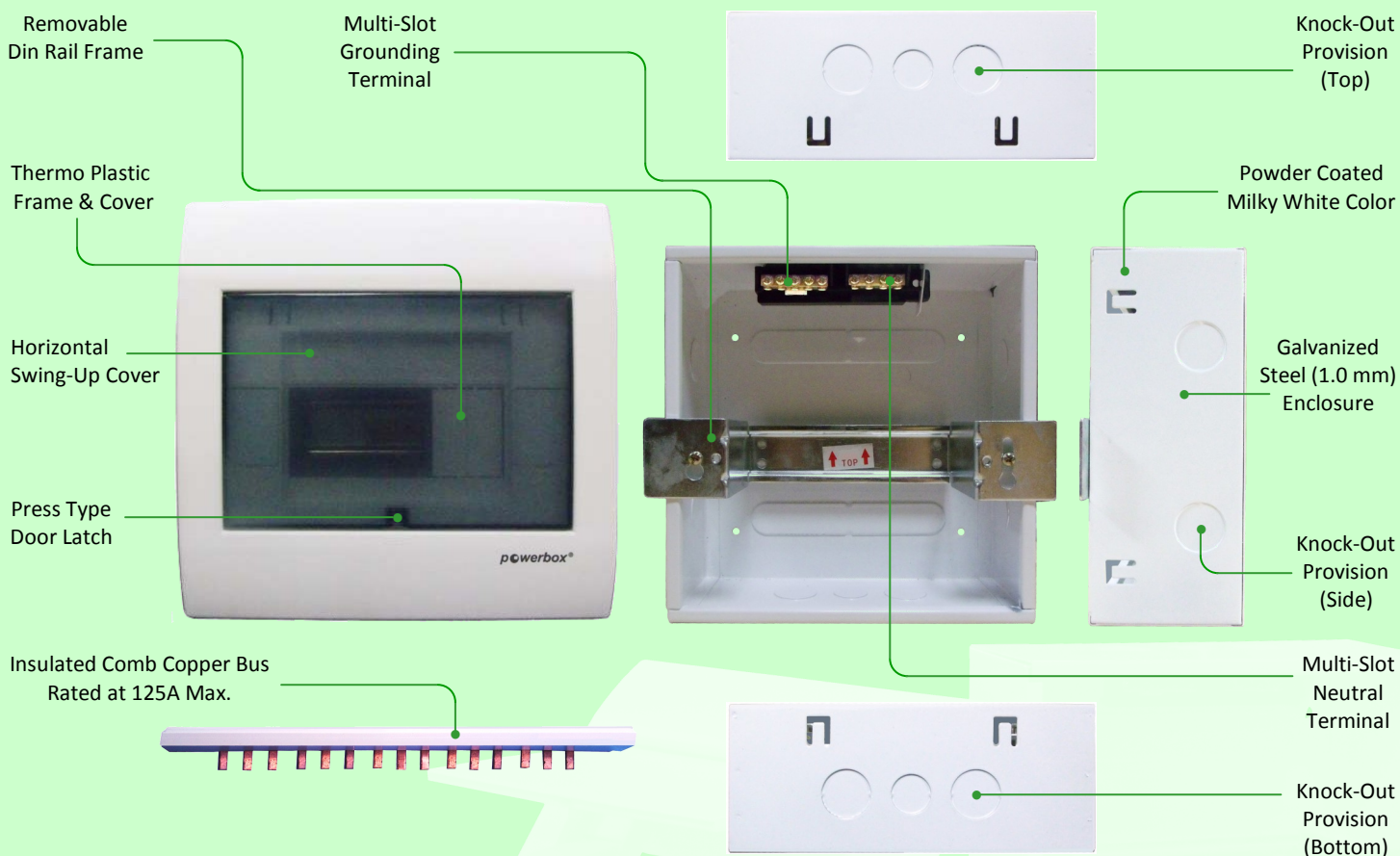
“Think Safety, Think powerbox”



QUALITY MANAGEMENT SYSTEM FULLY CERTIFIED AS PER ISO 9001:2008

ISO 9001:2008
CERTIFIED COMPANY

Thermo Plastic Lighting Panelboards



Available in 2-Cover Versions

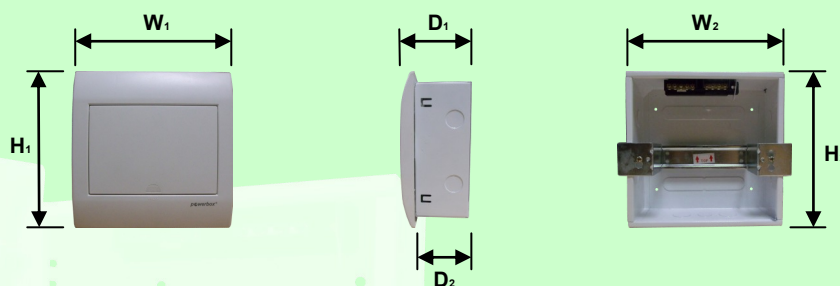


Technical Specifications

Degree of Protection	: IP40
Rated Current	: Up to 125 Amps
Rated Operational Voltage	: 230/400 VAC
System Compatibility	: 1 Phase + N + G 3 Phase + N + G
Mounting Type	: Flush Mounted
Frame & Cover	: Thermo Plastic Materials, Self Extinguishing and Heat Resistant
Enclosure	: Galvanized Steel Material 1.0mm Thick
Color	: Milky White

Dimensions (mm)

Number of 1 Pole Way	H ₁	H ₂	W ₁	W ₂	D ₁	D ₂
4 Ways	170	150	155	142	95	77
6 Ways	214	190	216	190	95	77
9 Ways	214	190	270	242	95	77
13 Ways	214	190	342	314	95	77
18 Ways	214	190	432	405	95	77
20 Ways	214	190	468	440	95	77
26 Ways	420	395	322	295	95	77
32 Ways	420	395	377	350	95	77
40 Ways	420	395	447	420	95	77
48 Ways	630	604	377	350	95	77
60 Ways	630	604	447	420	95	77



Ordering Code

PB4W -E-NG-40-FM

Cover Versions

- Opaque Door - E
- Transparent Door - M

Number of Ways

- 4 W
- 6 W
- 9 W
- 13 W
- 18 W
- 20 W
- 26 W
- 32 W
- 40 W
- 48 W
- 60 W

Neutral & Ground

- NG - w/ Neutral & Ground
- N - w/ Neutral Only
- G - w/ Ground Only

Degree of Protection : IP40

Mounting Type : Flush Mounted

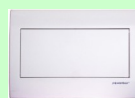
Variants Available (1 Pole Way)



4 Ways



6 Ways



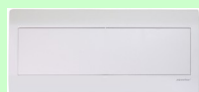
9 Ways



13 Ways



18 Ways



20 Ways



26 Ways
(Double Row)



32 Ways
(Double Row)



40 Ways
(Double Row)



48 Ways
(Triple Row)



60 Ways
(Triple Row)

iC60N (C-curve)

Miniature Circuit Breaker
2A to 63A, "N" Version



iC60H (C-curve)

Miniature Circuit Breaker
2A to 63A, "H" Version



iC120 N (C-curve)

Miniature Circuit Breaker
80A to 125A, "N" version



Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) according to IEC/EN 60947-2

	Voltage (Ue)			
Ph/Ph (2P, 3P, 4P)	12 to 133 V	220 to 240 V	380 to 415 V	440 V
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	-
Rating (In)	0.5 to 4 A	50 kA	50 kA	25 kA
	6 to 63 A	36 kA	20 kA	10 kA
			10 kA	6 kA

Breaking capacity (Icn) according to IEC/EN 60898-1

	Voltage (Ue)
Ph/Ph	400 V
Ph/N	230 V
Rating (In)	0.5 to 63 A

	1 Pole	2 Pole	3 Pole
Rating (A)	Catalog	Catalog	Catalog
2	A9F74102	A9F74202	A9F74302
3	A9F74103	A9F74203	A9F74303
4	A9F74104	A9F74204	A9F74304
6	A9F74106	A9F74206	A9F74306
10	A9F74110	A9F74210	A9F74310
16	A9F74116	A9F74216	A9F74316
20	A9F74120	A9F74220	A9F74320
25	A9F74125	A9F74225	A9F74325
32	A9F74132	A9F74232	A9F74332
40	A9F74140	A9F74240	A9F74340
50	A9F74150	A9F74250	A9F74350
63	A9F74163	A9F74263	A9F74363

Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) according to IEC/EN 60947-2

	Voltage (Ue)			
Ph/Ph (2P, 3P, 4P)	12 to 133 V	220 to 240 V	380 to 415 V	440 V
Ph/N (1P, 1P+N)	12 to 60 V	100 to 133 V	220 to 240 V	-
Rating (In)	0.5 to 4 A	70 kA	70 kA	50 kA
	6 to 40 A	42 kA	30 kA	15 kA
	50/63 A	42 kA	-	15 kA
			15 kA	10 kA

Breaking capacity (Icn) according to IEC/EN 60898-1

	Voltage (Ue)
Ph/Ph	400 V
Ph/N	230 V
Rating (In)	0.5 to 63 A

	1 Pole	2 Pole	3 Pole
Rating (A)	Catalog	Catalog	Catalog
2	A9F84102	A9F84202	A9F84302
3	A9F84103	A9F84203	A9F84303
4	A9F84104	A9F84204	A9F84304
6	A9F84106	A9F84206	A9F84306
10	A9F84110	A9F84210	A9F84310
16	A9F84116	A9F84216	A9F84316
20	A9F84120	A9F84220	A9F84320
25	A9F84125	A9F84225	A9F84325
32	A9F84132	A9F84232	A9F84332
40	A9F84140	A9F84240	A9F84340
50	A9F84150	A9F84250	A9F84350
63	A9F84163	A9F84263	A9F84363

Alternating current (AC) 50/60 Hz

Breaking capacity (Icu) to IEC/EN 60947-2

Type	Voltage (V)			
1P	130 V	220 to 240 V	380 to 415 V	440 V
Rating (In)	63 to 125 A	20 kA	10 kA	3 kA ⁽¹⁾
2P/3P/4P	130 V	220 to 240 V	380 to 415 V	440 V
	63 to 125 A	-	20 kA	10 kA
			10 kA	6 kA

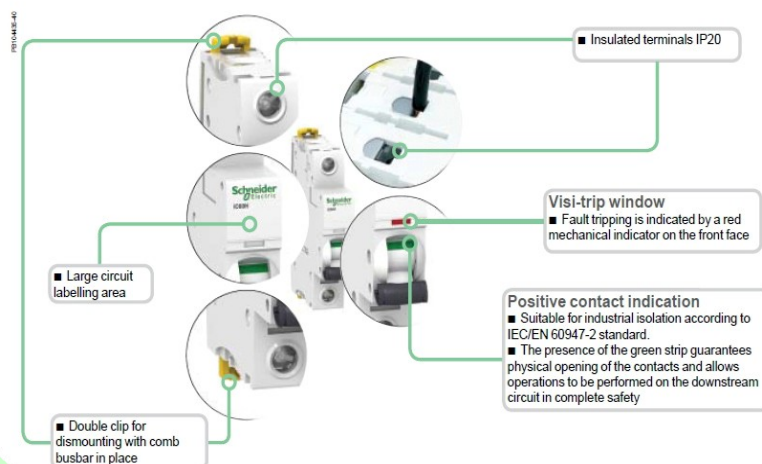
Breaking capacity (Icn) to IEC/EN 60898-1

Type	Voltage (V)
1P, 2P, 3P, 4P	230 to 400 V
Rating (In)	63 to 125 A

⁽¹⁾ One-pole breaking capacity in IT isolated neutral system (double fault).

	1 Pole	2 Pole	3 Pole
Rating (A)	Catalog	Catalog	Catalog
80	A9N18357	A9N18361	A9N18365
100	A9N18358	A9N18362	A9N18367
125	A9N18359	A9N18363	A9N18369

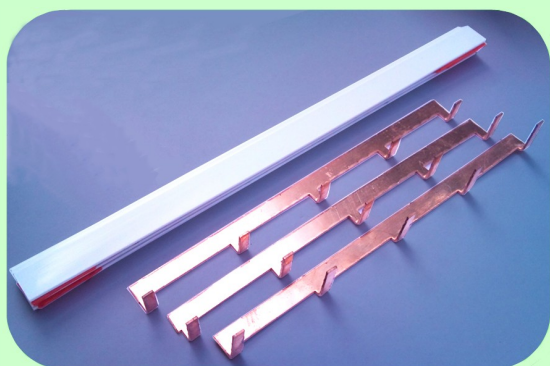
iC60H circuit breakers (curve B, C, D) (cont.)



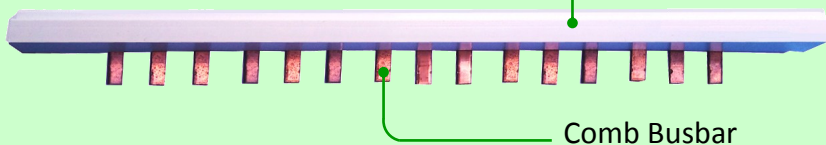
Suitable to accept any brand of DIN rail MCB's

Comb Busbar Technical Specification

Rated Operational Voltage : 400 VAC
 Max. Busbar Current : 125 Amps
 Max. Current Per Feeder : 63 Amps
 System Compatibility : 1 Phase + N + G
 3 Phase + N + G



Comb Busbar High-Grade
Extruded Insulator



QMS Fully Certified As Per ISO 9001:2008



Authorized Distributor :



Call us on our: _____

- Customer Care Service Hotline
Tel: (02) 806-9716
(046) 686-5446
- Technical Service Hotline
Mobile: 0922-874-5355
0922-811-8120
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www.powerboxsolutions.com

The information contained herein is subject to change without prior notice due to continuing research and development.