

Power Distribution Blocks

SOCOME C Power distribution blocks allow for easy connection of conductors to distribute power from one load into multiple smaller loads. They are installed downstream of a disconnect switch, transfer switch or circuit breaker.

We offer 2 range types. Service entrance rated versions are UL Listed to 1953 and non-service entrance rated versions are UL Recognized to 1059.

APPLICATIONS

- Industrial Control Panels Manufacturers (UL 508A)
- Switchboard Manufacturers (UL 891)
- OEMs/Machine Builders
- PV Combiner/Re-Combiner Box Manufacturers
- Distributors

MAIN ADVANTAGES

Finger-safe design

- IP20 design provides touch safe protection from live parts.

Easy integration

- The compact design of the different distribution blocks allows an easier integration into the equipment and allows for either DIN rail mounting or direct panel mounting.

Flexibility of wiring

- Allows use of standard solid or stranded wires.
- Allows use of fine wire strands when used with compression sleeves.

Wide range

- The extent of the range makes it possible to find the distribution system adapted to its needs:
 - 5 single pole power distribution blocks UL
 - 4 single pole power distribution blocks UR
 - 1 multi-polar power distribution blocks UR

Global Acceptance

- The range of distribution blocks comply to the UL standards & the IEC standards.

Distribution Block Facts



Compact solution



Safe and reliable



Robust Design



UL and IEC listed



Variety of applications

GENERAL CHARACTERISTICS

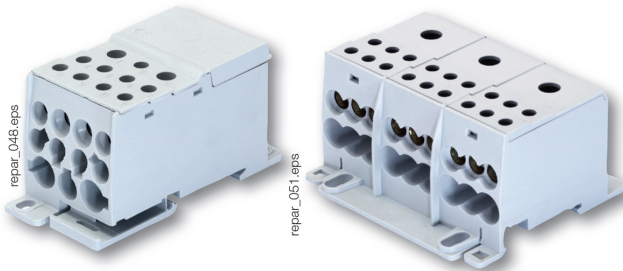
POWER DISTRIBUTION BLOCKS UL 1953

- Material: tin plated aluminum
- Suitable conductors: aluminum or copper.
- IP20 finger-safe.
- Adjustable Dial allows for Selection of L1–L2–L3 phase designation.
- Simple and secure DIN rail locking clip allows easy mounting on DIN Rail.
- Panel mounting.
- Included connection clip allows to join multiple poles together.
- Voltage Ratings: 1000 VAC/DC UL



Type	Rating (A)		References
	Cable Cu	Cable Al	
Type 1	85	65	54UL 1008
Type 2	115	90	54UL 1012
Type 3	175	135	54UL 1017
Type 4	255	205	54UL 1025
Type 5	380	310	54UL 1040

POWER DISTRIBUTION BLOCKS



- Material: tin plated aluminum.
- Suitable conductors: aluminum or copper.
- IP20 finger-safe.
- DIN Rail mounting.
- Panel mounting.
- Voltage Ratings: 600 VAC/DC

Type	Nb poles	Rating (A)		References
		Cable Cu	Cable Al	
Type 1	1 P	115	90	5411 1012
Type 2	1 P	115	90	5411 1013
Type 3	1 P	175	135	5411 1017
Type 4	1 P	255	-	5411 1025
Type 5	3 P	175	135	5411 3017
Accessorie				References
Type 4 connection for devices				5410 0025

ABOUT SOCOMEC



Socomec is a family owned company, this independence ensures control over its own decision making.



For 98 years we have been at the forefront of electrical component manufacturing.



We specialize in energy performance of low-voltage electrical installations.



We have a longstanding presence in over 80 countries worldwide



Ten percent of our yearly revenue goes to research and development, allowing us to provide continuous innovation!



Areas of expertise...

1. Power Switching
2. Power Metering
3. Power Conversion
4. Energy Storage

North American Headquarters

9 Galen Street, Suite 120
Watertown, MA 02472
USA

tel: (617) 245 0447
fax: (617) 245 0437
www.socomec.us