

## Product Data Sheet

### 135X605

Replace "X" with 1,2, or 3 for number of poles  
Add suffix -CH for snap-on hinged cover (135X605-CH)

## Distribution Power Block

950 Amps, 600 Volts AC/DC (UL)



One pole shown

#### Wire Range:

Line Side: (2) 600kcmil – 2 AWG Copper or Aluminum, Code Wire  
Load Side: (4) 350 kcmil – 6 AWG Copper or Aluminum, Code Wire

#### Electrical Ratings:

- 950A maximum
- 600 Volts AC/DC (UL 1059 User Groups; Class A– Service Equipment and Class C – General Industrial)
- 1000 Volts AC/DC (IEC 60947-7-1 Compliant)
- Factory and Field Wiring
- 90°C Wire Ampacity
- Provides Feeder Circuit Terminal Spacing up to 600 Volts per UL 508A, Section 10.

NOTE: Use outside these ratings must be judged in end-use application

#### Agency Certifications:

- cURus
- UL Recognized, Investigated to US and Canadian standards (UL1059 and CSA 22.2), Files XCFR2.E62806 and XCFR8.E62806
- CE compliant to IEC 60947-7-1
- RoHS Compliant

#### Thermal Ratings:

- Insulator base temperature rating: -40°C/F to 125°C (257°F) UL RTI
- Flammability rating of insulator base: UL 94 V-0

#### Materials:

- Connector: High conductivity aluminum, tin plated
- Insulator base: Glass filled polycarbonate (thermoplastic)
- Terminal screws: Aluminum, tin plated
- Connector mounting screw: Steel, zinc plated
- Hinged cover: Glass filled polycarbonate (thermoplastic)

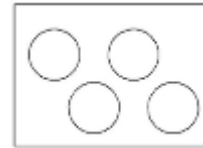
## Wire Ranges, Wire Types, Torque Ratings: 135X605

UL Class B, C (known as Rigid Stranded, Building Wire, Code Wire)



### Line Side 2) 600 kcmil - 2 AWG

Copper Conductor			
Wire Size	Torque		Stranding Class
kcmil - AWG	N.m	in. lbs	
600 - 2	56.5	500	B, C
Aluminum Conductor			
Wire Size	Torque		Type
kcmil - AWG	N.m	in. lbs	
600 - 2	56.5	500	Stranded



### Load Side 4) 350 kcmil - 6 AWG

Copper Conductor				
Wire Size	Torque		Stranding Class	No. Per Opening
kcmil - AWG	N.m	in. lbs		
350 - 6	31.0	275	B, C	1
Aluminum Conductor				
Wire Size	Torque		Type	
kcmil - AWG	N.m	in. lbs		
350 - 6	31.0	275	Stranded	1

Line Side 600 kcmil wire opening- diameter 0.94" (23.9 mm)

Load Side 350 kcmil wire opening -diameter 0.72" (18.3 mm)

### Short Circuit Current Ratings:

SCCR Rating applies for Copper Stranded wire only

UL Class B, C (known as Rigid Stranded, Building Wire, Code Wire)

UL Class G, H, I (Flexible Stranded, includes DLO)

Suitable Conductors (kcmil/AWG) Copper, Stranded				Overcurrent Protection Fuse Required Class/Max Amp Rating						SCCR, RMS SYM Amps	Volts Max
Line		Load									
Size	Class	Size	Class	J	T	RK1	RK5	G	CC		
600 kcmil - 2 AWG	B, C	350 kcmil - #4 AWG	B,C	600	600	600	200	60	30	100,000	600

- Short Circuit Current Rating investigated in 20 x 24 x 8 enclosure. Use in smaller enclosure is subject to end-use evaluation.

For DC power or any wire combinations or Overcurrent Protection not shown- SCCR is 10,000A

### Installation:

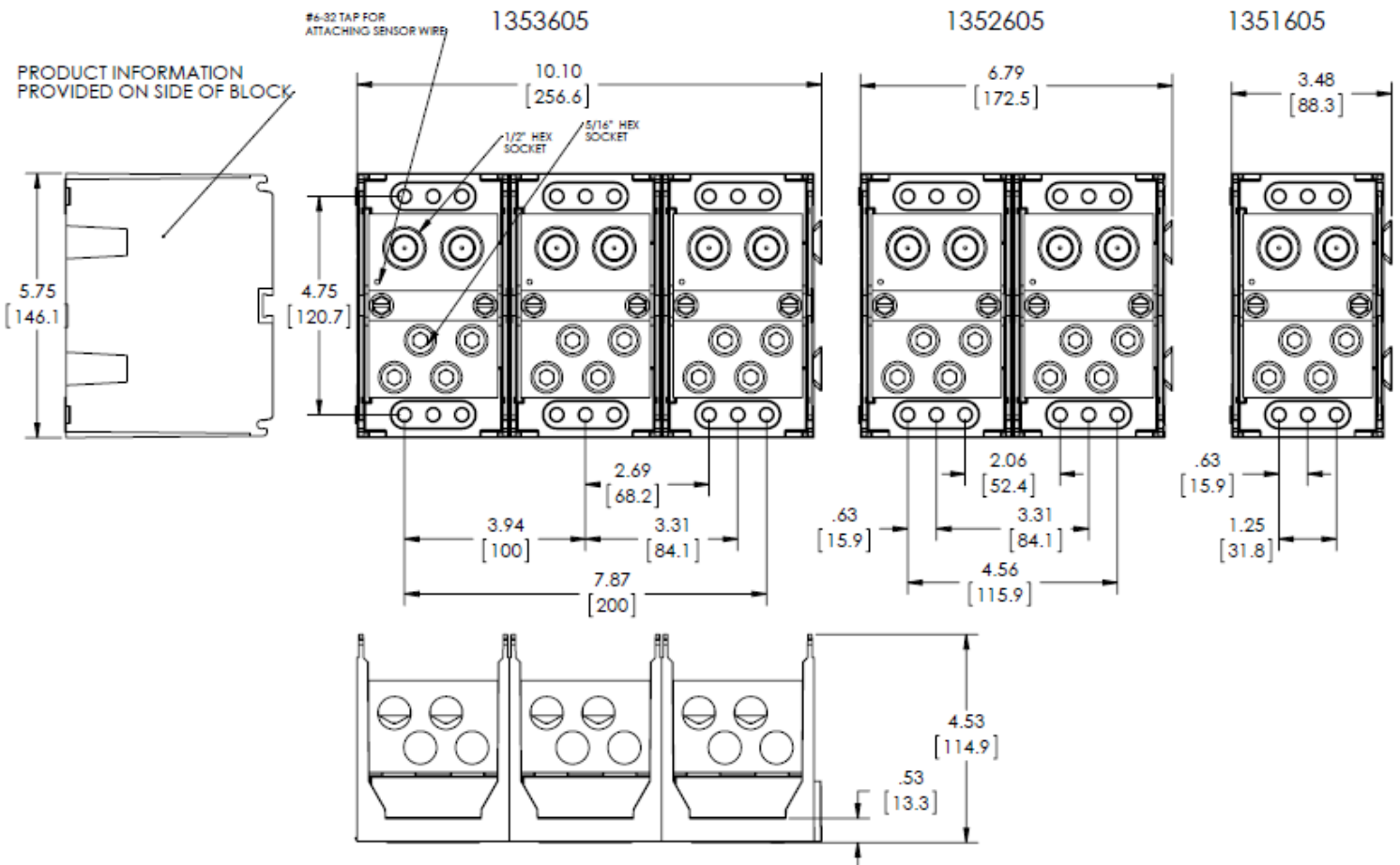
- Wire strip length, line side tap, 1 1/2"
- Wire strip length, load side tap, top row – 7/8"; bottom row – 1 3/4"
- Hex keys required- Line Side 1/2" Load Side 5/16"

### Mounting:

- Panel mountable: recommended fastener (4) per pole, 1/4 " or 6mm  
Torque to 30 in. lbs. (3.4 N.m)

### Accessories:

- Covers: Snap-on, hinged. CH 135X (Replace "X" with 1, 2 or 3 for number of poles) UL recognized, glass filled polycarbonate (thermoplastic) 125 °C (UL RTI), UL 94 V-0.
- Marker Strips. Printing available. Consult factory.



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