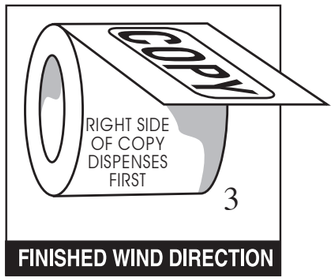

PART NUMBER: 80041-647-06

MATERIAL: PER DATASHEET 80109-DS-001

NOTES:

1. BLACK CHARACTERS ON WHITE BACKGROUND.
2. VENDORS MAY PHOTOGRAPHICALLY REPRODUCE ENTIRE LABEL, ENLARGE OR REDUCE AS NEEDED SO FINISHED LABEL MATCHES DIMENSIONS.
3. IF TYPE SET, ALL LETTERS TO BE WELL BALANCED AND SYMMETRICAL AND SQUARE D LOGO TYPE PROPORTIONED TO DRAWING ON PAGE 11.1 OF THE SQUARE D COMPANY IDENTITY SYSTEM MANUAL.
4. VENDOR TO SUBMIT SAMPLES FOR APPROVAL.

6.5625

4.500

NQ/NQM PANELBOARD

Follow the information manual (80043-712) provided with this panelboard for assembly. Retain manual in directory card pocket on the inside of the panelboard door for future reference. If additional information manuals are required, contact your nearest Square D/Schneider Electric field office.

SHORT CIRCUIT CURRENT RATING
The short circuit rating is equal to the lowest interrupting rating of:
A) Any installed circuit breaker, maximum of 65,000 rms symmetrical amperes at 240 VAC. See individual circuit breaker markage. **OR**
B) Any combination of integral or remote main circuit breaker and installed branch circuit breaker shown in series short circuit current rating table of information manual. Maximum of 200,000 rms symmetrical amperes at 240 VAC.

See information manual for typical wiring diagrams.
Use only Square D main and sub-feed breaker kits and branch breakers catalog prefix QO, QOB, QH and QHB.
The maximum combined rating of breakers on each branch bus connector on 100A panels should not exceed 100 amps. On 225A and 400A panels, install a 40A max. breaker opposite a 150A 2-pole or 110-150A 3-pole VH breaker or install a 100A max. opposite a 110-125A 2-pole VH breaker. On 600A panels, install a 40A max. breaker opposite a 150A 2-pole or 110-150A 3-pole VH breaker or install a 70A max. opposite a 110-125A 2-pole VH breaker. A 60A max. breaker is allowed opposite 110, 125, & 150 amp breakers providing it only feeds Square D SPD equipment installed within the NQ panelboard. The maximum combined rating of breakers on each branch bus connector on 600A DJ main breaker panels should not exceed 150 amps. For NQ panel applications in 14" wide enclosures, install 100A maximum branch mounted breakers. QO2200VH breakers are not allowed on 600A panels.

Maximum continuous load on any circuit breaker must not exceed 80% of the circuit breaker rating.

FILLER PLATES: CATALOG NO. NQFP15

Additional or replacement units must be Square D circuit breakers as indicated above for use in this panelboard, and,
1. Must have an interrupting rating equal to or greater than that of the circuit breaker with the lowest interrupting rating presently installed, **OR**
2. If panelboard is installed in a series rated system, must be as shown in a series short circuit current rating table in provided information manual.

Suitable for use as service equipment, when used as permitted by the National Electric Code (NEC), if equipped with integral main breaker or when not more than six disconnecting means are provided and panelboard is not used as a lighting and appliance branch circuit panelboard.

USE 75° OR 90° (SIZED PER THE 75° TABLES) COPPER OR ALUMINUM MAIN OR NEUTRAL CONDUCTORS (UNLESS WIRE CONNECTORS ARE MARKED "FOR COPPER WIRE ONLY"). SEE BRANCH UNITS FOR BRANCH WIRE RATINGS.

MAXIMUM WIRE RANGE AND RECOMMENDED TORQUE

100A and 225A Panels			400A and 600A Panels		
TERMINAL	CONNECTOR MAX WIRE RANGE	TORQUE	TERMINAL	CONNECTOR MAX WIRE RANGE	TORQUE
Main Lugs & Neutral Main	(1) 6-2/0 CU-AL (1) 6-2/0 CU (1) 6-350 kcmil CU-AL (1) 6-250 kcmil CU (1) 4-300 CU-AL or CU kcmil	45-50 lbs-in 100 lbs-in 275 lbs-in 275 lbs-in 275 lbs-in	Main Lugs	(1) 1/0-750 kcmil CU-AL or CU (2) 1/0-350 kcmil CU-AL or CU (2) 1/0-750 kcmil CU-AL or CU (3) 6-250 kcmil CU-AL	275-300 lbs-in 275 lbs-in
Sub-Feed Lugs	(2) 6-2/0 CU-AL (2) 6-2/0 CU (1) 1/0-750 kcmil CU-AL or CU (2)1/0-350 kcmil CU-AL or CU	45-50 lbs-in 100 lbs-in 275-300 lbs-in 275-300 lbs-in	Neutral Lugs	(1) 1/0-750 kcmil CU-AL (2) 1/0-300 kcmil CU-AL (1) 1/0-750 kcmil CU (2) 1/0-300 kcmil CU	550 lbs-in 375 lbs-in
NEUTRAL BARS	14-6 14-2/0	24-35 lbs-in 40-50 lbs-in			

See circuit breaker for lug torque. Branch breaker connector screws 18-21 lbs-in. Ground lug 14-1/0 CU 12-1/0 AL 40-50 lbs-in. Lug mounting hardware torque - 1/4-20 screws (100A/225A) 25-30 lbs.-in, (400A/600A) 60-65 lbs.-in.

SQUARE D 80041-647-06

ALI PART NUMBER SQD005 0617

CUT LINE

BLACK

LABEL ID #	PART DESCRIPTION
[redacted]	
[redacted]	
[redacted]	
[redacted]	

REV	ECO/ECN	DATE	BY	REVISION DESCRIPTION

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	FOR LINEAR DIMENSIONS	DIMENSIONS ARE IN INCHES 2 PLACE DECIMAL = ± .03
LABEL TOLERANCES UNLESS OTHERWISE SPECIFIED	PRINT TO DIE	DIE CUT LINE TO PRINTED FEATURE ±.0315
	LINER	EDGE OF LINER TO EDGE OF MATERIAL ±.015
	PRINT TO PRINT	BETWEEN PRINTED FEATURES. ONE COLOR ±.010. TWO COLOR ±.020.
	DIE CUTS	±.010.
	PRINTED LINES	STANDARD PRINTED LINE WIDTH IS .014 ±.003. DIMENSIONING IS TO THE CENTER OF LINE.

TITLE NQ WIRING LABEL				
USED ON NQ PANELBOARDS				
CLASS	TYPE			
FORM				SERIES
SCALE 1:1	DRAWN ALI	CHKD. SQD	DATE 01NOV2011	ECO/ECN A214254
PRINTS TO PB				
SQUARE D				
SIZE B	NUMBER 80041-647-06			SHEET 1 OF 1