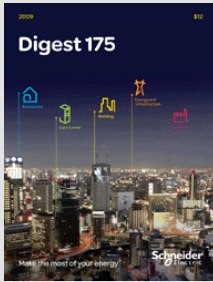


Digest Changes and Updates - 2010

Digest 175 Sections Revised through August 2010



Click here for links to Digest 175 product line sections revised or updated since printing in March, 2009. Included are changes related to new products, revised pricing, technical corrections, and more. These sections contain the most accurate, up-to-date information available. They may also reflect new features, expanded product lines, and globalization efforts.

The following sections have been updated:

Digest 175

Section 1: Load Centers

Section 2: Metering

Section 3: Safety Switches

Section 4: Power Monitoring & Control

Section 5: Lighting Control and Integrated Home Systems

Section 7: Circuit Breakers

Section 8: Operator Mechanisms and Disconnect Switches

Section 9: Panelboards

Section 10: Integrated Power and Control Solutions (IPaCS) Equipment

Section 11: Switchboards and Switchgear

Section 12: Busway

Section 14: Transformers

Section 16: NEMA Definite Purpose Type Contactors and Starters

Section 18: IEC Contactors and Starters

Section 19: Push Buttons & Operator Interface

Section 20: Electronic Sensors and Machine Cabling

Section 21: Limit Switches

Section 22: Pressure, Vacuum, Temperature and Float Switches

Section 23: Relays & Timers

Section 26: AC Drives & Soft Starts

Supplemental and Obsolescence Digest

Section 1: Load Centers

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
1	1-3	Correction	Table 1.7: Added 2 Columns "3P Common Trip", Changed QO-EPD Verbiage to: QO-EPD/EPE QO-EPD/EPE circuit breakers provide overload and short circuit protection combined with Class B ground fault protection. They are designed to provide ground fault protection of equipment at a 30 milliamp level (EPD) or 100 milliamp level (EPE). They are not designed to protect people from electrical shock. Table 1.8: Added 4 Columns "3P Common Trip". Added footnote: See note in Instruction Bulletin when using in an enclosure with a QO403 or QON prefix On Solid Star Footnote: added "two-wire" before "loads". In the first sentence of the footnote.	Jan-10
1	1-19	Revision	Added 6 rows to Table 1.52	Aug-10
1	1-20	Revision	Added 2 rows to Table 1.53	Aug-10
1	1-21	Correction	Revised footnote from "Device does not meet EUSERC Specifications" to "Device configuration is not included in EUSERC standards. Consult applicable utility for acceptance".	Jul-09

Section 2: Metering

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
2	2-10	Correction	In table 2.14, part no. EZM1600CBU - changed width dimension from 20.46" to 26.19". In table 2.14, part no. EZM1800CBU - changed width dimension from 20.46" to 26.19".	Mar-10
2	2-12	Correction	In table 2.19, part no. EZM3600CBU - changed width dimension from 20.46" to 26.19". In table 2.19, part no. EZM3800CBU - changed width dimension from 20.46" to 26.19".	Mar-10

Section 3: Safety Switches

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
3	3-1	Correction	Under Heavy Duty; Standards, 2nd line: changed E154282 to E154828	Jan-10
3	3-7	product addition	In table 3.13, under Fusible products, added part numbers and values for H365SS and H366SS; Under Non-fusible, added part numbers and values for HU365SS and HU366SS.	Jun-09
3	3-7	Correction	Table 3.16: Removed open square symbol next to Cat. No & added solid diamond symbol next to Enclosed Molded Case Switch.	Jan-10
3	3-12	addition to table, pricing	Expanded Price added Table to include 800A and 1200A prices.	Jun-09
3	3-13	change	In paragraph under title Lock-On Provisions, changed first word from "Lock-on" to "Lock-off".	Jun-09
3	3-14	revisions	Revised Series and Dimension columns "W" and "D" multiple places.	Jun-09

Section 4: Power Monitoring & Control

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
4	4-28	correction	Revised values in Tables 4.41 and 4.42. Revised 2nd footnote under table 4.42.	Jul-09
4	4-30	correction	Revised values in Tables 4.43, 4.44 and 4.45. Replaced drawing at bottom of page. Revised 2nd footnote under table 4.44.	Jul-09
4	4-30	correction	Changed Ambient Temp from 46 to 40, Changed Average Temp Limit from 45 to 40 & 35 to 30. Changed Withstand test level: to Dielectric withstand test level: 2nd REVISIONS: Changed photo & caption, added (AV5000 shown here) to the end of the photo outline. Under Application Assistance: Changed "Quality Correction Group provides" to Quality Correction Experts provide. 3rd from the last bullet: deleted and NEMA 3R outdoor. Enclosure rating: Deleted N3R available.	Aug-10
4	4-31	correction	Changed Ambient Temp from 46 to 40, Changed Average Temp Limit from 45 to 40 & 35 to 30. Changed Withstand test level: to Dielectric withstand test level: 2nd REVISIONS: Changed photo. Under Application Assistance: Changed "Quality Correction Group provides" to Quality Correction Experts provide. Enclosure rating: Deleted N3R available.	Aug-10
4	4-32	correction	Changed Ambient Temp from 46 to 40, Changed Average Temp Limit from 45 to 40 & 35 to 30. Changed Withstand test level: to Dielectric withstand test level.	Aug-10
4	4-35	Revision/Pricing	In paragraph "Accusine PCS Sizing", changed contact information. In table 4.47, Completely revised table including part no. changes and pricing. Dimensions were also revised.	Mar-10
4	4-35	Correction	Replaced photos. Table 4.47 Removed the following Catalog Nos.: PCS050D5N15S, PCS050D5N16S, PCS050D5N125SC, PCS050D5N126SD, PCS100D5N15S, PCS100D5N16S, PCS100D5N125SC, PCS100D5N126SD, PCS300D5N15S, PCS300D5N16S, PCS300D5N125SC, PCS300D5N126SD. Changed: Frequency from 50 to 50/60 for ALL catalog Nos. Change Cat No: PCS050D5CE305SC to PCS050D5CE30D, PCS050D5CE545SC to PCS050D5CE54D, PCS050D5IP305SC to PCS050D5IP30D, PCS050D5IP545SC to PCS050D5IP54D, PCS300D5CE305SC to PCS300D5CE30D, PCS300D5CE545SC to PCS300D5CE54D, PCS300D5IP305SC to PCS300D5IP30D, PCS300D5IP545SC to PCS300D5IP54D. Under Power Factor Correction header: Removed the 2nd sentence : In addition, AccuSine PCS.....	Jan-10

Section 5: Lighting Control and Integrated Home Systems

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
5	5-1	correction	Changed SqD Logo/web at top of page to Schneider Electric. Removed All NEW! Product indicators. Changed Clipsal to C-Bus. Added Decorator Keypads after DLT Keypads. Added C-Bus RF Wireless Controls after Software. Removed Square D from Structured Wiring System Header. Removed Square D logo. Changed Structured Wiring System to: Square D® Structured Wiring System. Moved C-Bus Decorator Keypads & C-Bus Wireless Controls to bottom of page.	Oct-09
	5-1	Revision	Rearranged Table of contents	Aug-10
5	5-2	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Square D to Schneider Electric. Changed Clipsal to C-Bus.	Oct-09
5	5-2	Revision	Changed Matrix Switcher Photo to black one.	Aug-10
5	5-3	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Square D Occupancy Sensors to Schneider Electric Occupancy Sensors.	Oct-09
55	5-3	Revision	Added Wiser Photo	

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
5	5-4	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. 1st pgrph: deleted Clipsal to just read Neo Keypads.	Oct-09
	5-4	Revision	Changed 2nd Bullet to read: Scene control includes up to forty group addresses per keypad. Larger scenes are possible by sharing memory among multiple keypads. Added to the end of the 7th bullet: ..or help the installer find the correct keypad when commissioning	Aug-10
5	5-5	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. 1st pgrph: deleted Clipsal to just read Saturn Keypads.	Oct-09
5	5-5	Correction	Changed 2nd Bullet to read: Scene control includes up to forty group addresses per keypad. Larger scenes are possible by sharing memory among multiple keypads.	Aug-10
5	5-6	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. 1st pgrph: deleted Clipsal to just read Saturn Dynamic...	Oct-09
5	5-6	Revision	Changed 3rd Bullet to read: Scene control includes up to forty group addresses per keypad. Larger scenes are possible by sharing memory among multiple keypads	Aug-10
5	5-7	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. 1st pgrph: changed Clipsal Touch screens to C-Bus Touch screens. Deleted New! icon on Mark II touch screen.	Oct-09
5	5-7	Revision	Changed Mark II to Mark II Monochrome on photo captions & headers. In 3rd bullet added to the end ...through the built in Logic Engine. Added bullet at the end of Mark II Monochrome touch screen that says: Stores up to 250 scenes with 100 group addresses each. Scenes can be triggered directly from the touch screen or any other device on C-Bus	Aug-10
5	5-8	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 6 instances.	Oct-09
5	5-8	Correction	Last paragraph: changed seven to six. Changed Matrix Switcher photo to black one.	Aug-10
5	5-9	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 10 instances.	Oct-09
5	5-9	Correction	Changed Matrix Switcher photo to black one. Completely replaced Matrix Switcher text. Clipsal Table: Changed the Matrix Switcher row from 1 entry to 2. 2nd REVISIONS: (now page 5-11) added TBD in price column on Table 5.13, first 2 entries.	Aug-10
5	5-10	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 3 instances.	Oct-09
5	5-11	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 2 instances.	Oct-09
5	5-11	Revision	Added Title to Table 5.12: Single and 4 Zone Network Thermostats. Added row to bottom of table: SLC5031RDTSL. Remote Temperature Sensor. 2nd REVISIONS: (now page 5-13) added price \$298.00 to Cat No SLC5031RDTSL	Aug-10
5	5-12	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 7 instances. Table 5.13: changed 150fc, Indoor to 150 Foot-candles, Indoor& changed 150lc, Outdoor to 150 Foot-candles, Outdoor	Oct-09
5	5-12	Correction	Under Light Level Sensor Header: changed ...ambient lighting levels to ...ambient lighting targets.	Aug-10
5	5-13	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 1 instance. Changed Various to various in General Input Unit paragraph.	Oct-09
5	5-14	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 4 instances. Added photo, caption, info & table about the 8-Channel Low Voltage Relay.. Changed 8-Channel text to the following: The C-Bus 8-Channel Low Voltage Relay is a C-Bus output device that controls up to eight low voltage relay channels. The unit is powered from C-Bus and requires no other power source. The 8-Channel Low Voltage Relay can be used in many low voltage applications including controlling irrigation solenoids and low voltage damper solenoids for HVAC control. The unit can also be used in integrating 3rd party equipment through pulse signal controls. <ul style="list-style-type: none"> • 8 channels of 2A switched loads @ 30Vac/dc • 8 channels are all isolated change over relays • Control of 3rd party products 	Oct-09
5	5-15	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 4 instances.	Oct-09
5	5-15	Revision	Table 5.20: changed header from C-Bus Four Channel and Pro Dimmers TO: C-Bus Dimmers	Aug-10
5	5-16	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 9 instances.	Oct-09
5	5-17	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 11 instances.	Oct-09
5	5-18	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 20 instances. Under 12M Enclosure last bullet: Changed 4M Clipsal to 4M C-bus. Under 36M and 36MS Enclosure 1st sentence, changed Various to various	Oct-09
5	5-19	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 4 instances.	Oct-09
5	5-20	correction	Changed SqD Logo/web at top of page to Schneider Electric. Changed Clipsal header to C-Bus. Clipsal to C-Bus in 1 instance. Under HomeGate paragraph removed Clipsal in 1st sentence.	Oct-09
5	5-20	Revision	Under C-Bus Toolkit Software header, changed website in note to: http://www.schneider-electric.us/solutions/lighting-and-whole-home-control/ Under Schedule Plus Software V.4 Header, changed website note to An evaluation version of Schedule Plus is available for download by going to http://www.schneider-electric.us/solutions/lighting-and-whole-home-control/ and clicking Software Downloads in the far-left column. Under HomeGate Software V.4 header, changed website note to An evaluation version of Schedule Plus is available for download by going to http://www.schneider-electric.us/solutions/lighting-and-whole-home-control/ and clicking Software Downloads in the far-left column.	Aug-10
5	5-21	correction	Changed SqD Logo/web at top of page to Schneider Electric. Removed Square D® from Basic Wall Switch Occupancy Sensors heading, Commercial Grade Wall Switch Occupancy Sensors heading, & Residential Wall Switch Vacancy Sensors heading. Under Adaptive Technology: Changed Square D adaptive sensors TO: Adaptive Sensors from Schneider Electric. Under Residential Wall Switch Vacancy Sensors, Changed Square D Residential Vacancy Sensors TO: The Residential Vacancy Sensors. Changed: The Square D Vacancy Sensor operates... TO: Vacancy Sensors from Schneider Electric operate	Oct-09
5	5-21	Revision	Removed "New" icon from the Commercial Grade Wall Switch photo.	Aug-10
5	5-22	correction	Changed SqD Logo/web at top of page to Schneider Electric. Removed Square D from Wall Mount Occupancy Sensors heading. Changed Square D Wall Mount Occupancy Sensors... TO: Wall Mount Occupancy Sensors from Schneider Electric..... Removed Square D from Ceiling Mount Occupancy Sensors heading.	Oct-09

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
5	5-22	Revision	Table 5.27 Wall Mount and Ceiling Mount Sensors. ... Split in to two Tables: Wall Mount Occupancy Sensors & Ceiling Mount Occupancy Sensors. ALSO added two rows to the new Ceiling Mount Table NEED PRICES. Tables will be renumbered from this point on. 2nd REVISIONS: (now page 5-25) added prices 129.54 & 141.76 to SLCUS800 & SLSCDS800 respectively.	Aug-10
5	5-23	correction	Changed SqD Logo/web at top of page to Schneider Electric. Removed NEW! Icon from Indoor Occupancy Sensor photo. Removed Square D Fixture Mounted Sensors and Controls header. Changed Square D extends... TO Schneider Electric extends...	Oct-09
5	5-24	correction	Changed SqD Logo/web at top of page to Schneider Electric. Removed NEW! Icon from BACnet Capability heading.	Oct-09
5	5-24	Revision	4th paragraph, 2nd sentence. Changed PCS to Powerlink.	Aug-10
5	5-25	correction	Changed SqD Logo/web at top of page to Schneider Electric.	Oct-09
5	5-25	Correction	Table 5.32: Change Two-Pole header from: 240Vac – 65,000AIR to: 120/240Vac – 65,000 AIR 240Vac -14,000AIR Ground B Phase. Table 5:40 added 2 rows & footnote.	Aug-10
5	5-26	correction	Changed SqD Logo/web at top of page to Schneider Electric. Under Device Power Supply heading: Added TM symbol to first appearance of C-Bus. Changed ...passive Clipsal devices TO: ...passive C-Bus devices. Removed Clipsal twice in last sentence. Under Device Router heading: changed Clipsal to C-Bus in 5 instances. Under Device Router changed: C-BusPower Supply TO: C-Bus Power Supply	Oct-09
5	5-27	correction	Changed SqD Logo/web at top of page to Schneider Electric.	Oct-09
5	5-28	correction	Page Renumbered because of added pages.	Oct-09
5	5-29	New Page Added	Under Neo™ Decorator Keypads changed Clipsal to C-Bus. Table 5.52: Changed SLC5050GA(XX) to SLC5850BP(XX). Replaced Neo Decorator Style Cover Plate photo. Removed ™ symbol from Neo in 2 places & Saturn in 2 places. Changed last photo caption on the page to read: 2 Gang Saturn Decorator Style Cover Plate.	Oct-09
5	5-30	New Page Added	Changed New RF Wireless Keypad photo. Changed 3rd bullet to read: Use as a stand-alone system, or connect to C-Bus wired systems for controlling third party sub-systems, security access controls, sprinklers and more. Under Switches & 600W adn 1000W RF Dimmers & Scene Controllers, 2nd to last bullet points, changed remote to: RF remote. Under Plug Adaptors: changed 2A to 8A in 2 places & added plug adaptor photo. Added Gateway photo, Changed Discount Schedule to DE-8.	Oct-09
5	5-31	New Page Added	Added Remote Control Photo. Under RF Remote Control, 5th bullet point: Changed w/button indicator TO: w/indicator. Table 5.56, Added footnote: Wallplates sold separately. Was asked to fix indent in last 3 categories in table, but the correct style sheet PCN is centered text. The others look flush left because they are the same length, but they are centered as well. Changed Cat. No. SLC5812R10F1UD to SLC5812R8FUM. Cat. No. SLC5800WCGD: added Description: Wireless Gateway. Cat. No. SLC5888TXBD: added Description: RF Remote. Changed Discount Schedule to DE-8.	Oct-09
5	5-31	Revision	Table 5.56: Asked to ad (ORDER COVER PLAGE SEPARATELY) NOTE.....then decided not to because there was a footnote already in place.	Aug-10

Section 7: Circuit Breakers

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
7	7-2	Correction	Changed Last column headers to read: QO-EPD QO-EPE and QOB-EPD QOB-EPE. Added column for 3 Poles under QO-GFI and QO-EPD QO-EPE. Under Interrupting Ratings added a row for 208V/120. Added 10 for the interrupting Rating for QO-GFI and QO-EPD QO-EPE columns. Duplicated accessory info from 2 pole columns to 3 pole columns for QO-GFI and QO-EPD QO-EPE.	Jan-10
7	7-11	Correction	Table 7.7: Added 2 Columns "3P Common Trip", Changed QO-EPD Verbiage to: QO-EPD/EPE QO-EPD/EPE circuit breakers provide overload and short circuit protection combined with Class B ground fault protection. They are designed to provide ground fault protection of equipment at a 30 milliamp level (EPD) or 100 milliamp level (EPE). They are not designed to protect people from electrical shock. Table 7.8: Added 4 Columns "3P Common Trip". Added footnote: See note in Instruction Bulletin when using in an enclosure with a QO403 or QON prefix. Added 3 Pole Photo & outline: #P QO-GFI Solid Star footnote: Added two-wire in front of loads.	Jan-10
7	7-12	Correction	Table 7/14: Changed GFI2PA verbiage to read: For padlocking 2P and 3P QO-GFI, QO-EPD, and QO-EPE in either ON or OFF position, fixed attachment. Changed QOGFI2PAF verbiage to read: For padlocking 2P and 3P QO-GFI, QO-EPD, and QO-EPE circuit breakers in OFF position only, fixed attachment.	Jan-10
7	7-27	Correction	Revised 1600A part no.R()36080(C)U43A to R()36160(C)U43A.	Aug-10
7	7-56	Correction	Added 3 footnotes to the bottom of table 7.147 with corresponding tags in the table. Changed footnote "Maximum short circuit rating is 18kAIR, 480 Vac." TO: "Maximum short circuit rating is 18kAIR, 480 Vac and 240 Vac."	Oct-09
7	7-57	Correction	Added footnote to Table 7.151: Not UL Listed.	Oct-09

Section 8: Operator Mechanisms and Disconnect Switches

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
8	8-13	Additions	In Table 8-47 Under right hand column, added part no. LJ3, Price \$230.00, mounting depth 5-1/2-21-3/8. In Tables 8-47, -48, -49, added line for PowerPact D products	Aug-10
8	8-16	Deletion	In Table 8-54, removed lines for Catalog Numbers 30528-358-50S and 30528-369-50S. These catalog numbers are obsolete.	Aug-10
8	8-21	Revision	In table 8.73, changed cable length of 36 in. to 48 in. Added footnote symbol to PowerPact M and P and added footnote to table reading "Must use 9422AP1 or 9422AP2 Handle with this operating mechanism." In table 8.75, under Disconnect Switches, first row, inserted BTDN between BTCN and BTDF.	Aug-10

Section 9: Panelboards

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
9	9-1	correction	Added NQ Merchandised Panelboards to the Table of Contents	Oct-09
9	9-3	Correction	Table 9.2: Replaced Table with table from NF Instruction Bulletin (80043-741-01) on page 26	Jan-10

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
9	9-7	correction	In table 9-10, 20 in. Wide cabinet Single Phase section, 30 Pole Spaces row, changed catalog no. NC62() to NC62V() and NC62()HR to NC62V()HR. In 42 Pole Spaces row, changed catalog no. NC62() to NC62V() and NC62()HR to NC62V()HR. In 20 in. Wide cabinet Three Phase section, 30-42 Pole Spaces rows, changed catalog no. NC62() to NC62V() and NC62()HR to NC62V()HR.	Jun-09
9	9-7	correction	Added Footnote to Table 9.10: For single phase applications, order a 3-pole breaker. Example: HDL36100.	Oct-09
9	9-7	Revision	Table 9.10: Circuit Breaker Frame Size Column: Added footnote to LA/LH (6 places) and corresponding footnote under table: For 400A applications order short handle circuit breaker (LAL36400MB).	Aug-10
9	9-8	correction	In table 9.12, 400A Mains rating row, changed Catalog no. NC80()HR to NC80V()HR	Jun-09
9	9-9	correction	In table 9.13, Changed "Factory Assembled Only" to "Not Available".	Jun-09
9	9-10	correction	Under table 9-18, changed footnote beginning "QOB2150VH uses 4..." to "20A maximum circuit..." was changed to "40A maximum circuit...".	Jun-09
9	9-10	Change	Table 9.18: changed table main head to read: QOB-GFI, QOB-EPD, and QOB-EPE Circuit Breakers. Added 3 Pole Common Trip Columns to table. Changed QOB-EPD-QOB Equipment protection circuit breakers with UL Listed 30 mA equipment protection. To read: QOB-EPD-QOB Equipment protection circuit breakers with UL Listed 30 mA (EPD) or 100 mA (EPE) equipment protection. Added footnote: See note in Instruction Bulletin when using in an enclosure with a QO403 or QON prefix.	Oct-09
9	9-11	Change	Table 9.24: Altered/Added the following: 10,000 AIR Qwik-Gard Class A QO-GFI, QOB-GFI Provided with a 5 mA setting on ground fault sensor 15-30 272 488 - 920 40-50 - 488 - 920 60 - 488 - - 10,000 AIR Qwik-Gard Class A QO-EPD, QOB-EPD Provided with a 30 mA setting on ground fault sensor 15-30 457 738 - 1210 40-50 - 738 - 1210 60 - 738 - - 10,000 AIR Qwik-Gard Class A QO-EPE, QOB-EPE Provided with a 100 mA setting on ground fault sensor 15-30 - - - 1210 40-50 - - - 1210 and on Table 9.26 in the footnote Changed QL to QJ Table 9.24: added a column "3-pole 208Y/120 Vac". Changed 40-60 to 40-50 in 3 places & added prices of 920 for 15-30 & 40-50 in QO-GFI, QOB-GFI.	Jan-10
9	9-11	Pricing	Table 9.24: Under subhead: 10,000AIR-Qwik-Gard-Class A-QO-EPD, QOB-EPD. Changed prices: \$457 to \$462, \$738 to \$828 (3 places). Table 9.25: Deleted last two rows.	Aug-10
9	9-12	addition	Added new table 9-37 to page. Title is "NQ Main Neutral Conductors-Required Size and Quantity."	Jun-09
9	9-13	correction	In table 9.45, changed max no. of one-pole EDB circuit Breakers column for 125 A mains rating. Added "Maximum breaker rating opposite is 20A." to 8th footnote below table 9.45.	Jun-09
9	9-14	Correction	Table 9.51: Under Sub-feed Circuit Breaker, 30 Circuit: Changed MH68 to MH74. Table 9.51: Under Sub-feed Circuit Breaker, 42 circuit/600 Amp: Changed MH74 to MH80	Jan-10
9	9-14	Pricing	Table 9.50 changed 600 Mains Ampacity to FACTORY ASSEMBLED ONLY. Table 9.53 changed prices: \$663 to \$1122, 779 to 1206, 636 to 987, 1139 to 2236	Aug-10
9	9-19	correction	In table 9.75, 800A row, changed (3) 3/0-500 kcmil Al or Cu" to "(6) 3/0-500 kcmil Al or Cu". Added new table 9-84. Table title is "NF Main Neutral Conductors-Required Size and Quantity".	Jun-09
9	9-19	Correction	Table 9.77: Under 600 A, 30 Circuit Panel, changed height from 68 to 74 Table 9.77: Under Column 600 A: Changed last two numbers from 74 & 80 to 80 & 86	Jan-10
9	9-22	correction	Changed Box Size: 2 in. Wide toBox Size: 42 in. Wide.	Oct-09
9	9-41	New Page Added		Oct-09

Section 10: Integrated Power and Control Solutions (IPaCS) Equipment

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
10	10-1	product change	Changed "Generator Quick Connect Tap Box" to "Standby Power Quick Connect Tap Box"	Jun-09
10	10-2	product change	Changed title and text for paragraph "Generator Quick Connect Tap Box" to "Standby Power Quick Connect Tap Box" title and text.	Jun-09
10	10-4	product change	Removed title and text for "Generator Quick Connect Tap Box" and replaced it with title and text for "Standby Power Quick Connect Tap Box". Replaced Generator Tap Box image with Standby Power Tap Box image at top of page.	Jun-09

Section 11: Switchboards and Switchgear

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
11	11-6	corrections	Added Digest Page reference after "...Type H trip units" in second paragraph under Micrologic Trip Units.	
11	11-9	corrections	In table 11.17, revised Fuse Range values. In table 11.20, removed Catalog Numbers HVLCMB14B14, HVLCMB14B20, HVLCMB20B14, HVLCMB20B20, HVLCMB14A14, HVLCMB14A20, HVLCMB20A14 and HVLCMB20A20.	Jun-09
11	11-10	corrections	In table 11.25, removed Catalog Numbers 55DE540, 55DE600, 155DE225, 155DE270, 155DE315 and 155DE360.	Jun-09
11	11-11	revision	In table 11.29, changed part no. HVL315 DEW to HVL305DEW.	Jun-09
11	11-13	revision	In table 11.38, changed HVLC line side connector kit description. "(top only)" changed to "(Bottom Entry only)".	Jun-09
11	11-14	revision	In table 11.39, changed part no 175DE175 to 155DE175 and 175DE200 to 155DE200.	v

Section 12: Busway

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
12	12-4	addition to table	In table 12.18, added Seismic column and applicable price column	Jun-09
12	12-5	addition to table	In table 12.23, added Seismic column and applicable price column	Jun-09
12	12-16	revision	Revised table 12.56, changed pricing.	Jun-09

Section 14: Transformers

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
14	14-9	Correction	Table 14.19: Changed Enclosures on the following 2.4 kV subhead: row 2000, from 41F to 42F. Under 15 kV header: rows 112.5, from 30D to 38D, 150: 30D to 38D, 225: 31D to 38D, 300: 31D to 45D, 500: 32F to 44F, 750: 33F to 39F, 1000: 33F to 40 F, 1500: 33F to 40F, 2000: 34F to 41F, 2500: 34F to 42F, 3000: 35F to 42F.	Aug-10
14	14-10	Revision	Table 14.23: added row at bottom.	Aug-10

Section 16: NEMA Definite Purpose Type Contactors and Starters

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
16	16-11	correction	added at the end of the first section (introduction): "To get details information about TeSys U, visit our web at www.us.schneider-electric.com/TeSysU"	Oct-09
16	11	Correction	Table 16.31: Changed Table Header to: Step 1. Select Power Base & removed the LUS32NR row. Table 16.32: Removed references to LUS32 and LUS32NR from the footnote. Last table on the page replaced 'Accessories for both LUS32/LUS32NR and LUB32/LUB32NR' with 'Accessories for LUB32/LUB32NR' Removed the line "TeSys U Starter" row from the table at the bottom of the page.	Jan-10
16	16-23	correction	Figure 1 Drawing & Caption was missing. NOTE: it was in the file, just behind Figure 2 Drawing, so moved it out from under.	Oct-09
16	16-92	correction	added at the end of the first section (introduction): "To get details information about TeSys T, visit our web at www.us.schneider-electric.com/TeSysT". In Tables 16-275 and 16.276, replaced 'Supply Voltage' with 'Control Voltage'. In Table 16.279, replaced 'Powersuite 2.5 or greater' by 'Powersuite 2.6 or greater'. Table 16.279 Changed reference from Page 16-96 to 16-95 on PowerLogic SMS 4.0. changed LTMRO8MBD picture to LMRR27EBD. Changed LTMEV40BD to LTMEV40FM.	Oct-09
16	16-93	correction	In section 'Possible Configurations': replaced 'Powersuite 2.5 commissioning tools' with 'Powersuite 2.6 commissioning tool'. In Section Motor Control modes, replaced 'Powersuite 2.5' with 'Powersuite 2.6'	Oct-09
16	16-94	correction	Changed LTMRO8MBD picture to LMRR27EBD. Changed LTMEV40BD to LTMEV40FM.	Oct-09
116	16-95	correction	In section 'configuration with powersuite', replaced 'version 2.5' with 'version 2.6'	Oct-09
16	16-96	correction	moved Section 'TeSys T and SMS Powerlogic' + the picture to the bottom of page 16-95	Oct-09
16	16-102	Correction	Asked for change in Table 16.293 BUT it has been renumbered to 16.296: Removed the open triangle footnote from the NEMA 12/3R Dusttight and Driptight header and added it to all part numbers except for MA1 as it does not apply to that part number.	Jan-10
16	16-114	Correction	Fixed alignment of Coil Prefix 31041-400 row.	Aug-10

Section 18: IEC Contactors and Starters

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
18	18-1	Correction	In the table of content, it says TeSys T is on page 16-91, changed to page 16-92	Oct-09
18	18-4	Correction	In table 18.2, changed current setting for LRD340 from "20-40" to "30-40".	Jul-09
18	18-21	Correction	Table 18.69: Under 200V changed last entry from 25 to 30, Under 460V changed 50 to 40. Table 18.70: Under 200V changed 25 to 30, Under 460V changed 50 to 40. Added 7 rows of new overload codes. Changed overload codes: 22, 53, 55, 57, 59 changed "For Use On Contactors" Column D40-D80 to D80	Aug-10
18	18-28	Correction	added at the end of the first section (introduction): "To get details information about TeSys U, visit our web at www.us.schneider-electric.com/TeSysU"	Oct-09
18	18-28	Correction	Table 18.109: Removed reference to LUS32 from the footnote. Table 18.111: Overload Trip (Remote/Auto Reset) COLUMN: Removed O's & I's from the Auxiliary Contact Function Modules cells. Accessory table (the table with no number) removed the line TeSys U Starter Use TeSys U as a starter only 18-32.	Jan-10
18	18-30	Correction	Table 18.115: Removed reference to LUS32 from the footnote. Table 18.114: removed Single Phase columns. Added footnote Voltage code required & added corresponding symbols to LU2B12 & LU2B32. Fixed all other footnote symbols.	Jan-10
18	18-32	Correction	Table 18.121: Removed entire table, all tables from this point forward are renumbered. Table 18.125: Removed reference to LUS12 and LUS32	Jan-10

Section 19: Push Buttons & Operator Interface

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
19	19-1	Change	Added Control and Signaling to the Content page	Jan-10
19	19-2	Correction	For Type O, changed the UL file number from E42259 to E179183. For Type J, changed the UL file number from E42259 to E78403.	Mar-10
19	19-7	Addition	Added wire lengths to "Connection Type row" at bottom of table.	Jun-09
19	19-24	Correction	In table 19-57, changed part no. XB4BS8444 to XB4BS8441; changed N.O. Contact from none to 1; changed (ZB4BZ104 + ZB4BS844) to (ZB4BZ141 + ZB4BS844)	Jun-09
19	19-63	Correction	Changed 2-1/4" Dia. Mushroom Button, color "Red" row to show solid diamond footnote symbol.	Jun-09
19	19-64	Correction	In table 19-74, Part no. KR9R94H13 - changed dimensions to 1-5/8" (40mm).	Jun-09
19	19-68	Correction	Table 19.188 changed following suffixes: 1 to 01, 2 to 02, 4 to 04, 5 to 05, 6 to 06, 7 to 07, 8 to 08 & 9 to 09.	Oct-09
19	19-70	Correction	Changed triangle footnote to read: Add the voltage assembly code as chose from Table 19.228 or Table 18.229 on page 19-82. EXAMPLE: KT(triangle)R31 with 208 Vac red LED = KT37LRR31	Oct-09
19	19-72	Correction	In table 19-198, in the Momentary Interlocked Dual Function row, changed KR6GRH7 TO KR67GRH7, KR6GRH37 to KR67GRH37. In Maintained Interlocked Dual Function row, changed KR6GRH7 to KR7GRH7, KR6GRH37 to KR7GRH37.	Jun-09
19	19-77	Correction	Deleted key operated rows from Non-illuminated section of table 19-215	Jun-09
19	19-78	Correction	Table 19.219 changed following suffixes: 1 to 01, 2 to 02, 4 to 04, 5 to 05, 6 to 06, 7 to 07, 8 to 08 & 9 to 09. Table 19.218: changed the type SK operators part numbers to the following: SK20, SK21, SK22 and SK23	Oct-09
19	19-70	Correction	Changed triangle footnote to read: Add the voltage assembly code as chose from Table 19.228 or Table 18.229 on page 19-82. EXAMPLE: SKT(half filled diamond)R31 with 208 Vac red LED = SKT37LRR31	Oct-09
19	19-84	Correction	Moved: "Hole Punch: Use Greenlee Tool #60242 to punch mounting hole and notch" to appear underneath the Mounting Hole line drawing. Added dimensions A-F to centerline spacing drawing. Added note under centerline spacing drawing: "See Table 19.243 for dimensions A-F minimum centerline spacing. Added table from Diges 174 page 19-82	Oct-09
19	19-102	Correction	Table 19.299: Changed Type from KYK218 to KYK21	Oct-09
19	19-102	Correction	Changed operator part number from SR11U to SKR11U.	

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
19	19-103	Correction	In table 19.301, in the height column, moved the 300 value in the XVCZ23 row up one line to the XVCZ13 row. Table 19.301: Mount tube and base row: changed Diameter to: 106, 120 and 130. Changed the Height to 300. L-shape mounting bracket row: changed Diameter to: 84, 106 and 120. Changed Height to --.	Oct-09
19	19-107	Correction	Changed XBVC081 to XBVC081 next to the drawing in 2 instances. Removed the ' in XBVC2'1	Oct-09
19	19-116	Correction	Table 19.347: In Column 2 under "catalog number" changed 8th item down from ZB2BY23 to ZB2BY2371.	Jan-10
19	19-122	Revision	Changed Target Table to show 12 positions instead of 11.	Jun-09
19	19-123	New Page Added	Added photo, made many grammatical changes	Jan-10
19	19-124	New Page Added	Added photo, made many grammatical changes	Jan-10

Section 20: Electronic Sensors and Machine Cabling

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
20	20-3	pricing	Changed pricing for XUBLAKCNL2T to \$330.00; Changed pricing for XGHB211345 to \$52.50.	Jun-09
20	20-7	Pricing	Table 20.11: Changed catalog numbers & prices: XSZB108 to 9006PA08 3.30 XSZB112 to 9006PA12 4.80 XSZB118 to 9006PA18 4.80 XSZB130 to 9006PA30 6.30	Jan-10
20	20-9	revision	Revised catalog numbers in table 20-16 to new part numbering scheme.	Jun-09
20	20-9	Correction	On table 20.16: XXV18 mm Ultrasonic Sensor. Changed the supply voltage to be 10 to 36 Vdc	Jan-10
20	20-10	correction, pricing	Under output type, Proximity, changed "NPN Sinking" to "NPN Sourcing". Changed pricing for SM600A21600 an SM600A21610 to \$487.50. Changed pricing for SM650A21600 and SM650A21610 to \$520.50. For all products with Environmental Protection ratings of NEMA 4X, added not "(indoor use only)".	Jun-09
20	20-11	Correction	Table 20.21: Under Virtu 30 mm DUAL LEVEL pump-in, pump out. All parts that started with "XX6V3", were to changee to start with "XX2V3"	Jan-10
20	20-12	pricing	Changed pricing for RFID (Radio Frequency Identification) Products.	Jun-09

Section 21: Limit Switches

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
21	21-33	Correction	Table 21.3: changed pricing.	Oct-09

Section 22: Pressure, Vacuum, Temperature and Float Switches

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
22	22-4	revision	For table 22.3, revised 2nd footnote to read "For a bulk package (25 units), add TQ to the end of the catalog number. The minimum order quantity is 50 units (two bulk packs). When ordering, specify the individual number of units, NOT the number of bulk packs. The bulk price per unit is \$150 each. Minimum order quantity for factory ordered individual items (non-stock) is 48 pieces."	Jun-09
22	22-5	revisions	Removed table 22.5. Removed all images in left hand column. Added text at top of page "For connectors and cables, see Table 22-09 on page 22-7."	Jun-09
22	22-6	revision	In table 22.8, changed column value "01" to "02". Removed "01" and "11" options from Output column.	Jun-09
22	22-6	Correction	Table 22-7: Changed XMLF 100 D 2 01 5 (example and breakdown) To XMLF 100 D 2 02 5. Under Output column, added these options: 01: DC Analog 4 – 20 mA, shunt calibration 11: DC Analog 0 – 10V, shunt calibration Replaced Table 22.7	Oct-09
22	22-7	remove catalog number	In table 22.10 removed M12 Snap-C connector row.	Jun-09
22	22-11	revision	In table 22.21 In the Diaphragm Actuated Section, revised the Approximate Mid-Range Differential values.	Jun-09
22	22-11	Correction	Deleted 1st row in Table 22.21 Actuator prepared for oxygen service	Oct-09
22	22-16	pricing	Changed price for Form E3 from \$52.50 to \$78.00.	Jun-09
22	22-17	addition	Added CSA log and file number to bottom of page. Added Form V1 to tables 22.40 and 22.42.	Jun-09
22	22-17	Correction	Table 22.41: Added Form V1 to Range Scale Window. TABLE 22.41 REMOVED, (standard with Forms K and K1) from Range scale window row AND changed the FORM column to just be V1	Oct-09
22	22-18	addition	Added CSA log and file number to top of page.	Jun-09
22	22-20	Correction	Changed CSA File Numbers to be CSA 25490 and 26817	Oct-09
22	22-21	Correction	Deleted roing in Table 22.21	Oct-09
22	22-23	pricing	In table 22.72 Changed Form L pricing from \$19.50 to \$29.30.	Jun-09
22	22-24	revision	At top of page, deleted "Ambient temperature ratings: Min. -30 °C (-22 °F); Max. +105 °C (+220 °F)" at top of page.	Jun-09
22	22-25	revision	At top of page, deleted "Ambient temperature ratings: Min. -30 °C (-22 °F); Max. +105 °C (+220 °F)" at top of page. Added table 22.80, Temperature Ratings for Class 9038.	Jun-09

Section 23: Relays & Timers

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
23	23-1	Correction	Added Solid State Relays Heading & Panel Mount, DIN Mount & SSR Accessories Subheads Added. Changed photos to show new products: SSR, REG24, REG49, REG96, & moved RM17, RM35 to bottom of page	Oct-09
23	23-1	Correction	Added RSL to Zelio® Plug-in Relays listing. Moved New Icon next to Zelio® Plug-in Relays. Changed RSL photo. Changed RSL page # reference	Jan-10
23	23-8	Correction	Basically replaced all info/photos on the page. Started over with original page & made RSL information/photos a separate page (23-45).	Jan-10
23	23-43	New Page Added	Changed Catalog reference at top to: 8501CT0601. Moved New Icon to left at top of page. Tables 23.206 & 23.207, changed pricing. Changed Discount Schedule to CP1	Oct-09

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
23	23-44	New Page Added	Changed Page Heading to: Control and Measurement Relays. Changed page subhead from Type TEMCO to Type REG. Deleted Class Temperature Controller/ at top of page. Changed Schneider Electric Temperature Controllers to: Zelio® Temperature Controllers & moved NEW! Icon to Left. Changed bullet points under Key features include: to the following: <ul style="list-style-type: none"> •Modbus communication for easy data exchange with other automation products •Simple parameter settings •IP66 certification enables dust resistance •Flash memory (saves configurations) •Compatible with a wide range of sensors •Advanced Functions (standard): PID, fuzzy logic, auto-tuning, soft start UNDER Optimized programming: deleted last point: Compatible with a wide range of sensors. Changed pricing on Tables 23.208 & 23.209. Changed all 3 photo captions.	Oct-09
23	23-45	New Page Added	Added complete new page	Jan-10

Section 26: AC Drives & Soft Starts

Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
26	26-4	corrections	In table 26.2, under IP54/UL Type 12 Enclosed columns, moved Catalog numbers ATV31C018M2 thru ATV31CU22M2 up to top of table in 208/230VAC section. Catalog numbers ATV31C037N4 thru ATV31CU22N4 were deleted from table and moved to Table 26.2 under 400/480 Vac section on page 26-5.	Jun-09
26	26-4	Correction	Table 26.2: switched headers in 2nd & 3rd columns. NOW READS: kW then HP	Oct-09
26	5	correction	Catalog numbers ATV31C037N4 thru ATV31CU22N4 were added from table 26.2 on page 26-4 under 400/480 Vac section.	Jun-09
26	26-9	revision	In table 26.7, added rule in "For Use on Drives" column above part no. VW3A3312 and added text "Any ATV61".	Jun-09

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Section Number	Page Number	Reason for Change	Specific Changes Made	Change Date
2	2-2	pricing	Changed price for GDJK600 fom \$440.00 to \$293.00. Changed price for GD4060LK from \$606.00 to 404.00	Jun-09
2	2-3	pricing	Revised all prices in table 2.3 Electrical Interlock Kit	Jun-09
2	2-4	pricing	In table 2.6 Price Adder Per Lock, changed all prices.	Jun-09
13	13-2	corrections	Table 13.1, deleted footnote and symbols; other revisions to table.. Table 13.2, deleted footnote and symbols; other revisions to table..	Jun-09
13	13-9	part number revision	In NQOD Merchandised Example changed NQOD430L225 to NQOD430L225CU	Jun-09
13	13-10	revision	Changed footnote 1 under table 13.20 from "CU suffix indicates copper bussing;" to "CU suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior."	Jun-09
13	13-11	revision	Changed footnote 1 under table 13.22 from "CU suffix indicates copper bussing;" to "CU suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior."	Jun-09
13	13-12	revision	Changed footnote 1 under tables 13.24 and 13.25 from "CU suffix indicates copper bussing;" to "CU suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior."	Jun-09
13	13-13	revision	Changed footnote 1 under tables 13.27 and 13.28 from "CU suffix indicates copper bussing;" to "CU suffix indicates copper bussing. NQOD RTI interiors with aluminum bus are no longer available. Order the copper bussed equivalent with a "CU" suffix when ordering a replacement interior."	Jun-09
14	14-2	correction	Updated all table numbers.	Jul-09