BuyLog® Quick Index and Table of Contents

Quick Index

1 Residential

2 Safety Switches

3 Molded Case Circuit Breakers

- 4 Circuit Breaker Enclosures
- 5 Insulated Case Circuit Breakers
- 6 Low Voltage Power And DC Circuit Breakers
- 7 Disconnect Switches and Operating Mechanisms
- 8 Transformers
- 9 Panelboards
- 10 Switchboards
- 11 Busway
- 12 Motor Control Centers—Low Voltage
- 13 Switchgear—Low Voltage
- 14 Entellisys® 4.0 Low-Voltage Switchgear
- 15 Medium Voltage Equipment
- 16 Power Quality Products
- 17 Telecommunication Hardware
- 18 GE Multilin®
- 19 Meters and Instrument Transformers
- 20 Capacitors, Arresters and Harmonic Filters
- Distribution Transformers— Medium and High Voltage
- 22 GE Publication Index
- 7 Time Current Curves and Outline Drawings
- GE Product Index

Table of Contents

Section 1: Residential

	_	
I oad	(en	iters

Q-Line Circuit Breakers— Product Features and Benefits PowerMark Gold Load Centers—	1-2
Product Features and Benefits	1-3
PowerMark Gold and Plus Load Centers—	
Product Number GuidesQ-Line Plug-in Circuit Breakers	1-4
O-Line Plua-in Circuit Breakers	1-5
Special Purpose Circuit Breakers	1-6
PowerMark Gold and Plus Single-Phase Load Centers—	
Main Lug and Convertible Load Centers	1-9
Main Breaker Factory Installed	
PowerMark Plus Three-Phase Load Centers—	
Main Circuit Breakers or Main Lugs Factory Installed	1-14
PowerMark Gold Load Centers—Specialty Panels	
PowerMark Gold Meter Socket Load Centers	
Field Installed Accessories	
Wiring Diagrams	
Load Centers and Meter Socket Load Centers—	
Knockouts	1-38
Modular Metering	
Meter Mod III and Mini Mod III Product Number System.	1-43
Mini Mod III—Ring Type and Ringless	
Mini Mod III—Tenant Main Circuit Breakers	1-45
Mini Mod III—Factory Installed Accessories	1-46
Mini Mod III—Field Installed Accessories	1-47
Meter Mod III—How to Order; Short Circuit Ratings	1-48
Meter Mod III—Main Modules,	
Single-Phase and Three-Phase	1-49
Meter Mod III—Factory Installed Accessories	
Meter Mod III—Meter Stack Modules,	
Single-Phase Plus Accessories	1-56
Meter Mod III—Meter Stack Modules,	
Three-Phase plus Accessories	1-59
Meter Mod III—Meter Stack Modules,	
Phase Balancing	
Mini Mod III—Enclosure Knockout Dimensions	1-61
Meter Mod III—Enclosure Knockout Dimensions	1-62
Structured Wiring	
Value Series— Wall Plate Solutions, Wall Mount Solution	15,
Value 10", 15", 20" and 37" Solutions	1-65
Value Series Selector Guide	1-67
Rough-in Kits, Cover Kits/Door Kits,	
Mounting Systems, Telephone Modules	1-68
Video Modules—Direct Mount, Shelf Mount, Tray Mount	1-69
Data Modules, Computer Networking Modules	
and Accessories	1-70
Video Cameras, NetworX Security System Kits,	
Connectors and Terminators, Surge Modules	1-71
Power Modules, Demo Kits	
Bath Fans, Bath Fan Accessories, Door Chimes	
Product Features and Benefits	1-73
Bath Fan—Single Units	1-74
Bath Fan—Contractor Packs	
Accessories, Door Chimes	1-76



Section 2: Safety Switches		60-600A, SG600 with Microversal rip® Plus and PM	4
Quick Selection Guide, Enclosure Types	2-2	300-1200A, SK1200 with MicroVersaTrip® Plus and PM	.3-6 3
General Duty, Type TG		Accessories for Spectra® RMS Circuit Breakers with	
Heavy Duty, Type TH		MicroVersaTrip® Plus and MicroVersaTrip® PM Units	
Mill Duty, Type TH		Power Management System Accessories	
Double Throw Switches, Type TC, TDT		Other Accessories	3-69
Special Purpose, Heavy Duty, Type TH		Internal Accessories	3-70
Definite Purpose		Molded Case Switches - 100-1200 A	3-72
AC Disconnects		Motor Circuit Protectors	
Accessories: NEMA Type 1 and 3R Enclosures		Motor Circuit Protectors 3-150A Mag Break	3-73
Accessories: NEMA Type 4/4X and Mill Duty Enclosures		70-1200A Mag Break	3-74
Additional Accessories		125-1200A Spectra® RMS Mag Break	3-75
Enclosure and Knockout Dimensions2-29 through		Special Purpose – Mine Duty Circuit Breakers,	
Low Voltage Construction Fuses	•	50-1200 Amperes	3-76
Low voltage construction ruses	2-30	Record Plus® Circuit Breakers – FB 100	
Continue 7: Moldad Caro Circuit Decales		Overview	3-77
Section 3: Molded Case Circuit Breakers		Selection Table, 1-pole	3-78
Industrial Circuit Breakers		Selection Table, 2-pole	3-79
How to Order		Selection Table, 3-pole	3-80
Features	3-4	Internal Accessories	3-81
Quick Reference Guide	3-5	Internal Accessories External Accessories	7_07
Q-Line Circuit Breakers		Record Plus® Circuit Breakers – FC 100	3-02
Plug-In 120/240V Class	3-11	Overview	7 07
Plug-In 240V Class	3-13		
Bolt-On 240V Class	3-17	Selection Table, 2-pole	
Cable-In Cable Out (lug-lug) 240V Class		Selection Table, 3-pole	
DIN-Rail Mount 240V Class		Internal Accessories	
Cable-In Cable Out (lug-lug) 240V Class		External Accessories	3-87
Molded Case Switches 240V Class		Record Plus® Circuit Breakers – FG 600	
Accessories 240V Class		Overview	
Thermal Magnetic Trip		Selection Table, 2-pole	
15-100A Type TEY Bolt-On	3-28	Selection Table, 3-pole	
15-100A E-150 Line Types TEB, TED, THED	3-29	Internal Accessories	
70-150A F225 Line Types TFJ, TFK, THFK		External Accessories	3-91
125-600A J600 Line Types TJJ, TJK, THJK		External Accessories	
300-1200A K1200 Line Types TKM, THMK	7 7/1	Cubie Operators	
Replacement Breakers	,3-34	Flange-Mounted Operators	
Tri-Break®, Internally Fused	776	Door Mounted Operators	3-96
		Motor Operators and Plug-in Hardware	3-98
THLC Current Limiting 15-400 Amperes	3-38	Mechanical Interlocks and Locking Devices	3-99
Internal Accessories- Molded Case Circuit Breakers	7 70	Breaker Mounting Hardware and Kits	
Accessory Devices and Ratings		Lugs and Associated Hardware	
Mine Duty Circuit Breaker Undervoltage Release		Neutral Grounds and Sensors	
Auxiliary Switches	3-41	Plug-in Hardware	
Shunt Trip	3-42		
Undervoltage Release	3-44	Section 4: Circuit Breaker Enclosures	
Heavy-Duty Undervoltage Release	3-45		
Spectra® RMS 15-150A, SE150 Line		NEMA Type 1 Enclosures	4-2
15-150A, SE150 Line	3-46	NEMA Type 3R Enclosures	
70-250A, SF250 Line	3-48	NEMA Type 12 Enclosures	
125-600A, SG600 Line	3-50	NEMA Type 4/4X Enclosures	
300-1200A, SK1200 Line		Hubs and Other Accessories	
Spectra® RMS with MicroVersaTrip® Plus Units		Dimensions and Outline Drawings	
Features	3-55	Dimensions and Knockout Drawings	4-8
MicroVersaTrip® Plus Trip Unit Characteristics			
How to Order			
Spectra® RMS with MicroVersaTrip® PM Units			
Features	3-57		
MicroVersaTrip® PM Trip Unit Characteristics			
How to Order			
1 1000 to Order			



Section 5: Insulated Case Circuit Breakers		_ Handle Operators	
Insulated Case Circuit Breakers		Product Ordering Tables	
Power Break® II		Accessories and Modifications	7-8
Publications for Associated Devices and Accessories	5-2	General-Duty HCI	
Features	5-3	Factory Assembled Fuse Clips	
Construction Options	5-4	Individual Components	7-11
Power + Trip Unit Features	5-5	TDR Handle Mechanism	
Enhanced MicroVersaTrip® Trip Unit Features		Handle Operating Mechanisms	7-14
Trip Unit Characteristics		HPC High-Pressure Contact Switch	
Product Number Nomenclature System		Top- or Bottom Feed	7-15
Interrupting Capacity and Withstand Ratings		Integral Ground Fault Devices	/-1/
How to Order		Accessories	7-19
Frame Selection		Application Information	/-20
Trip Unit Selection		FD1 Fusible IEC Style Individual Components	7 21
Enhanced MicroVersaTrip® Rating Plug Selection		Aggregation	7 22
Stationary and Draw-out Switch Selection		AccessoriesOutlines and Dimensions	
Stationary and Draw-out Breaker Accessories		DILOS Nonfusible Vu-Break IEC Style	7-24
Stationary Breaker Mounting Kits	5-25	Individual Components	7 25
Stationary Breaker Mounting Kits,	- 06	Accessories	
Wall Mounted Enclosures, Floor Mounted Enclosures	5-26	Outlines and Dimensions	
Neutral Current Sensors and		Oddines and Dimensions	7-21
POWER LEADER® Accessories		Section 8: Transformers	
Draw-out Breaker Accessories	5-28		
Continue C. Loron Mallor and December and D.C. Circuit Brown have		General Information	0.2
Section 6: Low Voltage Power and DC Circuit Breakers		Types OB, QMS, QL and TransforMore®	8-2
Introduction		General Purpose Single-Phase TP-1, Aluminum	0.4
EntelliGuard® G Low Voltage Power Circuit Breakers	6-2		
WavePro Circuit Breakers with Power+,		Single-Phase TP-1, CopperThree-Phase TP-1, Aluminum	٥-٥
Enhanced MicroVersaTrip Plus and		Three-Phase TP-1, Aluminum	
MicroVersaTrip PM Trip Unit Systems		K-Factor	0-0
WavePro Low Voltage Power Circuit Breakers		Three-Phase TP-1, Aluminum	0.0
OEM Substructures and Substructure Accessories		Three-Phase TP-1, Copper	
Trip Unit Conversion Kits Introduction		K-Factor Low Noise	0-13
ProTrip Conversion Kits for	6.06	Three-Phase TP-1, Aluminum	8_17
ProTrip Conversion Kits for -GE Power Circuit Breakers	6-26	Three-Phase TP-1, Copper	
-1-1-E Power Circuit Breakers	6-27	Low Noise	0-17
-Allis-Chalmers Power Circuit Breakers	6-28	Three-Phase TP-1, Aluminum	8-21
-Westinghouse Power Circuit Breakers		Three-Phase TP-1, Copper	
-ProTrip Rating Plugs MicroVersaTrip Plus and MicroVersaTrip PM Unit	6-30	Noise Isolation - Guard I	
Conversion Kits for		Three-Phase TP-1, Aluminum	8-23
-GE Power Circuit Breakers	6 71	Three-Phase TP-1, Copper	
-I-T-E Power Circuit Breakers	6-33	Noise Isolation – Guard II	
-Westinghouse Power Circuit Breakers		Three-Phase TP-1, Aluminum	
-Allis-Chalmers Power Circuit Breakers		Three-Phase TP-1, Copper	
Asbestos Free Arc Quencher Replacement Kits		Harmonic Mitigating – Guard III	
Electrically Operated Racking Device		Three-Phase TP-1, Copper	8-28
Gerapid High Speed DC Circuit Breakers		Servicenter Mini-Unit Substations –	
Features and Benefits		Integral Transformer and Distribution Center.	8-32
Technical Data		Single-Phase and Three-Phase	
Outline Drawings and Dimensions		Outlines, Dimensions, Wiring Diagrams	
Reference Publications		Totally Enclosed, Nonventilated – TENV	
		Aluminum and Copper	
Section 7: Disconnect Switches and Operating Mechanis	ms	Midtapped	
Premium Duty QMW, Heavy Duty QMR		Aluminum	8-37
Individual Components	7)	Copper	8-38
Factory Assembled Fuse Clips		Drive Isolation	
ructory Assembled Fuse Cilps	/ -4	Three-Phase	8-39



BuyLog® Table of Contents

Accessories and Lugs	8-42	(
Enclosure Parts		ì
Wiring Diagrams		
Dimensions		
Typical Transformer Performance Data	0 43	F
General Purpose Aluminum	8-/16	1
General Purpose Copper		,
K-Factor Aluminum		,
K-Factor Copper		,
General Purpose Transformers in Enclosures	0 43	,
Single-Phase	8-50	1
Buck-Boost Encapsulated Transformers		
Selection Tables		F
Connection Diagrams		
Open Core and Coil Transformers		F
Machine Tool Applications		
· ·		F
Control		•
Options and Fusing Guide		Αv
Wiring Diagrams		
Outlines and Dimensions		Se
CE-Rated	8-/1	Ap
		1
Section 9: Panelboards		-
A-Series® Panelboards		(
Applications	9-3	(
Types	9-4	9
Equipment Ratings	9-5	9
Circuit Breaker Interrupting Ratings	9-6	_ 1
Fusible Switches Load and Interrupting Ratings	9-8	1
Merchandisable Kits and Sizing Information	9-10	1
Terminal Lugs	9-11	
Pricing and Ordering		Dii
Sizing and Pricing	9-14	1
Product Options	9-15	
Type AL (Plug-in)		•
Type AQ (Bolt-on)		9
Type AE (Bolt-on)	9-35	l
Type AL, AQ, AE – Main Molded Case Switch Interiors	9-43	
Type AL, AQ, AE – Main Lighting Contactor Interiors		6
Type AL, AQ, AE – Main Molded Case Switch and		9
Lighting Contactor Panel	9-45	9
Type AD		9
Accessories	9-53	9
Lighting Control Panel—Remote Operated		9
Circuit Breakers	9-55	9
Pro-Stock Panelboards – Unassembled		9
Column – Type ALC (Plug-in)		Pri
Column – Type AQC (Bolt-on)		9
Column – Type AEC (Bolt-on)		
Column – Type ALC, AQC, AEC – Main Molded		(
Case Switch Interiors	9-77	Or
Column – Type ALC, AQC, AEC –		(
Main Molded Case Switch Panels	9-78	(
Column – Fjeld Installed Kits/Replacement		(
Parts/Enclosures	9_79	
Spectra® Series Panelboards		
Factory Assembled Build-Up Pricing	9_21	
PCU Selection		
1 00 3010011011	J-JI	

Circuit Breaker Options	9-92
Interior, Enclosure Options	9-94
How to Size Boxes	9-96
Sizing Information	9-97
Replacement Boxes and Fronts	9-98
Accessories	9-100
Renewal Parts Modular Concept	9-101
Renewal Parts Circuit Breaker Sizing	9-102
Renewal Parts Product Number Structure	9-103
Renewal Parts – Mounting Hardware	9-106
Renewal Parts – Main Lug Modules;	
Neutral and Ground Kits	9-111
Renewal Parts - Accessories	9-112
Renewal Parts – Interiors, Boxes and Fronts	9-113
Renewal Parts – Type SCP Panelboards	9-114
Renewal Parts – Type CCB and QMR Panelboards	9-115
Spectra® Series Integrated Submetering Panelboard	9-118
vailable Publications	9-119

Section 10: Switchboards

application Data	
Merchandised and Metering Switchboards—	
Jiffy II-Spectra®	
Canadian Jiffy III Switchboards	
Commercial Metering Switchboards	
Spectra® Integrated Switchboard Solutions	10-12
Spectra® Series and Class 5 Utility	10-18
Metering Compartments	10-18
Application Data	10-24
Interrupting Ratings	
MicroVersaTrip® Trip Units	10-32
Dimensions Spectra® Series	
Dimensions	10-34
Section Sizing—Individually Mounted Mains	10-36
Section Sizing—Instruments and Meters	10-37
Section Sizing—Utility Metering Compartments	10-38
Low Voltage Transition Sections and	
Dual Voltage Switchboards	10-39
Busway and Conduit Entrance Space	10-40
Section Sizing—NEMA 3R	10-42
Section Sizing—Group Mounted Mains (Plug-In Style)	10-43
Section Sizing—Feeder Sections (Plug-In Style)	10-44
Section Sizing—Main (Plug-In and Bolt-On Style)	10-46
Section Sizing—Group Mounted Mains (Bolt-On Style)	10-47
Section Sizing—Feeder Sections (Bolt-On Style)	10-48
Section Sizing—Automatic Throwover Equipment	10-49
ricing	
Ship Cycle	10-50
Spectra® Series Pricing	
Options and Accessories	10-71
Ordering Directions	10-72
Ordering—Information Sheet	
Ordering—Switchboard Schedule	
Ordering—Switchboard Layout	10-74



Section 11: Busway		GE Fastrac Program – MCC Units Quick Selection Guide,	
Busway Overview		CR8000 and Spectra	
Busway Short-Circuit Ratings		Motor Control Starter Units1	.2-14
Busway Plug Short-Circuit Ratings	11-4	Motor Control Feeder Units1	
Spectra® Series Busway, Sandwich Bus		Renewal Parts1	.2-19
Application and Pricing			
Aluminum Conductors		Section 13: Switchgear—Low Voltage	
Copper Conductors	11-13	Introduction	13-1
Aluminum, Functional Pricing		AKD-10 Low-Voltage Switchgear	13-3
Plus Bar Sizes		AKD-20 Low-Voltage Switchgear	13-3
Straight Lengths and Fittings	11-25		
Spectra® RMS Busway, Sandwich Bus		Section 14: Entellisys® Low-Voltage Switchgear	
Circuit Breaker Busway Plugs		Layout and sizing	14-2
Circuit Breaker with MicroVersa Trip Plus Trip Units	11-31		
Spectra® Series Busway, Sandwich Bus		Section 15: Medium Voltage Equipment	
Plugs, Fusible, Conversion Kits		MV One Line	15 2
Plug Options			15-2
Reducer Cubicles and Special Adapters		Motor Control - Medium Voltage (Limitamp)	1 . 7
Outlines, Dimensions and Weights		Introduction, Features, Types, Options, References Specifications, Ratings, Equipment	.15-3
Power Takeoffs	11-49		1 - /-
Spectra® Series Busway, Low Amp		Reference Publications Product Scope	
Application and Product Numbers			
Aluminum Conductors		Renewal Parts	.15-0
Copper Conductors		Switchgear Type – PowerVac	1 . 0
Circuit Breaker Busway Plugs		Introduction, PublicationsPOWER/VAC Vacuum Metalclad Switchgear,	.15-8
Outlines, Dimensions and Weights	11-71		1
Flex-A-Power® Busway		and Breakers	
Aluminum Conductors	11-75	Characteristics, Symmetrical Rating Basis	
Copper Conductors	11-77	Vacuum Circuit Breakers and Frames	
Type DH Plugs		Switchgear Type – PV System 27 and PV System 381	
Dimensions	11-82	Introduction1	
LW Busway		Weights and Dimensions, Typical Sections	
Replacement Parts, Application and Pricing	11-83	Circuit Breaker Characteristics 1	
Replacement Parts, Dimensions	11-85	Switchgear Type – Arc Resistant1	
Type LTG Plug-in, Application and PricingOutlines and Dimensions	11-87	Introduction	
Outlines and Dimensions	11-89	Type 1 and Type 2 Configuration	
Armor-Clad Busway		Standards, Ratings, and Dimensions, Typical Sections1 Metal Enclosed Load Interrupter Switches	.D-17
Transition Sections and Accessories Pricing	11-90	·	г 10
Busway Plugs Pricing	11-93	Introduction1 Typical User Configurations1	
Busway Plugs Pricing Options and Additions	11-98	Technical Dimensions1	
Flex-A-Power® Busway			
Types FVA, FVK and LVDP, Application and Pricing		Features 1	
Busway Plugs Pricing	11-102	Current-Limiting Power Fuses1	.5-23
Outlines and Dimensions	11-105	0.11.460019.01	
Type DE Busway		Section 16: Power Quality Products	
Plugs for Obsolete DE Busway, Pricing	11-106	Power Quality Services	
		Uninterruptible Power Supplies	
Section 12: Motor Control Centers—Low Voltage		Digital Energy™ IT Series 120 V (600-2000 VA Rackmount	
Motor Control Centers Introduction	12-2	Description, Applications, Features and Benefits	
EVOLUTION SERIES E9000® Key Benefits		Technical Specifications and Dimensions	
Motor Control Centers Features (SC/MC Program)		Product Tables – UPS and Battery Packs	.16-5
GE Fastrac Program – MCC Units Quick Selection Gu		Digital Energy™ IT Series 120 V (600-2000 VA Tower)	
Motor Control Starter Units		Description, Applications, Features and Benefits	
Motor Control Feeder Units		Technical Specifications and Dimensions	
MCC Sections		Product Tables – UPS	.16-7
Renewal Parts			



BuyLog® Table of Contents

Description, Applications, Features and Benefits. 16-8 Technical Specifications and Dimensions. 16-9 Product Tables − UPS 16-9 Digital Energy™ GT Series 120 V (1000-3000 19" Rackmount) Description, Applications, Features and Benefits. 16-10 Technical Specifications and Dimensions. 16-11 Product Tables − UPS and Battery Packs. 16-11 Digital Energy™ LP11U Series 208 V (Single-Phase 5-10 kVA) Description, Features and Benefits 16-12 Technical Specifications and Dimensions. 16-13 Product Tables − UPS and Battery Packs. 16-14 Digital Energy™ LP33U Series 208 V (Three-Phase 10-60 kVA) Description, Features and Benefits 16-14 Digital Energy™ LP33U Series 208 V (Three-Phase 10-60 kVA) Description, Features and Benefits 16-16 Technical Specifications and Dimensions 16-16 Product Tables − UPS and Battery Cabinets 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Description, Features and Benefits 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Description, Features and Benefits 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Description, Features and Benefits 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Descriptions and Dimensions (10-150 kVA) 16-24 Product Tables (10-150 kVA) −UPS, Battery Cabinets, Transformers and Bypass Panels 16-26 Technical Specifications and Dimensions (225-300 kVA) 16-31 Product Tables (225-300 kVA) 1-UPS, Battery Cabinets, Transformers and Bypass Panels 16-32 Technical Specifications and Dimensions (400-500 kVA) 16-34 Product Tables (400-500 kVA) −UPS, Battery Cabinets, Transformers and Bypass Panels 16-34 Software and Connectivity Products (10-500 kVA) 16-34 Product Tables (400-500 kVA) −UPS, Battery Cabinets, Transformers and Bypass Panels 16-34 Software and Connectivity Products (10-500 kVA) 16-37 Services and Commissioning (10-500 kVA) 16-39 Introduction 16-39 Introduction 16-39 Introduction 16-39 Integrated TRANQUELL® ME (to connect with 6F 2n' Series Dairibution Equipment) 16-41 TRANQUELL® ME and ME (Wall Mount) 16-51 TRANQUELL®	Digital Energy™ GT Series 120 V (1000-3000 VA Tower)	
Product Tables – UPS		
Digital Energy™ GT Series 120 V (1000-3000 19" Rackmount) Description, Applications, Features and Benefits 16-10 Technical Specifications and Dimensions 16-11 Product Tables – UPS and Battery Packs 16-11 Digital Energy™ LP11U Series 208 V (Single-Phase 5-10 kVA) Description, Features and Benefits 16-12 Technical Specifications and Dimensions 16-13 Product Tables – UPS and Battery Packs 16-14 Digital Energy™ LP33U Series 208 V (Three-Phase 10-60 kVA) Description, Features and Benefits 16-16 Technical Specifications and Dimensions 16-16 Product Tables – UPS and Battery Cabinets 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Description, Features and Benefits 16-16 Product Tables – UPS and Battery Cabinets 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Description, Features and Benefits 16-22 Technical Specifications and Dimensions (10-150 kVA)16-24 Product Tables (10-150 kVA) – UPS, Battery Cabinets, Transformers and Bypass Panels 16-26 Technical Specifications and Dimensions (225-300 kVA)16-31 Product Tables (225-300 kVA) – UPS, Battery Cabinets, Transformers and Bypass Panels 16-32 Technical Specifications and Dimensions (400-500 kVA)16-34 Product Tables (2400-500 kVA) – UPS, Battery Cabinets, Transformers and Bypass Panels 16-32 Technical Specifications and Dimensions (400-500 kVA)16-34 Product Tables (400-500 kVA) – UPS, Battery Cabinets, Transformers and Bypass Panels 16-32 Technical Specifications and Accessories (10-500 kVA)16-36 Spare Parts, Options and Accessories (10-500 kVA)16-37 Services and Commissioning (10-500 kVA)16-37 Services and Commissioning (10-500 kVA)16-38 Surge Protection (TVSS)16-39 Introduction16-39 Introduction16-39 Integrated TRANQUELL® ME (to connect with GE "A" Series Distribution Equipment)16-40 TRANQUELL® HE and ME (Wall Mount)16-57 Communication/Alarm Surge Protector16-59 Protection Block Assembly16-60 ATS (Specification) / ZTS Series16-61 ATS (Residential) / ZTS Series16-62 ATS (C		
Description, Applications, Features and Benefits	Product Tables – UPS	16-9
Technical Specifications and Dimensions		
Product Tables – UPS and Battery Packs		
Digital Energy™ LP11U Series 208 V (Single-Phase 5-10 kVA) Description, Features and Benefits 16-12 Technical Specifications and Dimensions 16-13 Product Tables – UPS and Battery Packs 16-14 Digital Energy™ LP33U Series 208 V (Three-Phase 10-60 kVA) Description, Features and Benefits 16-16 Technical Specifications and Dimensions 16-16 Product Tables – UPS and Battery Cabinets 16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) Description, Features and Benefits 16-22 Technical Specifications and Dimensions (10-150 kVA) 16-24 Product Tables (10-150 kVA) – UPS, Battery Cabinets, 16-26 Technical Specifications and Dimensions (10-150 kVA) 16-24 Product Tables (10-150 kVA) – UPS, Battery Cabinets, 16-26 Technical Specifications and Dimensions (225-300 kVA) 16-31 Product Tables (225-300 kVA) – UPS, Battery Cabinets, 16-32 Technical Specifications and Dimensions (400-500 kVA) 16-34 Product Tables (400-500 kVA) – UPS, Battery Cabinets, 16-32 Technical Specifications and Dimensions (400-500 kVA) 16-34 Product Tables (400-500 kVA) – UPS, Battery Cabinets, 16-34 Software and Connectivity Products (10-500 kVA) 16-36 Spare Parts, Options and Accessories (10-500 kVA) 16-36 Spare Parts, Options and Accessories (10-500 kVA) 16-37 Services and Commissioning (10-500 kVA) 16-38 Surge Protection (TVSS) 16-39 Introduction 16-39 Introduction 16-39 Integrated TRANQUELL® ME (to connect with 6E "A"Series Panelboards) 16-39 Integrated TRANQUELL® HE and ME (for GE Distribution Equipment) 16-44 TRANQUELL® 9X and 24X (Box Extensions for GE "A" Series Distribution Equipment) 16-47 TRANQUELL® HE and ME (Wall Mount) 16-51 TRANQUELL® HE and ME (Wall Mount) 16-57 Communication/Alarm Surge Protector 16-59 Protection Block Assembly 16-60 Automatic Transfer Switches 16-64 ATS (Residential) / ZTX Series 16-64 ATS (Series Distribution Equipment) 16-69 Protection Block Assembly 16-69 Energy Commander 16-91 System Applications 16-94 Section 17: Telecommunication Hardware Introduction 17-2		
Description, Features and Benefits		
Technical Specifications and Dimensions		
Product Tables – UPS and Battery Packs		
Digital Energy™ LP33U Series 208 V (Three-Phase 10-60 kVA) Description, Features and Benefits .16-16 Technical Specifications and Dimensions .16-18 Product Tables – UPS and Battery Cabinets .16-18 Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA) .16-22 Description, Features and Benefits .16-22 Technical Specifications and Dimensions (10-150 kVA) .16-24 Product Tables (10-150 kVA) – UPS, Battery Cabinets, .16-26 Transformers and Bypass Panels .16-31 Product Tables (225-300 kVA) – UPS, Battery Cabinets, .16-32 Transformers and Bypass Panels .16-34 Product Tables (400-500 kVA) – UPS, Battery Cabinets, .16-34 Transformers and Bypass Panels .16-34 Software and Connectivity Products (10-500 kVA) .16-34 Software and Connectivity Products (10-500 kVA) .16-36 Spare Parts, Options and Accessories (10-500 kVA) .16-37 Services and Commissioning (10-500 kVA) .16-38 Surge Protection (TVSS) .16-39 Introduction .10-39 Integrated TRANQUELL® ME (to connect with GE "A"Series Panelboards) .16-40		
Description, Features and Benefits		
Technical Specifications and Dimensions		
Product Tables – UPS and Battery Cabinets		
Digital Energy™ SG Series 480 V (Three-Phase 10-750 kVA)Description, Features and Benefits16-22Technical Specifications and Dimensions (10-150 kVA)16-24Product Tables (10-150 kVA) –UPS, Battery Cabinets, Transformers and Bypass Panels16-26Technical Specifications and Dimensions (225-300 kVA)16-31Product Tables (225-300 kVA) –UPS, Battery Cabinets, Transformers and Bypass Panels16-32Technical Specifications and Dimensions (400-500 kVA)16-34Product Tables (400-500 kVA) –UPS, Battery Cabinets, Transformers and Bypass Panels16-34Software and Connectivity Products (10-500 kVA)16-36Spare Parts, Options and Accessories (10-500 kVA)16-36Spare Parts, Options and Accessories (10-500 kVA)16-37Services and Commissioning (10-500 kVA)16-38Surge Protection (TVSS)16-39Introduction16-39Integrated TRANQUELL® ME(for GE ProStock Panelboards)16-40Integrated TRANQUELL® ME (to connect with GE "A"Series Panelboards)16-42Integrated TRANQUELL® ME (to connect with16-42GE "A" Series Distribution Equipment)16-44TRANQUELL® AS and 24X (Box Extensions for GE "A" Series Distribution Equipment)16-47TRANQUELL® HE and ME (Wall Mount)16-51TRANQUELL® HE and ME (Wall Mount)16-51TRANQUELL® ME and LE (Wall Mount)16-51TRANQUELL® ME and LE (Wall Mount)16-51TRANQUELL® ME and LE (Wall Mount)16-50Automatic Transfer Switches16-60ATS (Residential)		
Description, Features and Benefits		
Product Tables (10-150 kVA) -UPS, Battery Cabinets, Transformers and Bypass Panels		
Product Tables (10-150 kVA) -UPS, Battery Cabinets, Transformers and Bypass Panels		
Technical Specifications and Dimensions (225-300 kVA)16-31 Product Tables (225-300 kVA)) -UPS, Battery Cabinets, Transformers and Bypass Panels		
Product Tables (225-300 kVA)) –UPS, Battery Cabinets, Transformers and Bypass Panels	Transformers and Bypass Panels	.16-26
Transformers and Bypass Panels		.16-31
Technical Specifications and Dimensions (400-500 kVA)		
Product Tables (400-500 kVA) –UPS, Battery Cabinets, Transformers and Bypass Panels		
Transformers and Bypass Panels		.16-34
Software and Connectivity Products (10-500 kVA)		
Spare Parts, Options and Accessories (10-500 kVA)		
Services and Commissioning (10-500 kVA) 16-38 Surge Protection (TVSS) 16-39 Introduction 16-39 Integrated TRANQUELL® ME (for GE ProStock Panelboards) 16-40 Integrated TRANQUELL® ME (to connect with GE "A"Series Panelboards) 16-42 Integrated TRANQUELL® HE and ME (for GE Distribution Equipment) 16-44 TRANQUELL® 9X and 24X (Box Extensions for GE "A" Series Distribution Equipment) 16-51 TRANQUELL® HE and ME (Wall Mount) 16-51 TRANQUELL® ME and LE (Wall Mount) 16-57 Communication/Alarm Surge Protector 16-59 Protection Block Assembly 16-60 Automatic Transfer Switches 16-61 ATS (Residential) / ZTX Series 16-62 ATS (Commercial) / ZTS Series 16-73 Paralleling Switchgear 16-90 Energy Commander 16-91 System Applications 16-92 Ordering Information 17-1 Fiber Closure Hardware 17-2		
Surge Protection (TVSS)		
Introduction		
Integrated TRANQUELL® ME (for GE ProStock Panelboards)		
(for GE ProStock Panelboards)16-40Integrated TRANQUELL® ME (to connect with GE "A"Series Panelboards)16-42Integrated TRANQUELL® HE and ME (for GE Distribution Equipment)16-44TRANQUELL® 9X and 24X (Box Extensions for GE "A" Series Distribution Equipment)16-47TRANQUELL® HE and ME (Wall Mount)16-51TRANQUELL® ME and LE (Wall Mount)16-57Communication/Alarm Surge Protector16-59Protection Block Assembly16-60Automatic Transfer Switches16-61ATS (Residential) / ZTX Series16-62ATS (Commercial) / ZTG Series16-64ATS (Specification) / ZTS Series16-73Paralleling Switchgear16-90Energy Commander16-91System Applications16-92Ordering Information16-94Section 17: Telecommunication HardwareIntroduction17-1Fiber Closure Hardware17-2		.10-39
Integrated TRANQUELL® ME (to connect with GE "A"Series Panelboards)	Integrated TRANQUELL ME	16 /10
GE "A"Series Panelboards)		.10-40
Integrated TRANQUELL® HE and ME (for GE Distribution Equipment)	GE "A"Series Panelhoards)	16-42
TRANQUELL® 9X and 24X (Box Extensions for GE "A" Series Distribution Equipment) 16-47 TRANQUELL® HE and ME (Wall Mount) 16-51 TRANQUELL® ME and LE (Wall Mount) 16-57 Communication/Alarm Surge Protector 16-59 Protection Block Assembly 16-60 Automatic Transfer Switches 16-61 ATS (Residential) / ZTX Series 16-62 ATS (Commercial) / ZTG Series 16-64 ATS (Specification) / ZTG Series 16-73 Paralleling Switchgear 16-90 Energy Commander 16-91 System Applications 16-92 Ordering Information 16-94 Section 17: Telecommunication Hardware Introduction 17-1 Fiber Closure Hardware 17-2	Integrated TRANOLIFLI® HE and ME	.10 42
TRANQUELL® 9X and 24X (Box Extensions for GE "A" Series Distribution Equipment) 16-47 TRANQUELL® HE and ME (Wall Mount) 16-51 TRANQUELL® ME and LE (Wall Mount) 16-57 Communication/Alarm Surge Protector 16-59 Protection Block Assembly 16-60 Automatic Transfer Switches 16-61 ATS (Residential) / ZTX Series 16-62 ATS (Commercial) / ZTG Series 16-64 ATS (Specification) / ZTG Series 16-73 Paralleling Switchgear 16-90 Energy Commander 16-91 System Applications 16-92 Ordering Information 16-94 Section 17: Telecommunication Hardware Introduction 17-1 Fiber Closure Hardware 17-2	(for GF Distribution Equipment)	16-44
GE "A" Series Distribution Equipment)	TRANOUELL® 9X and 24X (Box Extensions for	
TRANQUELL® HE and ME (Wall Mount)		.16-47
TRANQUELL® ME and LE (Wall Mount)		
Communication/Alarm Surge Protector 16-59 Protection Block Assembly 16-60 Automatic Transfer Switches 16-61 ATS (Residential) / ZTX Series 16-62 ATS (Commercial) / ZTG Series 16-64 ATS (Specification) / ZTS Series 16-73 Paralleling Switchgear 16-90 Energy Commander 16-91 System Applications 16-92 Ordering Information 16-94 Section 17: Telecommunication Hardware Introduction 17-1 Fiber Closure Hardware 17-2		
Automatic Transfer Switches	Communication/Alarm Surge Protector	.16-59
Automatic Transfer Switches	Protection Block Assembly	.16-60
ATS (Commercial) / ZTG Series 16-64 ATS (Specification) / ZTS Series 16-73 Paralleling Switchgear 16-90 Energy Commander 16-91 System Applications 16-92 Ordering Information 16-94 Section 17: Telecommunication Hardware Introduction 17-1 Fiber Closure Hardware 17-2	Automatic Transfer Switches	.16-61
ATS (Specification) / ZTS Series	ATS (Residential) / ZTX Series	.16-62
Paralleling Switchgear 16-90 Energy Commander 16-91 System Applications 16-92 Ordering Information 16-94 Section 17: Telecommunication Hardware Introduction 17-1 Fiber Closure Hardware 17-2	ATS (Commercial) / ZTG Series	.16-64
Energy Commander	ATS (Specification) / ZTS Series	.16-73
System Applications	Paralleling Switchgear	.16-90
Section 17: Telecommunication Hardware Introduction		
Section 17: Telecommunication Hardware Introduction		
Introduction	Urdering Information	.16-94
Introduction	Section 17: Telecommunication Hardware	
Fiber Closure Hardware17-2		17_1

Section 18: GE Multilin

Protection & Control	
Protection & Control Product Families	18-3
UR Family Protection System	
SR Enhanced Drawout Protection System	
650 Mid-range Protection System	
MII Modular Protection System	Ī8-18
Generator Protection	18-23
Generator Protection & Selector Guide	
G60 Medium to Large Generator Protection	18-25
G30 Combined Generator and Transformer Protection.	18-27
489 Small to Medium Generator Protection	
G650 Distributed Generator Protection	
W650 Wind Turbine Generator Protection	
MIG II Small Generator Protection	
Transformer Protection & Selector Guide	
T60 Medium to Large Transformer Protection	
T35 6 Winding Transformer Protection	
745 Medium to Large Transformer Protection	
Transmission Line Protection	
Transmission Protection & Selector Guide	
L90 Line Current Differential Protection	
L60 Phase Comparison Protection	
D90 ^{Plus} Sub-Cycle Distance Protection	
D60 Distance Protection	
D30 Backup Distance Protection	
Bus Protection	
Bus Protection & Selector Guide	
B90 Multiple Section Busbar Protection	
B30 Busbar Protection	18-61
MIB High Impedance Busbar Protection	18-63
HID High Impedance Auxiliary Protection Module	
Distribution Feeder Protection	
Distribution Feeder Protection & Selector Guide	
F60 Feeder Protection with Hi-Z Detection	
F35 Multiple Feeder Protection	
750/760 Comprehensive, Draw Out Feeder Protection .	
F650 Feeder/Bay Protection	
735/737 Three-Phase and Ground Feeder Protection	
MIF II Economical Feeder Protection with Recloser	
FM2 Low Voltage Feeder Protection	
URC Feeder Recloser System	
Motor Protection & Selector Guide	
M60 Medium to Large Motor Protection	
469 Medium to Large Motor Protection	
369 Small to Medium Motor Protection	
269Plus Small to Medium Motor Protection	
239 Small to Medium Motor Protection	
MM300™ Low Voltage Motor Management	
MM2 Low Voltage Motor Management	
SPM Synchronous Motor Protection	
Specialized Protection, Control and Recording	
C60 Breaker Monitoring and Control	
C30 I/O Logic Controller	18-97
N60 Network Stability and Synchrophasor Measurement	



C/O Capacitor Bank Protection	
MIV II Voltage/Frequency Protection	
MIN II Ground Protection	
RRTD Remote RTD Metering Module for the 369	18-105
DDFR Distributed Digital Fault Recorder	18-106
Single Function Protection Relays	18-108
Single Function Auxiliary Relays	18-119
Metering	
Digital Metering	18-121
Digital Metering Family Overview	18-122
EPM 9800 Socket Mounted Power Quality Meter	18-123
EPM 9000 Advanced Power Quality Meter	
PQM II Power Quality Meter	
EPM 6000 Revenue Class Power Meter	
EPM 2000 Power Meter	18-129
EPM 4000 Multi-tenant Sub-Metering System	
EPM 1000 Single-point Sub-Metering System	
Communications	
Multiplexers	18-134
Multiplexer Family Overview	
JMUX SONET Multiplexer	
JMUX T1 Multiplexer	
TN1U SDH Multiplexer	
TN1Ue SDH Enhanced Multiplexer	
VistaNET® Network Management Software	
MDS Wireless Solutions	
Ethernet Switches	
Multilink Family Overview	
ML2400 19" Rack-mounted Managed Switch	
ML1600 9" Panel-mounted Managed Switch	
ML600 Unmanaged Compact Switch	
Media & Protocol Converters	18-149
MultiNet® RS485 to Ethernet	18-150
Media & Protocol Converters	18-151
Dawar Canaina	
Instrument Transformers	18-152
Current Transformers	18-152
Low Voltage Potential Transformers	18-155
Bushing Current Transformers	18-156
Medium Voltage Instrument Transformers	18-156
Control Power Transformers	18-157
Current Transducers	18-157
IEC Rated Instrument Transformers	18-158
Accessories	
Switches	20 203
SB-1, SB-9, Series 95	18-159
SB-10, SBM, FT, RT Test Switch	
Test Equipment	10 100
515, PK2, XCA, XLA	18-161
Terminal Blocks	10 101
116B407, EB-25, EB-26, EB-27, IKU, EB-1, EB-2, EB	-4 18-161
Indicator Lights	10 101
ET-16, ET-16 LED, ET-17	18-161
Test Equipment	
RTT Desktop Test Set	18-162

Software	
EnerVista® Suite	
Launchpad Device Setup & Document Management	18-165
Viewpoint Engineer Control Logic Creator &	10.655
Commissioning Toolset	18-168
Viewpoint Maintenance Device Health &	10 172
Security Reporting	18-172
Viewpoint Monitoring & Data Recording	
Integrator OPC/DDE Communications Server Value Added Services	10-100
Value Added Services Value Added Services	10_100
Energy Management Systems	18-189
Advanced Training Services	18-191
Consulting Services	
Packaged Solutions	18-195
Product Upgrades And Replacements	10 150
Product Upgrades and Replacements	18-196
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Section 19: Meters and Instrument Transformers	
Three-Phase Metering	19-2
Instrument Transformers, 600 Volt	
Instrument Transformers, 2.5-69 kV	
Section 20: Capacitors, Arresters and Harmonic Filters	S
Line/Load Reactors—up to 600V	
Line/Load Reactors—Three-phase Reactors	
Matrix Series D Harmonic Filters	
Protective Capacitors for AC Rotating Machines	20-11
Fixed Motor and Pump Capacitors	
Fixed Low Voltage Power Factor Correction	
Capacitors	20-15
Fixed Low Voltage Power Factor Correction	
with Harmonic Filter Equipment	20-24
Automatic Fast-Switching LV Power	
Factor Correction Capacitors	
Automatic LV Power Factor Correction Capacitors	20-30
Automatic LV Power Factor Correction	20.77
Capacitors and Harmonic Filter Equipment	20-33
Fixed MV Power Factor Correction Capacitors	
High Voltage Capacitor Units, Single-	20-37
and Three-Phase	20-/10
High Voltage Pole-Mounted, Open Stack-Rack	20-40
and Metal Enclosed Equipment	20-/1/1
Capacitor Oil Switches	
OEM High Energy Surge Protectors	
TRANQUELL®, Motor Surge Protectors—	20 17
Motor and Generator Surge Protection Equipment	20-49
Secondary Surge Arresters and Protective Capacitors	
Series 9L15F	20-50
HV Station Arresters—Polymer and Porcelain	
HV Intermediate Arresters—Polymer	
Station and Intermediate Arresters—Outline Drawings	
Station and Intermediate Class Arrestors—Accessories	
Distribution and Riser Pole Arresters	20-65



BuyLog® Table of Contents

Introduction

Section	21: Distribution	Transformers-Medium
and Hig	h Voltage	

Secondary Substation – SST	21-2
Three-phase Padmounted – PADS	
Single-Phase Pole-Mounted – POLES	21-6
Network Transformers	21-9
Voltage Regulators	
VR-1	21-10
Bushing Potential Devices	21-13

Section	22.	CE	Dub	lication	Indov
section	८८ :	GE	Pub	lication	ınaex

Pul	blicat	tion	s Inde	2X	 	 		 	 22-
				_	_		_		

Section 23: Time Current Curves and Outline Drawings

Time Current Curves	23-2
Outline Drawings	23-5

Section 24: Product Index

roduct	Index	ζ				24-1
ouuct	mach		•••••	• • • • • • • • • • • • • • • • • • • •	 •••••••	

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- Arc-flash hazard analyses
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Parts Super Center parts coverage

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- OCB Oil Circuit Breaker Parts
- ATB Circuit Breaker Parts

Burlington Switchgear Plant

- AK/AKR Breaker Parts
- PowerVac Breaker Parts
- WavePro Breakers
- Entellisys® Breaker Parts & Test Kits

Mebane Plant

- 7700/8000 Line Motor Control Center Parts
- Limitamp Starter Parts

Mature Designs

- TEL Breakers
- TEML Breakers
- TFL Breakers
- TLB4 Breakers
- TJL, TJH Breakers
- TKL, TKH Breakers
- TJ4V, THJ4V, TJL4V Breakers
- TK4V, TKL4V Breakers
- Power Break® I Breakers and Accessories

Transformers

Rome Plant

- Primary Substation Parts
- Load Tap Changers (Complete units and parts)
- Replacement Units

- Pittsfield Plant
- Primary Substation Parts
- Load Tap Changer Parts

Hickory Plant

- Bushing Potential Devices Complete units
- Inductrol Regulator Complete units and parts
- Step Voltage Regulator Parts

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Salem Plant

- Rainbow Catalog Components
- Drive Boards

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Entellisys[®] Low-Voltage Switchgear Saving money over the lifetime of your system.

Entellisys® Low-Voltage Switchgear is the first system to provide the power of knowledge about the entire switchgear lineup. This power can be used to improve protection, shorten installation time, keep operators out of the arc flash zone, reduce maintenance and adapt to a facility's changing needs. Entellisys® is a great solution in critical applications such as data centers, hospitals, petro/chem facilities and airports around the world. Check it out in Section 14.

Introduction

Medium Voltage Switchgear For the full range of applications.

Reaching from 4.76kV to 38kV and including leading-edge arc resistant technology across the line, GE – in concert with Powell – now delivers medium voltage switchgear solutions for every application, everywhere. The scope of the combined line is matched by the depth of the engineering and the exceptional level of performance and reliability. For the details, see Section 15.



Submetering Panelboards The panelboard with multi-tenant digital metering.

GE's fully-integrated solution maximizes valuable real estate by combining meters, current transformers, communications and overload protection into a single UL Listed, factory-assembled panel. It requires only a fraction of the space needed for traditional modular metering, and it's lighter, more flexible, faster and easier to install than conventional utility metering. Learn more in Section 9.



Combination Arc Fault Circuit Interrupters Five kinds of protection.

An arc fault circuit interrupter (AFCI) detects arc faults and de-energizes the circuit before they can start a fire. And GE combination AFCIs offer five kinds of protection: parallel protection, ground protection, series protection, overload protection and short circuit protection. They fulfill UL1699 and 2008 National Electrical Code requirements in an easy-to-install 1" standard breaker package. Turn to Section 1 for more information.



BuyLog® What's New in the BuyLog®

Guard III Harmonic Mitigating Transformers Your guard against poor power quality.

Power supplies that convert AC to DC current generate harmonics that create such problems as overheated transformers, motors and neutral wires; nuisance breaker trips; and electronic equipment malfunction and failure. Guard III harmonic mitigating transformers help eliminate harmonic currents and minimize these types of problems. In addition, by canceling harmonic currents, they reduce energy losses so you save money. Find this advance in Section 8.



Remote Racking Device Taking you outside the arc flash boundary.

The remote racking device – long used with medium voltage equipment – is now available for low-voltage switchgear. It connects to WavePro™ or Entelliguard® breakers to allow the maintenance person to rack a drawout type breaker in or out from up to 30 feet away – outside the arc flash boundary. The 115VAC motor-driven gearbox attaches easily to the front of the breaker with a sliding latch connection. Take a look in Section 6.



Gerapid High Speed DC Circuit Breakers They keep people and industry on the move.

Gerapid DC circuit breakers deliver the unwavering reliability and the technology 21st century systems require. These single-pole breakers are suitable for protection of mains and semiconductors (converters/rectifiers) in a variety of railway and industrial applications. The feeder and rectifier breakers come with operating currents up to 8,000ADC and operating voltages up to 3,600VDC. See technology in motion in Section 6.



TP-1 Transformers New standards for efficiency - and quality!

In addition to meeting new TP-1 efficiency standards for transformers 15kVA and above, GE transformers are setting new standards for quality in design, manufacturing and testing. Every one must pass tests on a range of measurements, including one requiring it to be the quietest of its type that GE has ever built. You'll get the highest initial quality and years of trouble-free operation. That's why we've doubled the length of our previous one-year warranty. The whole family of GE transformers is in Section 8.





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Introduction