

Selected Transmission, Distribution and Industrial Protection and Control Product Models, Firmware / Software Versions

End-of-Manufacturing Notice

GE Publication Number: GER-4820

Issue Date: February 28, 2018

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Background

GE Grid Solutions is committed to customer care and the support of our products. As part of this commitment, GE strives to design high quality products, provide knowledge support teams, and to communicate the availability of new features or products as well as the pending discontinuation of manufacturing for older products or design variants.

GE Grid Solutions is discontinuing the manufacture and sale of several legacy models, and/or firmware versions, as described in the pages that follow.

Table 1 presents products for which the order book has closed since the issuance of the last end-of-manufacturing notice. Table 2 presents products for which a last time buy window has been announced and remains open.

Last-Time Buy Window

Customers who wish to migrate or extend their existing installed base of products as referenced in this notice are recommended to transition to the alternative products shown, which provide considerable advances in protection, control, automation, and communications functionality. Such a transition allows users to benefit from later and more current hardware technology and new firmware features.

This document outlines the strategy for affected products - within your organization please plan now the purchase of any additional or spare devices that you feel you may need. Such orders should be routed to us prior to the date shown, with the last dispatch date expected no later than quoted in the table.

Support Timeframe

GE is committed to supporting our customers' protection and control needs. GE's warranty provision is unaffected by this End-of-Manufacturing Notification. After the published last order dates elapse, a repair service follows, which extends to repairing failed components and modules, but not to providing a newly-produced finished identical product or new module as a replacement/spare.

Customers should contact GE if they need further information concerning the level of service that is provided on a per product basis.

Recommended Alternative Products

Visit our website at <http://www.gegridsolutions.com/multilin/selector/> for more information about alternative products.

For Additional Information

Please note that this notice does not show the status of all products – products that appeared in Table 1 (Order Book Closed) previously are not repeated here.

If we can provide assistance with migration to new products, please contact us for help. Advice and assistance is also available via:

<http://www.gegridsolutions.com/contact.htm?loc=3> or

<http://www.gegridsolutions.com/multilin>

TABLE 1: OBSOLETION DATES: ORDER BOOK CLOSED

PRODUCT	ORDERING STATUS	ALTERNATIVE
DISTRIBUTION AUTOMATION		
DGCC	Order Book Closed	
DGCR	Order Book Closed	R650 Recloser Controller used with G&W Viper reclosers
DGCS	Order Book Closed	
DGCV	Order Book Closed	KVGC
DISTRIBUTION & INDUSTRIAL		
239 MOD 509 (120 VAC directional ground)	Order Book Closed	
339, 345 and 350 communication option 2E (Order codes 3*****2E**)	Order Book Closed	339, 345 and 350 communication option 3E (Order codes 3*****3E**)
F650 display options with RS232 (Order codes F650***F*G****)	Order Book Closed	F650 display options with USB (Order codes F650***F*G****E)
F650 and C650 models 650**G/H/J/K/M firmware versions: 7.00 up to 7.52	Order Book Closed	C650 and F650 firmware versions: 7.60 or later
735	Order Book Closed	350 or 850 feeder relays
737	Order Book Closed	850 feeder relay
845, 850, 869, 889 Communication options: 2A (Advanced+IEC61850) and 2E (Advanced+PRP+IEC61850) on firmware versions 2.0 and higher Order codes: 8*****2A**** 8*****2E****	Order Book Closed	845, 850, 869, 889 Communication options: 3A (Advanced+Extended IEC61850) or 3E (Advanced+PRP+Extended IEC61850) respectively on firmware versions 2.0 and higher Order codes: 8*****3A**** 8*****3E****
FM2 and SFM2	Order Book Closed	350 or P14N feeder relays
MIGII	Order Book Closed	339, 345, 850 or P40 Agile relays

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PRODUCT	ORDERING STATUS	ALTERNATIVE
MINII	Order Book Closed	350 Feeder relay
MIWII	Order Book Closed	350 feeder relay or 889 generator relay
MEASUREMENT & NETWORKING		
M65x range of meters	Order Book Closed	EPM 7000 power quality meter
M66x range of meters	Order Book Closed	EPM 7000 power quality meter
ML810 compact hardened managed 8-port Ethernet switch EL (2x10FL / 2x100FX) and EM (4x10FL) port module options	Order Book Closed	Convert to 100Mbit and Gigabit ports
ML1200 C7 (2x10Mbit) port module option	Order Book Closed	Convert to 100Mbit and Gigabit ports
ML3000/ML3001 D (2x10Mbit) port module option for slots 3-10	Order Book Closed	Convert to 100Mbit and Gigabit ports
ML3100/ML3101 D (2x10Mbit) port module option for slots 5-8	Order Book Closed	Convert to 100Mbit and Gigabit ports
MU320. firmware 02.	Order Book Closed	Firmware 03
Reason RPV311, Firmware 11 and 12	Order Book Closed	Firmware 13
Reason RT430, RT431 and RT434 firmware 05 and 06	Order Book Closed	Firmware 08
Reason RT430 hardware A (GPS only)	Order Book Closed	Reason RT430 hardware B (GPS/GLONASS)
Reason S20 switch. firmware 02, 03 and 04	Order Book Closed	Firmware 06
Reason T1000 switch	Order Book Closed	Reason S20 switch
MIDOS		
MVAJ17, 24, 28, 29, 31	Order Book Closed	MVAJ05x/10x/20x range of tripping relays
MVAW02	Order Book Closed	Option for 24/27V DC auxiliary supply. Other voltage options are still available.
MCTH All models	Order Book Closed	Feature within the P54x Agile line of differential relays
MODULEX		
MX3AJ30A and F	Order Book Closed	P40 Agile, P14x, P34x
MX3AJM	Order Book Closed	Agile Motor P24NM, P24DM
MX3AM0A	Order Book Closed	P14NB Agile
MX3AM30A	Order Book Closed	P14NB or P154
MX3AMD0A	Order Book Closed	P14DA or P14DB
MX3AMD016A	Order Book Closed	P14DA or P14DB
MX3AMD3A	Order Book Closed	P14DA or P14DB
MX3AMD20A	Order Book Closed	P14DA or P14DB
MX3AMD30A	Order Book Closed	P14DA or P14DB
MX3DPG3A	Order Book Closed	P343, P652 or 889 relays

PRODUCT	ORDERING STATUS	ALTERNATIVE
MX3DPT3A	Order Book Closed	P642, P652 or 345 relays
MX3DVZ3A	Order Book Closed	P141-P145 with buswire supervision, MCAG34, MFAC34
MX3EG1A	Order Book Closed	P14DG, P14x
MX3EG1A.12H2S	Order Book Closed	P14DG, P14x
MX3EG2B	Order Book Closed	P14DL or P94VP
MX3EG2B.12H2S	Order Book Closed	P14DL or P94VP
MX3IPD	Order Book Closed	P40 Agile, P14x
MX3IPG1A	Order Book Closed	P342
MX3P3A	Order Book Closed	P14x
MX3R1A	Order Book Closed	P94VR
MX3VIC30A & F	Order Book Closed	P94VB, P34x
MX3VIR016B	Order Book Closed	P94VB
MX3VIR30A	Order Book Closed	P94VB
MX3DPT3A	Order Book Closed	P642, P652 or 345 relays
MX3IPG2A + X2/IPG2A	Order Book Closed	P342, P343, P344, P345, P346 + P391 or G60 + GPM-F
X3/DVZ3R	Order Book Closed	Metrosils and stabilizing resistor available with MCAG/MFAC and MiCOM relays
PALLAVARAM DOMESTIC		
MVAJM14 with 8 contacts	Order Book Closed	MVAJM14 with 10 contacts
VAX31 old variants	Order Book Closed	VAX31 with 2M/2B contacts and 110/220VDC
PRIMA		
PRiMA relay - gold plated contact option (Order codes PR*****G)	Order Book Closed	Standard contacts available (silver) (Order codes PR*****H)
SUBSTATION AUTOMATION		
DAPmini Substation Data Management Unit	Order Book Closed	D20MX Substation Controller
DAP-100 Substation Data Management Unit	Order Book Closed	DAP-AT or DAP-416 Substation Server
DAP-300 Substation Data Management Unit	Order Book Closed	DAP-AT or DAP-416 Substation Server
DAP-SEL	Order Book Closed	DAP-AT or DAP-416 Substation Server
DAP-UNOP-1618D	Order Book Closed	Advantech ECU-1618D 8-port RS-232/422/485
DAP-UNOP-1628D	Order Book Closed	Advantech ECU-1628D 8-port RS-232/422/485

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PRODUCT	ORDERING STATUS	ALTERNATIVE
UR		
UR firmware versions: 5.48, 5.49, 5.54, 5.61, 5.71, 5.72, 5.81, 5.83, 5.92, and 6.00 to 6.04	Order Book Closed	UR firmware versions: 6.05,7.26 (IEC61850 Ed. 1), 7.60 or later (IEC61850 Ed. 2)

TABLE 2: OBSOLESCENCE DATES: PLANNED

PRODUCT	LAST ORDER DATE	LAST DELIVERY DATE	ALTERNATIVE
DISTRIBUTION & INDUSTRIAL			
239 (excluding the already obsoleted MOD 509 120 VAC directional ground)	9th July 2019	31st December 2019	339 or 869 relays
3 Series non-drawout models: P1/G1 or S1 (1A inputs) and P5/G5 or S5 (5A inputs)	29th June 2018	28th September 2018	P0/G0 or S0 or universal CT inputs on non-drawout models across the 3 Series platform
469	9th July 2019	31st December 2019	869 motor relay
489	9th July 2019	31st December 2019	889 generator relay
745	9th July 2019	31st December 2019	845 transformer relay
750	9th July 2019	31st December 2019	850 feeder relay
760	9th July 2019	31st December 2019	850 feeder relay
A60	1st October 2018	31st December 2018	350 or 8 Series relays
MIB	1st October 2018	31st December 2018	P145
MIFII	1st October 2018	31st December 2018	350 feeder relay
MIVII	1st October 2018	31st December 2018	350 feeder relay
E/M RELAYS			
IBCG All models	1st October 2018	31st December 2018	350, P14D feeder relays
IBCV All models	1st October 2018	31st December 2018	350, P14D feeder relays
ICR All models	1st October 2018	31st December 2018	P94V digital voltage/frequency relay
IFV All models	1st October 2018	31st December 2018	P94V digital voltage/frequency relay
IJS All models	1st October 2018	31st December 2018	889 generator relay
JBC All models	1st October 2018	31st December 2018	350, P14D feeder relays
JBCG All models	1st October 2018	31st December 2018	350, P14D feeder relays
JBCV All models	1st October 2018	31st December 2018	350, P14D feeder relays
MBCI MBCI02 model	9th July 2018	31st October 2018	MBCI01, MHOR or P54A
MSTZ MSTZ02 model	1st October 2018	31st December 2018	

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PRODUCT	LAST ORDER DATE	LAST DELIVERY DATE	ALTERNATIVE
MVAA MVAA12, MVAA15 and MVAA22 models	1st October 2018	31st December 2018	PRiMA relays, 2xMVAA11 for MVAA22
MVAJ MVAJ15 model	1st October 2018	31st December 2018	MVAJ055 and MVAJ105
MVTW MVTW01 and MVTW03 models	9th July 2018	31st October 2018	P54A
RDB All models	1st October 2018	31st December 2018	MVAJ05x/10x/20x trip and lockout relays
SAM All models	1st October 2018	31st December 2018	MVTT14, MVTT15 and PRiMA relays
MEASUREMENTS & NETWORKING			
F485 converter	30th March 2018	29th June 2018	
MultiSync 100 clock	9th July 2018	1st October 2018	Reason RT431, RT430, RT434
Reason RT430, RT431 and RT434 firmware 07	28th September 2018	30th November 2018	Firmware 08
Reason S20 switch firmware 05	28th September 2018	30th November 2018	Firmware 06
MICOM			
P40 Fiber Optic Converter Order Code: Px4xxx3xxxxxxxxx	28th September 2018	10th December 2018	P40 with Fiber Optic Converter and IRIG-B Order Code: Px4xxx4xxxxxxxxx
P14D, P14N, P94V Software 52	28th December 2018	29th March 2019	P14D, P14N, P94V software version 61
P341 Software 71	28th December 2018	29th March 2019	P341 software 72 with hardware suffix P
P442, P444 Software 38	28th December 2018	29th March 2019	P442, P444 software version 60 with hardware suffix J, 72 or 83 with hardware suffix M
P443, P445 Software 33	28th December 2018	29th March 2019	P443 software 76 or 82 with hardware suffix M, P445 software version 46 with hardware suffix P
P445 Software 45	28th December 2018	29th March 2019	P445 software version 46
P443, P446 Software 55	28th December 2018	29th March 2019	P443, P446 software 57 with hardware K, 76 or 82 software with hardware suffix M
P547 Power Supply Option 24 – 54Vdc Order Code: P5474xxxxxxxxx	28th September 2018	10th December 2018	

PRODUCT	LAST ORDER DATE	LAST DELIVERY DATE	ALTERNATIVE
P547 Power Supply Option 48 – 125Vdc Order Code: P5475xxxxxxxxxx	28th September 2018	10th December 2018	P547 Power Supply Option 110 – 250Vdc (alternative for 110/125V battery voltage) Order Code: P5476xxxxxxxxxx
P547 Software 75	28th December 2018	29th March 2019	P547 software 76
P642, P643, P645 Software 02	28th December 2018	29th March 2019	P642, P643, P645 software 04 with hardware suffix K, 06 or 07 software with hardware suffix M/P
P741, P742, P743 Power Supply Option 24 – 54Vdc Order Code: P74x7xxxxxxxxxx	28th September 2018	10th December 2018	P741, P742, P743 Power Supply Option 48 – 125Vdc (alternative for 48/54V battery voltage) Order Code: P74x8xxxxxxxxxx
P847 Software 72	28th December 2018	29th March 2019	P847 software 73
PALLAVARAM DOMESTIC			
CCUM	30 th March 2018	29 th June 2018	P14DG Agile
CDD	30 th March 2018	29 th June 2018	P14DA Agile
CDG 60 Hz Models	30 th March 2018	29 th June 2018	P14NB Agile
VDG14 60 Hz Models	30 th March 2018	29 th June 2018	P94VB Agile
HORM4	30 th March 2018	29 th June 2018	MHOR
SUBSTATION AUTOMATION			
Advantech computer UNO-3075G, Win XP for DS Agile PACiS, Order Code: A302-XP	28 th September 2018	31st December 2018	
Advantech computer UNO-3075G, Win 7 for DS Agile, Order Code: A302-7	28 th September 2018	31st December 2018	
Advantech computer UNO-3085G-D64E for DS Agile PACiS, Order Code: A400	28 th September 2018	31st December 2018	
UR PLUS			
C90Plus Automation Control System (Bay Control Unit only) Order Codes: C90P-**-*E, C90-P**-*L, or C90P-**-*S	29 th March 2019	28 th June 2019	C60 FW 7.61 with Graphical Front Panel Option

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PRODUCT	LAST ORDER DATE	LAST DELIVERY DATE	ALTERNATIVE
D90Plus	29 th March 2019	28 th June 2019	D60 FW 7.61 with Graphical Front Panel Option
SOFTWARE			
RPVManager version 7	29th June 2018	28th September 2018	DR Manager version 8
RPV Software tools version 13	29th June 2018	28th September 2018	DR Manager version 8

End of Notice.