

State of California Qualified Products List

General

The assemblies listed below have been tested by the California Department of Transportation Laboratory and found to be compliant to the Transportation Electrical Equipment Specifications (TEES), dated March 12, 2009, TEES 2009 Errata 1 dated January 21, 2010, Errata 2 Dated December 5, 2014, Errata 3 Dated January 10, 2019, Chapter 12 Green Technology BBS Dated January 10, 2019 and Chapter 13 Model 700 Series CMS Dated January 10, 2019, Errata No.4 Dated December 4, 2019.

When purchasing these assemblies, only those listed below will be considered.

Qualifier to Qualified Products List (QPL)

A manufacturer's listing on the QPL does not waive any of the requirements of the specifications or relieve the manufacturer/vendor of any obligation there under. Defective work, materials and equipment will be rejected.

In short, all equipment submitted must comply with current specifications.

Model 2070E Controller Unit

Model 2070LX Controller Unit

Model 2070LX+ Controller Unit

Model 2070-1C CPU Module

Model 2070-4A Power Supply Module

Leadman	Model: 2070-4A
Safetran	Model: 2070-4A
McCain	Model: 2070-4A
Naztec	Model: 2070-4A
Jasper Electronics	Model: 2070-4A

Model 2070-6A Modem

GDI Communications, LLC	Model: 2070-6A
Hidex	Model: 2070-6A

Model 2070-6B Modem

GDI Communications, LLC	Model: 2070-6B
Hidex	Model: 2070-6B

Model 2070-6D Modem

GDI Communications, LLC	Model: 2070-6D
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Model 2070-7A Serial Com Module

GDI Communications, LLC	Model: 2070-7A
Safetran	Model: 2070-7A
McCain	Model: 2070-7A
Trafficware Naztec	Model: 2070-7A
Siemens	Model: 2070-7A
Intelight	Model: 2070-7A

Model 2070-7B EIA-485 Serial Com Module

GDI Communications, LLC	Model: 2070-7B
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Model 2070-7G Universal Time Base Module

McCain Inc	Model: 2070-7G
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Model 2070-6W Wireless Modem Com Module

GDI Communications, LLC	Model: 2070-6W
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Model 2070-6E Serial 2 Network Com Module

GDI Communications, LLC	Model: 2070-6E
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Model 2070-9D Dial-Up Modem Com Module

GDI Communications, LLC	Model: 2070-9D
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Model 2070-9A FSK/Dial-Up Modem Com Module

GDI Communications, LLC	Model: 2070-9A
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Model 2070-9B FSK/Dial-Up Modem Com Module

GDI Communications, LLC	Model: 2070-9B
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Model 2070-J Network Jack Module

GDI Communications, LLC	Model: 2070-J
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Model 2070-WE Wireless Ethernet Communications Module

GDI Communications, LLC	Model: 2070-WE
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Model 200 Switch Packs

GDI Communications, LLC	Model: 200, Rev. A
Power Distribution & Control Ltd (PDC)	Model: 200, SSS-88
Traffic Sensor Corporation (TSC)	Model: 200, 83A059A (C/N SP4200)

Model 204 Flashers

GDI Communications, LLC	Model: 204, Rev. A
Power Distribution & Control Ltd (PDC)	Model: 204, SSF-88
Traffic Sensor Corporation (TSC)	Model: 204, C/N FU 4204

Model 206L Power Supply Module

Eberle Design Incorporate (EDI)	Model: 206L
Jasper Electronics	Model: 206L
ETA-USA	Model: 206L

Model 206E Power Supply Module

Jasper Electronics	Model: 206E
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Model 700 Power Supply Module

Jasper Electronics	Model: PS700
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Model 206LS Power Supply Module

Jasper Electronics	Model: 206LS
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Model PDA2LS Power Supply Module

Jasper Electronics	Model: PDA2LS
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Model 208 Monitor Unit

McCain Inc.	Model: 208
Safetran	Model: 208

Model 210 Monitor Unit

Eberle Design Incorporate (EDI)	Model: 210
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Model 280 Input File Ethernet Unit

GDI Communications, LLC	Model: 280
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Model 222 Two-Channel Loop Detectors

Diablo Controls, Inc.	Model: 222
Eberle Design Incorporated (EDI)	Model: 222
Northstar Controls, LLC	Model: 222
Reno A & E	Model: 222

Model 222i Two-Channel Intelligent Loop Detectors

CLR Analytics Inc.	Model: 222i
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Model 224i Four-Channel Intelligent Loop Detectors

Global Traffic Technologies (GTT)	Model: 9004
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Model 231 Magnetic Detector Element

M-Systems, Inc.	Model: 231
Nova Tech, LLC	Model: 231
Traffic Systems, Inc.	Model: 231

Model 232 Dual Magnetic Detector Sensor Unit

M-Systems, Inc.	Model: 232
Nova Tech, LLC	Model: 232
Traffic Systems, Inc.	Model: 232

Model 242L Two-Channel DC Isolators

GDI Communications, LLC	Model: 242L
Eberle Design Incorporate (EDI)	Model: 242L
Power Distribution & Control Ltd (PDC)	Model: 242L

Model 252 Two-Channel AC Isolators

GDI Communications, LLC	Model: 252
Power Distribution & Control Ltd (PDC)	Model: 252

Model 332LS Cabinets

Safetran	Model:332LS
McCain Inc.	Model:332LS

Model 336LS Cabinets

Safetran	Model: 336LS

Model 334LS Cabinets

Safetran	Model: 334LS
McCain Inc.	Model: 334LS

Model 334LC Cabinets

McCain Inc.	Model:334LC
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Model 342LX Cabinets

Safetran	Model: 342LX
McCain Inc.	Model:342LX

Model 344LX Cabinets

Safetran	Model: 344LX
McCain Inc.	Model:344LX

Touch-Safe Field Terminal Panels, FTP-1LX

Weidmuller	Model: FTP-1LX
Phoenix	Model: FTP-1LX

Touch-Safe Field Terminal Panels, FTP-2LXR

Weidmuller	Model: FTP-2LXR

Touch-Safe Field Terminal Panels, FTP-2LX

Weidmuller	Model: FTP-2LX

Touch-Safe Field Terminal Panels, FTP-T4

Weidmuller	Model: FTP-T4

Model 420, Auxiliary Output File

Safetran	Model: 420
McCain Inc.	Model:420

Model 520, Auxiliary RR Output File (Including C16 Harness)

McCain Inc.	Model:520
Safetran	Model:520

Model 207 Integrated Power Filter/Arrestor

HESCO	Model: HE1750 TEES
EDCO(EMERSON)	Model: SHA-1250-ITS
McCain	Model: SHA-1250-ITS
Safetran	Model: HE1750 TEES

Model 400 Modems

GDI Communications, LLC	Model: 400, Version F
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Model 400N Ethernet Module

GDI Communications, LLC	Model: 400N
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C1 Harness

Safetran	Model: C1 Harness
McCain Inc.	Model: C1 Harness

C2 Serial Harness

Rose Supply Company	Model: C2PS
General Devices Incorporated (GDI)	Model: C2PS
McCain	Model: C2PS
Safetran	Model: C2PS

C2 Modem Harness

Rose Supply Company	Model: C2P
GDI Communications, LLC	Model: C2P
McCain Inc.	Model: C2P
Safetran	Model: C2P

C11 Harness

Safetran	Model: C11 Harness
McCain Inc.	Model: C11 Harness

Model 500, 510, 520 Changeable Message Sign (CMS)

LedStar	Model: 500, 510, 520
McCain Inc.	Model: 500, 510, 520

CMS 500 Harness

LedStar	Model: 500, 510, 520
McCain Inc.	Model: 500, 510, 520

CMS 500 5KVA Transformer

LedStar	Model: 5KVA
McCain Inc.	Model: 5KVA
Jefferson Electric	Model: 5KVA

Model CMS 500 Pixel Matrix Module (PMM)

Adaptive Micro Systems Inc.	Model: 12073001 (Model 500/510)
McCain Inc.	Model: M65028 (Model 500) Model: M63096 (Model 510)
Optec Displays Inc.	Model: 7040-Y16-5X8 PxMM (Model 500/510)

Green Technology Battery Back-Up System (GT-BBS)

ZincFive	Model: GT-BBS
Safetran	Model: ZincBlue2 GT-BBS

Battery Back-up System (BBS)

Alpha Technologies, LTD.	Model: FXM-1100
Clary Corporation	Model: SP1250LX
Myers Emergency Power Systems	Model: MP-2000E
Marathon Power	Model: TRTC-2004-N1

External BBS Cabinet

Alpha Technologies	Model E-BBS
Tesco	Model E-BBS
Myers Emergency Power Systems	Model E-BBS
McCain Traffic	Model E-BBS
Econolite	Model E-BBS

LX-BBS Cabinet

Safetran	LX-BBS
McCain	LX-BBS

Model 700, 710, 720 Changeable Message Sign (Amber CMS)

Optec Displays Inc.	Model 700, 710, 720
McCain Traffic Inc.	Model 700, 710, 720
SolarMax	Model 700, 710, 720

Model CMS 700 Pixel Matrix Module (Amber PMMs)

Optec Displays Inc.	Model 700, 710, 720
McCain Traffic Inc.	Model 700, 710, 720
SolarMax	Model 700, 710, 720

Model 700C, 710C, 720C Changeable Message Sign (Color CMS)

McCain Traffic Inc.	Model 700, 710 and 720
SolarMax	Model 700, 710 and 720
Ledstar	Model 700, 710 and 720

Model CMS 700C, 710C, 720C Pixel Matrix Module (Color PMMs)

McCain Traffic Inc.	Model 700, 710 and 720
SolarMax	Model 700, 710 and 720
Ledstar	Model 700, 710 and 720

Model 700 Series Test Box

McCain Traffic Inc.	Model TB700
SolarMax	Model TB700
Ledstar	Model TB700

Model 700 Series Remote I/O Box

McCain Traffic Inc.	Model RIO700
SolarMax	Model RIO700
Ledstar	Model RIO700

CMS Controller Isolation Assembly (CIA)

McCain Traffic Inc.	Model CIA
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Terms

The effective period of this QPL is indeterminate. Manufacturers are required to notify the TEES Branch Chief of any proposed changes affecting design or performance in the product that has been approved. THIS INCLUDES ALL COMPONENTS LISTED IN MANUALS AND ALL ENGINEERING CHANGES.

Manufacturers, not on the list, who want their assemblies or units tested in order to be added to the QPL for future bids should submit a written request to the TEES Branch Chief.

Failure to perform satisfactorily on purchase orders by failing to meet delivery schedules or maintain a high rate of acceptance will result in being removed from the QPL.

Contacts

For question about the QPL, please contact the following:

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