



# CERTIFICATION RECORD

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The company named below has been authorized by CSA International to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

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File No: 047235\_C\_000  
Class No: 6225 01 FUSEHOLDER ASSEMBLIES

## SUBMITTOR

4500672 Cooper Bussmann, Inc.  
P.O. Box 14460  
St. Louis, MO  
USA

## FACTORIES

4544804 Bussmann, S.A. de C.V.  
Prolongacion Hnos Escobar 7750  
Parque Ind Omega  
Col Partido Doblado  
Juarez, Chihuahua  
Mexico

4563391 Cooper Bussmann, Inc.  
210 Dixie Trail  
Goldsboro, NC  
USA

4692397 Df Electric df, S.A.  
C/ Silici 67-69  
Cornella De Llobregat, Barcelona  
Spain

SEE ALSO SATELLITE FACTORY FILES 222081, 094594\_0\_000, 094594\_0\_000, 242633

December 17, 2008(Replaces: March 3, 2008 )

Note: Prototype verification and testing is conducted at the submittor's facility. The catalogue numbers listed below are products manufactured by the factories. This list is not necessarily complete as additional models may be added at any time.

THE FOLLOWING FUSEHOLDERS HAVE BEEN EXAMINED IN ACCORDANCE WITH ELECTRICAL CERTIFICATION NOTICE 552:

- "Buss" special type cartridge extractor fuseholder assemblies, Type HKL, HKL-X, 15A max, 250V.
- Extractor type, for 13/32 in by 1-5/16 in cartridge fuses, Types HPS-EE and HPF-EE, 15A, 600V ac.
- Extractor type for 13/32 in by 1-13/32 in (SC20) cartridge type fuses, 20A, 600V ac, Types HPS-JJ and HPF-JJ.

THE FOLLOWING FUSEHOLDER ASSEMBLIES HAVE BEEN EXAMINED IN ACCORDANCE WITH ELECTRICAL CERTIFICATION NOTICE 552 EXCEPT CL 4.1.1:

- "Buss" special-type cartridge fuseholder assemblies for use with this manufacturers fuses types GLQ, GLR, GMF, GMQ, GRR and GRF; Types HLR-2L, HLQ-1KXXXX, HLR-1KXXXX, HLQ, 12A max, 300V and HLR, HLR-2A, 15A max, 300V.
- Special extractor-type fuseholders, Cat No HLQ-1K0656, 12A, 300V ac max for use with submittor's CSA Certified Type GLQ special-type fuses.
- The type designation of the fuseholder, Type HKP-HH may have "W", "CC", "E", "H", "L", "OO", "BB" or any combination of these suffixes to denote special features.
- "Tron" special-type, in-line cartridge fuseholder assemblies Type HEH, 15A max, 600V max, with two suffix letters from the letters A,B,C,D,E, or W\*; Type HEB, HEB-AA, HEB-AW-RLC-A, HEX, 30A max, 600V max, with two suffix letters from the letters A, B, C, D, E, M, N, P, Q, R, T, V and \*W; Type HEJ-AA, 60A max, 480V ac max.
- HEB-AW-RYC, HEX-AA, HEX-KW-DRYC and HEN-KW-DRYC rated 30A, 600V, intended for use with Miscellaneous Fuses, 13/32 x 1-1/2 inch.
- Fuseholder assemblies plug fuse for special or Type S "Fustat" fuses rated 0-30A, 125V, Cat Nos SRB, SRC, SRD, SRJ, SRK and SRT.
- Adapter fuseholders for special or Type S "Fustat" fuses rated 0-30A, 125V certified only with adapter installed, Cat Nos SOU, SOW, SOX, SOY, SSU, SSW, SSX and SSY.
- Adapters for special or Type S "Fustat" fuses rated 0-30A, 125V, Cat No SA. "Buss" special-type live front cartridge fuseholder assemblies open type 3845, 5A max, 600V.
- Fuseholder assemblies cartridge type, for use with 1-1/4 in by 1/4 in fuses, 15A max, 250V max, 1-, 2- or 3-pole Series 2245; 10A max, 250V max, 1- to 12-pole, Cat Nos 2430-1 to 12.
- Fuseholder assemblies, cartridge type, for use with 1-1/2 in by 13/32 in fuses, 15A max, 600V max, 1-pole, Cat No 2807, 2-pole, Cat No 2808, 3-pole, Cat No 2809. For copper wire only, 1-pole Cat 2096, 2-pole Cat 2097, 3-pole, Cat 2098.
- "Buss" special type cartridge extractor fuseholder assemblies, for use with HRC Form I Class CC dimension fuses only, Cat No HPF, HPF-RR, HPF-RR-WT and HPF-WT, 600V ac max, 30A max.
- "Buss" special-type cartridge extractor fuseholder assemblies, Types HPS, HPS-1K0563 or HPN and HPS-X, 25A max, HPS-L, 5A max, 600V.
- "Buss", special type extractor fuseholder assemblies, for through the panel mounting for fuses 5mm by 20mm and 1/4 in by 1-1/4 in, 16A max, 250V ac max. Fuseholder body catalogue Series HSL, HFL, HSH, HFH, HSL-A, HSH-A. Fuse extractor knob catalogue Series FCM for 5mm by 20mm fuses, FCI for 1/4 in by 1-1/4 in fuses.
- Fuseholder bodies may have Suffix "XXS" to denote rear terminal bent 90 deg to run parallel to fuse body. Fuse extractor knob may have Suffix "F" to denote finger grip operation rather than screwdriver slot. Complete fuseholder assemblies for 5mm to 20mm fuses, catalogue Series HSL-M, HFL-M, HSL-AM, HSH-M, HFH-M, HSH-AM. Complete fuseholder assemblies for 1/4 in by 1-1/4 in fuses, catalogue Series HSL-I, FHL-I, HSL-AI, HSH-I, HFH-I, HSH-AI.

- Extractor fuseholder assemblies for through-the-panel mounting; Types HBH-I, HBW-I and HBV-I (for fuses 1/4 in by 1-1/4 in) and Types HBH-M, HBW-M and HBV-M (for fuses 5mm by 20mm), 12A max, 250V ac max. Assemblies are composed of body Types HBH, HBW or HBV and Carrier Types FBI or FBM.
- Fuse blocks, Series 2000, for 5 by 20mm fuse rating 15A, 250V max ac or dc with Suffix 1 to 10 denoting 1-pole to 10-poles.
- Extractor fuseholder assemblies for through-the-panel mounting; Types HTB-I (for fuses 1/4 in by 1-1/4 in) and Type HTB-M (for fuses 5mm by 20mm), 16A and less, 250V ac and less. Assemblies are composed of body Type HTB and carrier Types FT-I or FT-M.
- Types HTB-STI, HTB-STM and HTB-1K0793 (with test probe hole) fuseholder assemblies, 16A and less, 250V ac and less, extractor type, for through panel mounting, thread mount or snap-in, solder or quick-connect terminals, by use of a fuse carrier for use with 1/4 in by 1-1/4 in or 5mm by 20mm cartridge fuses.

THESE FUSEHOLDER ASSEMBLIES HAVE BEEN EXAMINED IN ACCORDANCE WITH ELECTRICAL CERTIFICATION NOTICE 552 EXCEPT CL 4.1.1.

- Fuseholders, cartridge fuse type, for use with standard code fuses, 250V max, 1-, 2- or 3-pole, 30A, Model Nos H25030-, H25030-CO, H25030-COR, 231-11, 232-11, 233-11, 231-33, 232-33, 233-33, 231-44, 232-44, 233-44; 60A, 261-11, 262-11, 263-11, 261-33, 262-33, 263-33, 261-44, 262-44, 263-44, H25060-; 100A, H25100-XXX, 211-11, 212-11, 213-11; 200A, Model H25200, single-pole, 400A, Model No H25400-; 600A, Model No H25600, 600V max, 1-, 2- or 3-pole, 30A, Model Nos 631-11, 632-11, 633-11, 631-33, 632-33, 633-33, 631-44, 632-44, 633-44, H60030-, MH60030 and MH60031; 60A, 661-11, 662-11, 663-11, 661-33, 662-33, 663-33, H60060-, MH60060 and MH60061; 100A, H60100, 611-11, 612-11, 613-11; 200A, Model H60200, single-pole, 400A, Model No H60400-; 600A, Model No H60600.
- Fuseholders, cartridge fuse type, Cat No./Model JT60060 and JTN60060, non-indicating and indicating respectively, for use with HRC Form I Class J fuses, 60A, 600V.
- Fuseholders, cartridge fuse type, for use with HRC Form I (Class J) fuses, Model Series JTN and JT, 30A, 600V ac max.
- Fuseholders, cartridge fuse type, for use with HRC Form I (Class J) fuses, 600V, 1-, 2- and 3-pole, 30A, Model Nos J631-11, J632-11, J633-11, J60030, JA60030, J60030-XXXA, JP60030, JP60030-XXXA, MJ60030 and MJ60031; 60A, Model Nos J661-11, J662-11, J663-11, J60060-3CR, J60060-, J60060-XXXA, Y11219-, J60060-1SL, MJ60060 and MJ60061; 100A, Model Nos J60100, J-60100-3CR, J613-11, 200A, J60200, J621-11; 400A, J641-11, J60400, J60400-3CR; single-pole, 600A, Model No J60600, J6601-11. The 30, 60 and 100A model numbers may be followed by suffix COR, R and Q; the 100, 200, 400 and 600A model numbers may be followed by suffix STR and are available in 1, 2 and 3 poles.
- Fuseholder assemblies for use with HRC Form I (Class T) fuses, 2- or 3- or 4-pole, Model Nos T30030, 30A, 300V, T30060, 60A, T30100, 100A, 300V, 1-, 2- or 3-pole, Model Nos T60030, 30A, 600V, T60060, 60A, 600V, T60100, 100A, 600V, T60060-SR, 60A, 600V, 1-pole: 300V, Model Nos T30200-1C, -3C, T30200-3ST, 200A, T30400, 400A, T30600, 600A; 600V, T60200, 200A, T60400, 400A, T60600, 600A.
- "Buss" fuseholder assemblies for use with HRC Form I (Class R) fuses, 1, 2 or 3 poles, 30A, 600V P/N R60030, R631-11, R632-11, R633-11, R631-44, R632-44, R633-44, R631-33, R632-33, R633-33; 60A, 600V, P/N R60060, R661-11, R662-11, R663-11; 60A, 250V P/N R25060, R261-11, R262-11, R263-11; 30A, 250V, Model Nos R231-11, R232-11, R233-11, R231-44, R232-44, R233-44, R25030-CO, R25030-COR; 100A, 250V, Model Nos R211,11, R212-11, R213-11, R25100-XXX, R25100-1STR, -1STRM; 200A, 250V, Model No R25200-1STR, -1STRM; 400A, 250V, Model No R25400-1STR, -1STRM; 600A, 250V, Model R25600-1STR, -1STRM; 100A, 600V, Model R60100-1STR, -1STRM, R611-11, R612-11, R613-11; 200A,

600V, Model R60200-1STR; 400A, 600V, Model R60400-1STR, -1STRM; 600A, 600V, Model R60600-1STR, -1STRM.

- "Buss" fuseholder assemblies for use with HRC Form I (Class Misc) fuses, 1, 2 or 3 poles, 30A, 600V P/N H60030; 60A, 250V P/N H25060; Cat No H60060 and R60060, rated 60A, 600V ac, 1-3 poles.
- Fuseholder for HRC Form 1 (CLASS J) fuses, 3-pole, 30A, 600V ac, Part No JP60030.
- Fuseholder assemblies for use with HRC Form I (miscellaneous) fuses 1, 2, or 3 poles, 60A 480V Cat No G30060 with suffixes.
- "Buss" fuseholder assemblies for use with supplemental cartridge fuses, 1-1/4 in by 1/4 in, 300V ac max: Cat Series S8001 and S8002, 21A max; Cat Series S8101 and S8102, 13A max; Cat Series S8201 and S8202, 20A max; Cat Series S8301, 25A max; with Suffix 01 through 12, for 1 to 12 poles; Cat Series S8003, 21A max; Cat Series S8103, 13A max; Cat Series S8203, 16A max; with suffix 01 for 1 pole, -W for white mounting base, -SNP for snap in mounting feature.
- Cat Series BC6031, MR631-66, MR631-77, 1-pole, BC6032, MR632-66, MR632-77, 2-pole, BC6033, MR633-66, MR633-77, 3-pole, with or without suffix A, 600V ac max, 30A max, cartridge type for use with HRCI-MISC (Class CC) fuses only.
- Cat No BCCM6033PQ, BCCM6033SQ, 3-pole, 600V, 30A per pole, for Type HRCI-MISC Type CC (2-poles) and 1-1/2 by 13/32 in fuses (1-pole). - Cat No BCCS6033PQ and Cat No BCCS6033SQ, cartridge type, 3 pole (2 poles for HRCI-MISC Type CC fuses, 30A per pole max, 600V ac max, 1 pole for a 1/4 by 1-1/4 in supplemental fuse 20A max, 250V ac max.
- Cat Series BM6031, M631-11, M631-33, M631-44, 1-pole, BM6032, M632-11, M632-33, M632-44, 2-pole, BM6033, M633-11, M633-33, M633-44, 3-pole, 600V ac max, 30A max, cartridge type for use with 1-1/2 in by 13/32 in fuses only.
- Cat Series BG3011, 1-pole, BG3012, 2-pole, BG3013, 3-pole, 600V ac max, 15A max, cartridge type for use with HRCI-MISC (Class G) fuses only.
- Cat Series BG3021, 1-pole, BG3022, 2-pole, BG3023, 3-pole, 600V ac max, 20A max, cartridge type for use with HRCI-MISC (Class G) fuses only.
- Cat Series BG3031, 1-pole, BG3032, 2-pole, BG3033, 3-pole, 480V ac max, 30A max, cartridge type for use with HRCI-MISC (Class G) fuses only.
- Fuse reducers designed for use in standard fuseholders to permit the insertion of fuses of smaller capacity; 100-30A, 250V, Cat No 213, 38132; 200-60A, 250V, Cat No 226, 48262; 100-60A, 250V, Cat No 216, 38162; 60-30A, 250V, Cat No 263, 38632; 100-60A, 600V, Cat No 616, 38166; 200-60A, 600V, Cat No 626, 38266; 60-30A, 600V, Cat No 663, 38636; 200-100A, 250V, or 600V, Cat No 2621, 38212; 400-200A, 250 or 600V, Cat No 2642, 38422.
- Fuse reducers designed for use in standard Class R type fuseholders to permit the insertion of fuses of smaller capacity; 60-30A, 250V, Cat No 263-R; 216-R; 100-60A, 600V, Cat No 616-R; 200-60A, 250V, Cat No 226-R; 200-60A, 600V, Cat No 626-R; Cat Nos 213-R, 100-30A, 250V; 663-R, 60-30A, 600V.
- Fuseholder assemblies plug fuse for special or Type S "Fustat" fuses rated 0-30A, 125V, Cat Nos SRB, SRC, SRD, SRJ, SRK and SRT.
- Adapter fuseholders for special or Type S "Fustat" fuses rated 0-30A, 125V Certified only with adapter installed, Cat Nos SOU, SOW, SOX, SOY, SSU, SSW, SSX and SSY; 15A and less Type SSN.
- Adapters for special or Type S "Fustat" fuses rated 0-30A, 125V, Cat No SA.

THESE FUSEHOLDER ASSEMBLIES HAVE BEEN EXAMINED IN ACCORDANCE WITH ELECTRICAL CERTIFICATION NOTICE NO 552 EXCEPT CL 4.1.1.

- Component fuseholder, Cat Nos A, 300V, 10A.
- Fuseholders, Type HTC-35M, -40M, -45M, -50M, -55M, 6.3A and less, HTC-70M, 10.0A and less, 250V ac and less, extractor type, with fuse carrier for use with 5 x 20mm cartridge fuses.

- Cat No CHM, 30A, 600V ac max for suppl fuses (10 X 38mm).
- Cat No CHCC, 30A, 600V ac max for Class CC fuses.
- Cat No OPM-CC, 30A and less, 600V ac and less.
- Cat No OPM-SW, 30A and less, 600V ac and less. Cat No OPM-1038, -1038SW, -1038C, -1038SWC, -1038C2, -1038SWC2, -1038R, -1038RSW, -1038RC, -1038RSWC, -1038RC2, -1038RSWC2, 30A and less, 600V ac and less.
- Cat No OPM-NG-SM3, OPM-NG-QM3 and OPM-NG-SM1, 30A and less, 600V.
- Cat No OPM-NG-SC3 and OPM-NG-QC3, 30A and less, 600V.
- Modular type, BUSS BH Series, single pole assemblies for use with various bolt on type fuses, 700V or less, 700A or less.
- Accessories, fuse covers, Type SAMI-1 through -8, 8A and 9, with or without blown fuse indicator.

Fuseholder Cat No	Rating A and V	Terminal Stud Size (in)	Type Connector	Wire Range	Fuse Class
1BS101	100A, 600V	1/4	Single Hole	14-2/0	-
1BS102	400A, 600V	1/4	Two Hole	6-250	-
1BS103	400A, 600V	3/8	Two Hole	6-250	-
1BS104	600A, 600V	3/8	Two Hole	6-250	-

- Fuseholder, Cat No S8301 with suffixes, 25A, 300V max, 1 to 12 pole for use with 1/4 by 1-1/4 in supplemental fuses.
- Fuseholder Cat Nos TCFH30, 30A, 600V ac max, TCFH60, 60A, 600V ac max and TCFH100, 100A, 600V ac max for HRCI-MISC "CUBE" fuses.
- Fuseholders, modular type, for use with standard code cartridge fuses (Class H), 3-pole, 600V, 30A, Cat Nos 11241, 11242; 60A, 11239, 11240; 60A, 250V, 11241; for use with HRC Form I (Class J) fuses, 600V, 30A, 11241; 60A, 11239.
- Fuseholder, Cat No HPS2, rated 30A, 600V, Extractor Type for fuses 13/32 by 1-1/2 inch.
- Fuseholder, Series CHCC, with suffixes, with or without blown fuse indicator, 1 to 3 poles, 30A, 600V, intended for Class CC fuses.
- Cartridge type, Catalog Series BCA6031, 1-pole, BCA6032, 2-pole, BCA6033-3, 3-pole, 600V ac max, 30A, for use with Class CC fuses only.
- Cartridge type, Catalog Series BMA6031, 1-pole, BMA6032, 2-pole, BMA6033-3, 3-pole, 600V ac max, 30A, for use with 1-1/2 in. by 13/32 in. fuses only.
- Fuseholders, Type CH30J and CH60J with suffixes indicating 1, 2 or 3 pole, with or without blown fuse indicator, for Class J fuses.
  - CH30J1 1 pole, 30A-600V fuseholder for Class J fuses
  - CH30J1I 1 pole, 30A-600V fuseholder for Class J fuses with indicator
  - CH30J2 2 pole, 30A-600V fuseholder for Class J fuses
  - CH30J2I 2 pole, 30A-600V fuseholder for Class J fuses with indicator
  - CH30J3 3 pole, 30A-600V fuseholder for Class J fuses
  - CH30J3I 3 pole, 30A-600V fuseholder for Class J fuses with indicator
  - CH60J1 1 pole, 60A-600V fuseholder for Class J fuses
  - CH60J1I 1 pole, 60A-600V fuseholder for Class J fuses with indicator
  - CH60J2 2 pole, 60A-600V fuseholder for Class J fuses
  - CH60J2I 2 pole, 60A-600V fuseholder for Class J fuses with indicator
  - CH60J3 3 pole, 60A-600V fuseholder for Class J fuses
  - CH60J3I 3 pole, 60A-600V fuseholder for Class J fuses with indicator

Notes:

1. Suffix figures are added in the above Cat Nos to indicate max fuse ratings to be used.
2. The SS series include a general purpose ac snap switch rated 120V ac, 15A, 1 hp.
3. All fuseholder assemblies are for use with Certified fuses and only as component parts of equipment where the acceptability is determined by the Canadian Standards Association.  
"Tron" fuseholders are for use in locations where they are required to be disconnected from the supply before access is permitted.
4. \* The suffix "W" on "Tron" special type fuseholder denotes a terminal for attachment of a certified connector for aluminum wire.
5. Single pole units include an anti-rotation pin moulded into the mounting surface.
6. Solder type connections for use with copper wire only.
7. Screw type terminals, Cat Series S8301, for solid copper wire only.
8. Suffix letters S, B, P, SQ and PQ are added to Cat Series BC denoting type of terminations.
9. Suffix letters SQ, PQ and B are added to Cat Series BM denoting type of terminations.
10. Suffix letters B, PQ and SQ are added to Cat Series BG3011, BG3012, BG3013, BG3021, BG3022 and BG3023 denoting type of terminations.
11. Suffix letters B, P and S are added to Cat Series BG3031, BG3032 and BG3033 denoting type of terminations.
12. Suffixes represented by "-XXX" may be added to Class H and R fuseholder assemblies to indicate terminal styles.
13. Fuseholder assemblies have suffixes denoting type of mounting and terminal configuration.

THESE FUSEHOLDER ASSEMBLIES HAVE BEEN EXAMINED IN ACCORDANCE WITH ELECTRICAL CERTIFICATION NOTICE 552 EXCEPT CL 4.1.1.

- Fuseholders, cartridge type, for use with Class H fuses, 250V max, 1- or 2-pole, 120A or less, 1 to 4, 30A branches per pole, Model Nos 13195-201 to -212, -253FQZ (60A, 250V), -301 to -305, -309 to -312, -351FCZ (60A, 250V), -353FQZ (60A, 250V), -401 to -412, -415 to -426, -501 to -512, -551FCZ (250V, 60A), -552FCZ (250V, 30A), -601 to -619, -621 to -627, -629 to -631.
- Fuseholders, Type M, 1-, 2- or 3-pole, 600V, 30A, Model No M60030 with or without suffix 1, 2 or 3.
- Fuseholders, cartridge type, for use with special miniature cartridge 1-1/4 in by 1/4 in fuses, 1- to 12-pole, 20A max, 300V, Model No 11770 with or without suffixes 1 through 12 and A, B, D, L, Q, S, T, W or H.
- Fuseholder assembly, with special use attachment plug, for use with cartridge fuse 13/32 in by 1-1/2 in, 600V ac max, 2 400VA max, 20A max, fuseholder Model 15083, attachment plug Model No 15082.

Notes:

1. Suffixes and prefixes may be added to the above designations to denote variations in terminals, number of poles, etc.
2. All fuseholders are Certified as components for use only in other Certified equipment where the acceptability is determined by the CSA International.

Fuseholders consisting of moulded bases and plug-in carriers: 'Fusemaster' Range, for use with the submitters Certified HRC Form II fuses, as follows:

Type	Fuseholder Cat No	Max Amp	Fuse Type
GN	C20GN	20	NITD
N	C20N	20	NITD

GA	C30GA	30	AAO
A	C30A	30	AAO
NNS	C30	30	NSD/NSC
B	C60B	60	BAO
ENS	C60	60	EK
C	C100C	100	CEO

'Camaster' range, rated 600V ac, for use with the submittor's Certified HRC1-Misc fuses, HRCII-Misc fuses, and HRCII-C fuses, as follows:

Fuseholder Cat. No.	Max Amp	Fuse Type
CM20F	30A	CIF21/NITK(HRC1-Misc)
CM30F	30A	H07/AAO(HRCII-C)
CM60F	60A	K07/BAO(HRCII-C)
CM100F	100A	K07/OSD(HRCII-Misc)

Notes:

1. These fuseholders are Certified only as component parts for use in equipment where the combination is acceptable to CSA International.
2. The 'Fusemaster' range catalogue numbers are followed by F indicating front connection, BS indicating back stud connection or FBS indicating a combination of the two.
3. For Cat No C30, C60, a suffix R denoting rear connection may be included in addition to the suffixes defined in Note 2. Types with a suffix R are not suitable for mounting on grounded metal surfaces.
4. The 'Camaster' fuseholders are supplied standard as front connected types and can be readily converted to front/back stud connection or backstud/backstud connection types by the use of the appropriate backstud accessory given below:

Rating	Cat No	Fuseholder Cat No
30A	20BS	CM20F
30A	30BS	CM30F
60A	60BC	CM60F
100A	100BS	CM100F

- Fuseholder Accessories Type InVision, Fuse Covers with Remote Radio Signal Fuse Indicator, Catalog No. IFM-XY, where X = 1-9 and Y is blank or S. Intended for use with Fuse Types J, CC and H, K or R, rated 0 – 100A, 600V max.

Fuseholder Accessories Type InVision, Intelligent Circuit Monitors, Catalog No. ICM.

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