

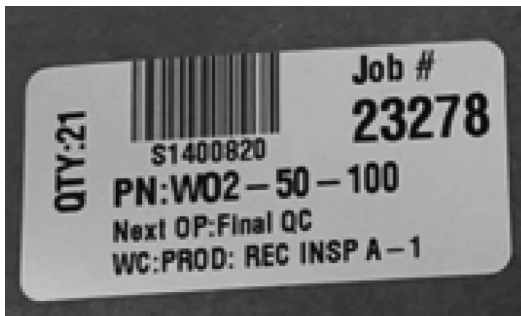
# PRODUCT CHANGE NOTIFICATION

## RESISTORS

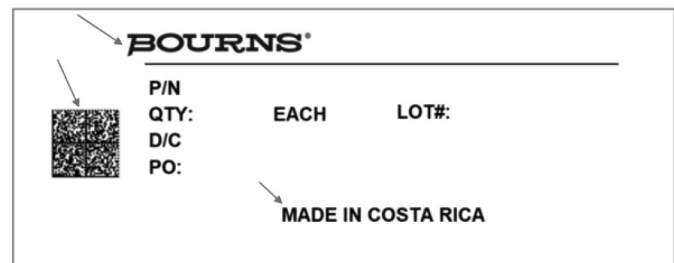
### Select Bourns® Shunts and Fuse Blocks Relocation of Manufacturing Site and Changes to Part Marking, Packaging Label and Packaging

Riverside California – February 19, 2024 – In order to consolidate the manufacturing processes within Bourns, effective April 30, 2024, Bourns will relocate the manufacturing site for select Bourns® Shunts and Fuse Blocks from the Tecate, Mexico facility to the Heredia, Costa Rica facility. As shown below, the packaging label will also change to the Bourns standard label form and the part marking will change the manufacturer name from Riedon (whose assets were acquired by Bourns through its affiliate, BE Services Company, Inc. in April, 2023) to Bourns. The internal packaging will also change as the plastic pellets used in the packaging will be replaced with corrugated Kraft paper. A list of affected part numbers is provided on pages 3 through 7.

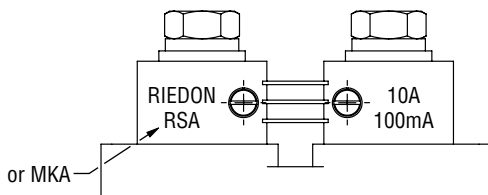
**Current Packaging Label**



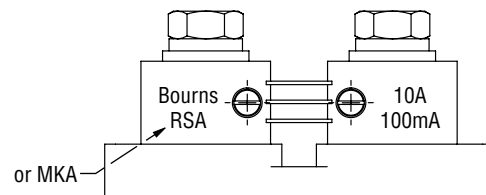
**New Packaging Label**



**Current Part Marking - Shunts**



**New Part Marking - Shunts**



**(There is no part marking on the Fuse Block products.)**

There will be no product design, manufacturing process or material changes as a result of the manufacturing site relocation. The affected parts at the relocated manufacturing site will meet the same data sheet specifications as the parts from the existing site.

The fit, function, quality and reliability of all affected part numbers will remain the same. The form will slightly change due to the Bourns logo replacing the Riedon logo in the part marking. The Heredia, Costa Rica facility is IATF qualified. Traceability will be maintained through date code. The data sheet will change to the standard Bourns format.

Users should verify that the described changes will not impact the performance of the product in their specific applications.



Samples will be available upon request on March 20, 2024. Bourns recommends that customers test the affected part numbers in their specific applications for verification of satisfactory performance.

**Implementation dates are as follows:**

Date that manufacturing of the existing products at the current location will cease: **April 30, 2024**

Date that deliveries of products manufactured at the relocated manufacturing site will begin: **April 19, 2024**

First date code using above changes: **2411**

If you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

Affected Part Numbers - SHUNTS				
SP1669-0R0013N2	SP2103-1000-50	SP2111-1500-100	SP6002-1500-50	D196
SP2095	SP2103-100-100	SP2111-1500-50	SP6004	D198
SP2102-100-100	SP2103-100-50	SP2111-2000-50	SP6008	D200-600
SP2102-100-50	SP2103-1200-50	SP2114-100-50	SP6013-300-50	D215
SP2102-10-100	SP2103-1-50	SP2114-150-50	SP6017-20-100B	D215-200-50
SP2102-10-50	SP2103-150-150	SP2114-200-50	SP6019-100-100	D216
SP2102-1-100	SP2103-150-50	SP2114-250-50	SP6025-400-50	D218
SP2102-1-50	SP2103-15-50	SP2114-50-50	SP6025-600-50	D222
SP2102-150-100	SP2103-200-50	SP2114-600-50	SP6026-100-200	D228-06
SP2102-150-50	SP2103-20-50	SP2115-100-50	SP6027-450-150	D230-04
SP2102-15-100	SP2103-250-50	SP2116-100-100	SP6029	D230-06
SP2102-15-50	SP2103-25-50	SP2121-800-50	SP6039	D236
SP2102-200-100	SP2103-30-50	SP2123	D-0001	D241
SP2102-200-200	SP2103-37.5-150	SP2124	D101	D242
SP2102-200-50	SP2103-40-100	SP2125-200-50	D111	D243
SP2102-20-100	SP2103-500-200	SP2128	D116	D245
SP2102-20-50	SP2103-50-50	SP2133	D118-500-50	D250
SP2102-2-100	SP2103-5-50	SP2135A-100-100	D120	D251
SP2102-2-50	SP2103-600-100	SP2135A-100-50	D123-200-50	D257
SP2102-250-50	SP2103-600-50	SP2135A-10-100	D123-300	D258
SP2102-25-100	SP2103-60-50	SP2135A-150-50	D123-300-50	D261
SP2102-25-50	SP2103-75-150	SP2135A-20-50	D124-200-100	D262
SP2102-300-100	SP2103-75-50	SP2135A-50-50	D124-500-25	D263
SP2102-300-50	SP2103-800-50	SP2135A-5-50	D124-500-50	D264
SP2102-400-100	SP2104-100-100	SP2135B-200-50	D126	D265-10-50NBP
SP2102-400-50	SP2105-1000-100	SP2135B-300-50	D128	D265-15-50NBP
SP2102-500-100	SP2105-1000-50	SP2135B-500-50	D131-100-50	D265-20-50NBP
SP2102-500-50	SP2105-1200-50	SP2135C-1000-50	D131-50-50	D265-2-50NBP
SP2102-50-100	SP2105-300-50	SP2135C-1200-50	D134	D265-5-50NBP
SP2102-50-100B	SP2105-500-50	SP2135C-800-50	D155	D266
SP2102-50-50	SP2105-600-50	SP3274	D155-500-25	D267
SP2102-5-100	SP2105-750-100	SP3278	D158	D267NB
SP2102-5-50	SP2105-750-50	SP3281	D167-500-50	D268
SP2102-600-100	SP2105-800-100	SP3283	D168	D269
SP2102-6-50	SP2105-800-50	SP3296	D172	D272
SP2102-700-100	SP2106-250-100	SP3303	D180	D273
SP2102-75-150	SP2107-100-50	SP3307	D185	D275
SP2102-800-100	SP2107-150-50	SP6000-300-100B	D189	D276
SP2103-1000-100	SP2107-50-50	SP6002-1200-50	D192	D277

Affected Part Numbers - SHUNTS (Continued)				
D278	CB-300-50	W02-125-50	W02-310-50	SWB-650-50
D279-1000-100	CB-400-50	W02-150-100	W02-90-100	SWB-700-100
D279-1000-50	CB-500-50	W02-150-50	W02-180-100	SWB-700-50
D280	CB-50-50	W02-15-50	W02-300-25	SWB-300-75
D281	CB-75-50	W02-175-50	W02-90-50	SWB-500-75
D282	SWE-1000-100	W02-200-100	W02-425-25	SWB-1200-75
D283	SWE-1000-50	W02-200-50	W02-600-75	SWB-800-75
D284	SWE-1200-100	W02-20-50	W02-200-200	RSN-100-100B
D284-100-50	SWE-1200-50	W02-250-100	RSI-1000-100	RSN-100-50B
D284-200-50	SWE-1500-100	W02-250-50	RSI-1000-50	RSN-10-100B
D284-300-50	SWE-1500-150	W02-300-100	RSI-1200-100	RSN-10-50B
D285	SWE-1500-50	W02-300-50	RSI-1200-50	RSN-1-100B
D286	SWE-2000-100	W02-400-100	RSI-300-100	RSN-150-100B
D287-200-50	SWE-2000-50	W02-400-50	RSI-300-50	RSN-150-50B
D288-200-50NB	SWE-2500-100	W02-500-100	RSI-400-100	RSN-1-50B
D288-300-50NB	SWE-2500-50	W02-500-50	RSI-400-50	RSN-200-100B
D289	SWE-3000-100	W02-50-100	RSI-500-100	RSN-200-50B
D290	SWE-3000-50	W02-50-50	RSI-600-100	RSN-20-100B
D291	RSL-10000-100	W02-600-100	RSI-750-100	RSN-20-50B
D292	RSL-5000-50	W02-600-50	RSI-750-50	RSN-2-100B
D293	RSH-100-100	W02-60-50	RSI-800-50	RSN-250-100B
D294	RSH-100-50	W02-450-50	SWB-1000-100	RSN-250-50B
D295	RSH-15-50	W02-62-50	SWB-1000-50	RSN-2-50B
D296	RSH-200-100	W02-65-50	SWB-1200-100	RSN-300-100B
D297	RSH-200-50	W02-750-100	SWB-1200-50	RSN-300-50B
D298	RSH-300-100	W02-75-100	SWB-300-100	RSN-400-100B
D299	RSH-300-50	W02-75-50	SWB-300-50	RSN-400-50B
D300	RSH-375-50	W02-10-50	SWB-400-100	RSN-500-100B
D301	RSH-400-100	W02-120-50	SWB-400-50	RSN-500-50B
D302	RSH-400-50	W02-125-100	SWB-500-100	RSN-50-100B
D303	RSH-500-100	W02-20-100	SWB-500-50	RSN-50-50B
D304	RSH-500-50	W02-155-50	SWB-600-100	RSN-5-100B
D305	RSH-50-100	W02-25-50	SWB-600-50	RSN-5-50B
D306	RSH-50-50	W02-270-50	SWB-750-100	RSN-150-75B
D307	RSH-600-50	W02-275-50	SWB-750-50	RSN-15-100B
D308	RSH-600-50	W02-160-50	SWB-800-100	RSN-150-150B
D308-200-50	RSH-600-75	W02-30-50	SWB-800-50	RSN-30-100B
D309	W02-100-100	W02-800-50	SWB-1250-50	RSN-30-50B
CB-100-50	W02-100-50	W02-310-100	SWB-275-50	RSN-375-50B

Affected Part Numbers - SHUNTS (Continued)				
RSN-25-100B	WB-120-50	SWA-4000-50	MKA-30-100NB	MKA-150-25NBP
RSN-750-50B	WB-15-100	SWA-5000-50	MKA-30-50	MKA-150-50NBP
RSN-75-100B	WB-15-50	SWA-6000-50	MKA-50-100	MKA-16.67-50
RSN-75-50B	WB-16-100	SWA-1000-100	MKA-50-100NB	MKA-16-100
RSN-25-50B	WB-180-100	SWA-1000-50	MKA-50-50	MKA-200-25
RSN-15-50B	WB-25-100	RSW-100-50	MKA-50-50NB	MKA-200-60
RSN-120-50B	WB-25-50	RSW-10-50	MKA-5-100	MKA-100-10
RSN-20-60B	WB-30-100	RSW-120-50	MKA-5-50	MKA-20-100NBP
RSN-500-75B	WB-30-50	RSW-125-50	MKA-75-100NB	MKA-25-200
RSN-5-75	WB-31-50	RSW-150-50	MKA-75-50	MKA-2-75
RSN-10-150B	WB-33-100	RSW-15-50	MKA-80-100	MKA-30-75
WB-100-100	WB-35-100	RSW-200-50	MKA-80-50	MKA-3-100
WB-100-50	WB-35-50	RSW-20-50	MKA-85-100	MKA-33.33-100
WB-10-100	WB-375-50	RSW-25-50	MKA-85-50	MKA-3-50
WB-10-50	WB-40-100	RSW-30-50	MKA-8-100	MKA-40-100
WB-1-100	WB-40-50	RSW-40-50	MKA-30-100NBP	MKA-40-100NBP
WB-1-50	WB-45-100	RSW-50-50	MKA-20-60	MKA-40-50
WB-150-100	WB-600-50	RSW-5-50	MKA-200-50	MKA-4-50
WB-150-50	WB-60-100	RSW-60-50	MKA-15-200	MKA-50-100NBP
WB-200-100	WB-60-50	RSW-75-50	MKA-60-100	MKA-50-125
WB-200-50	WB-6-50	RSW-80-50	MKA-60-50	MKA-5-60
WB-20-100	WB-750-50	RSW-350-20	MKA-6-50	MKA-5-75
WB-20-50	WB-75-100	RSW-200-100	MKA-2-100	MKA-7.5-100
WB-2-50	WB-75-50	RSW-200-100B	MKA-2-50	MKA-75-100
WB-250-100	WB-8-50	MKA-100-100	MKA-25-100	MKA-75-100NBP
WB-250-50	WB-500-50NB	MKA-100-100NB	MKA-25-50	MKA-75-70
WB-300-100	WB-600-50NB	MKA-100-50	MKA-100-50NBP	MKA-80-10
WB-300-50	RSJ-1500-100	MKA-10-100	MKA-100-75	MKB-170-50
WB-400-100	RSJ-1500-50	MKA-10-100NB	MKA-10-100NBP	MKB-200-100
WB-400-50	RSJ-2000-100	MKA-10-50	MKA-10-200	MKB-200-50
WB-500-100	SWA-1500-100	MKA-150-100	MKA-1-10	MKB-200-50NB
WB-500-50	SWA-1500-50	MKA-150-50	MKA-1-100	MKB-250-100
WB-50-100	SWA-2000-100	MKA-15-100	MKA-120-50	MKB-250-50
WB-50-50	SWA-2000-50	MKA-15-100NB	MKA-12-50	MKB-250-50NB
WB-5-100	SWA-2500-100	MKA-15-50	MKA-125-100	MKB-300-100
WB-5-50	SWA-2500-50	MKA-20-100	MKA-125-50	MKB-300-50
WB-120-100	SWA-3000-100	MKA-20-100NB	MKA-1-50	MKB-300-50NB
WB-20-200	SWA-3000-50	MKA-20-50	MKA-150-15	MKB-400-100
WB-200-200	SWA-4000-100	MKA-30-100	MKA-150-25	MKB-400-50

Affected Part Numbers - SHUNTS (Continued)				
MKB-400-50NB	MKB-650-50	RSA-20-100-NB	RSA-2-100	RSB-600-50NB
MKB-450-100	MKB-75-100	RSA-20-50	RSA-2-50	RSB-100-100
MKB-450-50	MKB-75-100NB	RSA-30-100	RSA-25-100	RSB-100-50
MKB-450-50NB	MKB-75-50	RSA-30-100-NB	RSA-30-100B	RSB-100-50NB
MKB-500-100	MKB-75-50NB	RSA-30-50	RSA-30-50B	RSB-133.3-50
MKB-500-50	MKC-800-100	RSA-50-100	RSA-33.33-100	RSB-150-100
MKB-500-50NB	MKC-800-50	RSA-50-50	RSA-3-50	RSB-150-150
MKB-600-100	MKC-800-50NB	RSA-5-100	RSA-40-100	RSB-150-50
MKB-600-50	MKC-1000-100	RSA-5-50	RSA-40-50	RSB-150-50NB
MKB-600-50NB	MKC-1000-50	RSA-75-100	RSA-50-100B	RSB-200-50B
MKB-100-100	MKC-1000-50B	RSA-75-100-NB	RSA-50-50B	RSB-200-50U
MKB-100-200	MKC-1200-100	RSA-75-50	RSA-50-75	RSB-200-75
MKB-100-50	MKC-1200-50	RSA-80-100	RSA-50-95	RSB-250-100B-NB
MKB-100-50NB	MKC-1200-50NB	RSA-80-50	RSA-5-75	RSB-250-60
MKB-120-200	MKC-1000-60	RSA-85-50	RSA-5-95	RSB-300-75B
MKB-133-50	MKC-100-10	RSA-60-100	RSA-75-100B	RSB-350-100
MKB-150-100	MKC-1200-50B	RSA-60-50	RSA-80-10	RSB-350-50
MKB-150-50	MKC-1500-50	RSA-100-10	RSA-80-100B	RSB-350-50NB
MKB-150-50NB	MKC-2000-50	RSA-100-100	RSB-170-100	RSB-400-60
MKB-15-50	MKC-500-50	RSA-100-100B	RSB-170-50	RSB-400-75
MKB-200-100B-NB	MKC-600-100	RSA-100-50B	RSB-200-100	RSB-450-100B
MKB-200-50BP	MKC-600-50	RSA-100-75	RSB-200-100B-NB	RSB-500-100B
MKB-200-60	MKC-650-100	RSA-10-75	RSB-200-50	RSB-500-150
MKB-200-75	MKC-650-50	RSA-1-100	RSB-200-50-NB	RSB-500-75-NB
MKB-250-100B-NB	MKC-750-100	RSA-120-50	RSB-250-100	RSB-50-50
MKB-250-125	MKC-750-50	RSA-125-50	RSB-250-50	RSB-600-100N
MKB-300-25	MKC-900-100	RSA-1-50	RSB-300-100	RSB-650-50
MKB-300-60	MKC-900-50	RSA-150-100B	RSB-300-50	RSB-75-100
MKB-350-100	RSA-100-100	RSA-150-25	RSB-400-100	RSC-1000-100
MKB-350-50	RSA-100-100-NB	RSA-150-25NBP	RSB-400-50	RSC-1000-50
MKB-350-50NB	RSA-100-50	RSA-150-50B	RSB-400-50NB	RSC-1200-100
MKB-400-60	RSA-10-100	RSA-15-100B	RSB-450-100	RSC-1200-50
MKB-40-50	RSA-10-100NB	RSA-15-60	RSB-450-50	RSC-800-100
MKB-40-50NB	RSA-10-50	RSA-16.67-50	RSB-450-50NB	RSC-800-50
MKB-500-150	RSA-150-100	RSA-1-75	RSB-500-100	RSC-1000-30B
MKB-500-50M	RSA-150-50	RSA-20-100B	RSB-500-50	RSC-1000-50B
MKB-50-50	RSA-15-100	RSA-20-50B	RSB-500-50-NB	RSC-1200-100B
MKB-50-50NB	RSA-15-50	RSA-20-60	RSB-600-100	RSC-1200-50B
MKB-550-50	RSA-20-100	RSA-20-75	RSB-600-50	RSC-1200-75B

**Affected Part Numbers - SHUNTS (Continued)**

RSC-800-100B	RSC-500-50	RSC-650-100	RSC-750-50	RSC-900-100
RSC-1500-50	RSC-600-100	RSC-650-50	RSC-800-50B	RSC-900-50
RSC-2000-50	RSC-600-50			

**Affected Part Numbers - FUSE BLOCKS**

CFB1-110	CFB2-350	FB1-200	NFB-400	FBL-110
CFB1-125	CFB2-400	FB2	NFB-50(CNL)	FBL-200
CFB1-150	CFB2-NF	FB2-250	NFB2	FBL-300
CFB1-175	FB1	FB2-300	F-110	FBL-400
CFB1-200	FB1-110	FB2-350	F-175	FBL-NF
CFB1-NF	FB1-125	FB2-400	F-200	ME-300F
CFB2-250	FB1-150	NFB	F-300	ME-400F
CFB2-300	FB1-175	NFB-200	F-400	