



TDK-Lambda Americas Inc.
3055 Del Sol Blvd.
San Diego, CA 92154 USA
<http://us.tdk-lambda.com/lp>

Oct 1, 2014

Re: Obsolescence of HWS15-150, HK-A, VSB, ZWS5-50, ZWSAF, ZWSPAF and PFE700S Series

Dear Valued Customer / Partner,

TDK-Lambda has received EOL notices for key semiconductors and control ICs used in our HWS15-150, HK-A, VSB, ZWS5-50, ZWSAF, ZWSPAF and PFE700S power supplies, despite negotiations with these suppliers to provide alternative sources of supply.

We have used this as an opportunity to improve the performance of HWS15-150 and PFE700S series, including efficiency, and the new replacements are drop in replacements. Other models we are offering our latest models as alternatives.

A listing of the models and the replacement parts can be found in subsequent pages.

TDK-Lambda recognizes that as a past or current customer of these products, you may require additional units until substitution testing is complete or for service spares. We are offering a last time buy opportunity until September 1st, 2015. Please understand that these orders would be non-cancelable and non-returnable.

Please contact our technical support for additional information. 1-800-526-2324 or email lambda.techsupport@us.tdk-lambda.com

Sincerely,

A handwritten signature in black ink, appearing to read 'Tom Tillman', enclosed within a hand-drawn oval.

Tom Tillman
Director of Marketing

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
HK100A12/A	93	150	34.5	HWS100A12/A	82	160	33	N	N
HK100A15/A	93	150	34.5	HWS100A15/A	82	160	33	N	N
HK100A24/A	93	150	34.5	HWS100A24/A	82	160	33	N	N
HK100A5/A	93	150	34.5	HWS100A5/A	82	160	33	N	N
HK10A12/A	93	150	34.5	HWS15A12/A	82	160	33	N	N
HK10A15/A	68	68	22	HWS15A15/A	82	80	31.5	N	N
HK10A24/A	68	68	22	HWS15A24/A	82	80	31.5	N	N
HK10A5/A	68	68	22	HWS15A5/A	82	80	31.5	N	N
HK150A12/A	93	160	43	HWS150A12/A	82	160	42	N	N
HK150A15/A	93	160	43	HWS150A15/A	82	160	42	N	N
HK150A24/A	93	160	43	HWS150A24/A	82	160	42	N	N
HK150A5/A	93	160	43	HWS150A5/A	82	160	42	N	N
HK15A12/A	68	80	23.5	HWS15A12/A	82	80	31.5	N	N
HK15A15/A	68	80	23.5	HWS15A15/A	82	80	31.5	N	N
HK15A24/A	68	80	23.5	HWS15A24/A	82	80	31.5	N	N
HK15A5/A	68	80	23.5	HWS15A5/A	82	80	31.5	N	N
HK25A12/A	68	95	28	HWS30A12/A	82	95	31.5	N	N
HK25A15/A	68	95	28	HWS30A15/A	82	95	31.5	N	N
HK25A24/A	68	95	28	HWS30A24/A	82	95	31.5	N	N
HK25A5/A	68	95	28	HWS30A5/A	82	95	31.5	N	N
HK50A12	68	119	31	HWS50A12	82	160	33	N	N
HK50A12/A	68	119	31	HWS50A12/A	82	160	33	N	N
HK50A15/A	68	119	31	HWS50A15/A	82	160	33	N	N
HK50A24/A	68	119	31	HWS50A24/A	82	160	33	N	N
HK50A5/A	68	119	31	HWS50A5/A	82	160	33	N	N
PFE700S48	12.7	117	61	PFE700SA48	12.7	117	61	Y	Y
PFE700S48/T	12.7	117	61	PFE700SA48/T	12.7	117	61	Y	Y
HWS153	82	80	31.5	HWS15A3	82	80	31.5	Y	Y
HWS155	82	80	31.5	HWS15A5	82	80	31.5	Y	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
HWS1512	82	80	31.5	HWS15A12	82	80	31.5	Y	Y
HWS1515	82	80	31.5	HWS15A15	82	80	31.5	Y	Y
HWS1524	82	80	31.5	HWS15A24	82	80	31.5	Y	Y
HWS1548	82	80	31.5	HWS15A48	82	80	31.5	Y	Y
HWS153/A	82	80	31.5	HWS15A3/A	82	80	31.5	Y	Y
HWS155/A	82	80	31.5	HWS15A5/A	82	80	31.5	Y	Y
HWS1512/A	82	80	31.5	HWS15A12/A	82	80	31.5	Y	Y
HWS1515/A	82	80	31.5	HWS15A15/A	82	80	31.5	Y	Y
HWS1524/A	82	80	31.5	HWS15A24/A	82	80	31.5	Y	Y
HWS1548/A	82	80	31.5	HWS15A48/A	82	80	31.5	Y	Y
HWS303	82	95	31.5	HWS30A3	82	95	31.5	Y	Y
HWS305	82	95	31.5	HWS30A5	82	95	31.5	Y	Y
HWS3012	82	95	31.5	HWS30A12	82	95	31.5	Y	Y
HWS3015	82	95	31.5	HWS30A15	82	95	31.5	Y	Y
HWS3024	82	95	31.5	HWS30A24	82	95	31.5	Y	Y
HWS3048	82	95	31.5	HWS30A48	82	95	31.5	Y	Y
HWS303/A	82	95	31.5	HWS30A3/A	82	95	31.5	Y	Y
HWS305/A	82	95	31.5	HWS30A5/A	82	95	31.5	Y	Y
HWS3012/A	82	95	31.5	HWS30A12/A	82	95	31.5	Y	Y
HWS3015/A	82	95	31.5	HWS30A15/A	82	95	31.5	Y	Y
HWS3024/A	82	95	31.5	HWS30A24/A	82	95	31.5	Y	Y
HWS3048/A	82	95	31.5	HWS30A48/A	82	95	31.5	Y	Y
HWS3012/ME	82	95	31.5	HWS30A12/ME	82	95	31.5	Y	Y
HWS3015/ME	82	95	31.5	HWS30A15/ME	82	95	31.5	Y	Y
HWS3024/ME	82	95	31.5	HWS30A24/ME	82	95	31.5	Y	Y
HWS3048/ME	82	95	31.5	HWS30A48/A/ME	82	95	31.5	Y	Y
HWS503	82	120	31.5	HWS50A3	82	120	31.5	Y	Y
HWS505	82	120	31.5	HWS50A5	82	120	31.5	Y	Y
HWS5012	82	120	31.5	HWS50A12	82	120	31.5	Y	Y
HWS5015	82	120	31.5	HWS50A15	82	120	31.5	Y	Y
HWS5024	82	120	31.5	HWS50A24	82	120	31.5	Y	Y
HWS5048	82	120	31.5	HWS50A48	82	120	31.5	Y	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
HWS503/A	82	120	31.5	HWS50A3/A	82	120	31.5	Y	Y
HWS505/A	82	120	31.5	HWS50A5/A	82	120	31.5	Y	Y
HWS5012/A	82	120	31.5	HWS50A12/A	82	120	31.5	Y	Y
HWS5015/A	82	120	31.5	HWS50A15/A	82	120	31.5	Y	Y
HWS5024/A	82	120	31.5	HWS50A24/A	82	120	31.5	Y	Y
HWS5048/A	82	120	31.5	HWS50A48/A	82	120	31.5	Y	Y
HWS505/ME	82	120	31.5	HWS50A5/ME	82	120	31.5	Y	Y
HWS5012/ME	82	120	31.5	HWS50A12/ME	82	120	31.5	Y	Y
HWS5015/ME	82	120	31.5	HWS50A15/ME	82	120	31.5	Y	Y
HWS5024/ME	82	120	31.5	HWS50A24/ME	82	120	31.5	Y	Y
HWS5048/ME	82	120	31.5	HWS50A48/ME	82	120	31.5	Y	Y
HWS503/HD	82	120	31.5	HWS50A3/HD	82	120	31.5	Y	Y
HWS505/HD	82	120	31.5	HWS50A5/HD	82	120	31.5	Y	Y
HWS5012/HD	82	120	31.5	HWS50A12/HD	82	120	31.5	Y	Y
HWS5015/HD	82	120	31.5	HWS50A15/HD	82	120	31.5	Y	Y
HWS5024/HD	82	120	31.5	HWS50A24/HD	82	120	31.5	Y	Y
HWS5048/HD	82	120	31.5	HWS50A48/HD	82	120	31.5	Y	Y
HWS1003	82	160	33	HWS100A3	82	160	33	Y	Y
HWS1005	82	160	33	HWS100A5	82	160	33	Y	Y
HWS10012	82	160	33	HWS100A12	82	160	33	Y	Y
HWS10015	82	160	33	HWS100A15	82	160	33	Y	Y
HWS10024	82	160	33	HWS100A24	82	160	33	Y	Y
HWS10048	82	160	33	HWS100A48	82	160	33	Y	Y
HWS1003/A	82	160	33	HWS100A3/A	82	160	33	Y	Y
HWS1005/A	82	160	33	HWS100A5/A	82	160	33	Y	Y
HWS10012/A	82	160	33	HWS100A12/A	82	160	33	Y	Y
HWS10015/A	82	160	33	HWS100A15/A	82	160	33	Y	Y
HWS10024/A	82	160	33	HWS100A24/A	82	160	33	Y	Y
HWS10048/A	82	160	33	HWS100A48/A	82	160	33	Y	Y
HWS1005/ME	82	160	33	HWS100A5/ME	82	160	33	Y	Y
HWS10012/ME	82	160	33	HWS100A12/ME	82	160	33	Y	Y
HWS10015/ME	82	160	33	HWS100A15/ME	82	160	33	Y	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
HWS10024/ME	82	160	33	HWS100A24/ME	82	160	33	Y	Y
HWS10048/ME	82	160	33	HWS100A48/ME	82	160	33	Y	Y
HWS1003/HD	82	160	33	HWS100A3/HD	82	160	33	Y	Y
HWS1005/HD	82	160	33	HWS100A5/HD	82	160	33	Y	Y
HWS10012/HD	82	160	33	HWS100A12HD	82	160	33	Y	Y
HWS10015/HD	82	160	33	HWS100A15/HD	82	160	33	Y	Y
HWS10024/HD	82	160	33	HWS100A24/HD	82	160	33	Y	Y
HWS10048/HD	82	160	33	HWS100A48/HD	82	160	33	Y	Y
HWS1503	82	160	42	HWS150A3	82	160	42	Y	Y
HWS1505	82	160	42	HWS150A5	82	160	42	Y	Y
HWS15012	82	160	42	HWS150A12	82	160	42	Y	Y
HWS15015	82	160	42	HWS150A15	82	160	42	Y	Y
HWS15024	82	160	42	HWS150A24	82	160	42	Y	Y
HWS15048	82	160	42	HWS150A48	82	160	42	Y	Y
HWS1503/A	82	160	42	HWS150A3/A	82	160	42	Y	Y
HWS1505/A	82	160	42	HWS150A5/A	82	160	42	Y	Y
HWS15012/A	82	160	42	HWS150A12/A	82	160	42	Y	Y
HWS15015/A	82	160	42	HWS150A15/A	82	160	42	Y	Y
HWS15024/A	82	160	42	HWS150A24/A	82	160	42	Y	Y
HWS15048/A	82	160	42	HWS150A48/A	82	160	42	Y	Y
HWS1505/ME	82	160	42	HWS150A5/ME	82	160	42	Y	Y
HWS15012/ME	82	160	42	HWS150A12ME	82	160	42	Y	Y
HWS15015/ME	82	160	42	HWS150A15/ME	82	160	42	Y	Y
HWS15024/ME	82	160	42	HWS150A24/ME	82	160	42	Y	Y
HWS15048/ME	82	160	42	HWS150A48/ME	82	160	42	Y	Y
HWS1503/HD	82	160	42	HWS150A3/HD	82	160	42	Y	Y
HWS1505/HD	82	160	42	HWS150A5/HD	82	160	42	Y	Y
HWS15012/HD	82	160	42	HWS150A12HD	82	160	42	Y	Y
HWS15015/HD	82	160	42	HWS150A15/HD	82	160	42	Y	Y
HWS15024/HD	82	160	42	HWS150A24/HD	82	160	42	Y	Y
HWS15048/HD	82	160	42	HWS100A48/HD	82	160	42	Y	Y
HWS10012/RA	82	160	33	HWS100A12/RA	82	160	33	Y	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
HWS1005/R	82	160	33	HWS100A5/R	82	160	33	Y	Y
HWS15012/RA	82	160	42	HWS150A12/RA	82	160	42	Y	Y
HWS5015/RA	82	160	42	HWS50A15/RA	82	160	42	Y	Y
ZWS512	21	98	45	ZWS10B12	22	73.5	50	N	N
ZWS512/A	21	98	45	ZWS10B12/A	22	73.5	50	N	N
ZWS512/J	21	98	45	ZWS10B12	22	73.5	50	N	Y
ZWS512/JA	21	98	45	ZWS10B12/A	22	73.5	50	N	Y
ZWS515	21	98	45	ZWS10B15	22	73.5	50	N	N
ZWS515/A	21	98	45	ZWS10B15/A	22	73.5	50	N	N
ZWS515/J	21	98	45	ZWS10B15	22	73.5	50	N	Y
ZWS515/JA	21	98	45	ZWS10B15/A	22	73.5	50	N	Y
ZWS524	21	98	45	ZWS10B24	22	73.5	50	N	N
ZWS524/A	21	98	45	ZWS10B24/A	22	73.5	50	N	N
ZWS524/J	21	98	45	ZWS10B24	22	73.5	50	N	Y
ZWS524/JA	21	98	45	ZWS10B24/A	22	73.5	50	N	Y
ZWS53	21	98	45	ZWS10B3	22	73.5	50	N	N
ZWS53/A	21	98	45	ZWS10B3/A	22	73.5	50	N	N
ZWS53/J	21	98	45	ZWS10B3	22	73.5	50	N	Y
ZWS53/JA	21	98	45	ZWS10B3/A	22	73.5	50	N	Y
ZWS55	21	98	45	ZWS10B5	22	73.5	50	N	N
ZWS55/A	21	98	45	ZWS10B5/A	22	73.5	50	N	N
ZWS55/J	21	98	45	ZWS10B5	22	73.5	50	N	Y
ZWS55/JA	21	98	45	ZWS10B5/A	22	73.5	50	N	Y
ZWS1012	21	105	50	ZWS10B12	22	73.5	50	N	N
ZWS1012/A	21	105	50	ZWS10B12/A	22	73.5	50	N	N
ZWS1012/J	21	105	50	ZWS10B12	22	73.5	50	N	Y
ZWS1012/JA	21	105	50	ZWS10B12/A	22	73.5	50	N	Y
ZWS1015	21	105	50	ZWS10B15	22	73.5	50	N	N
ZWS1015/A	21	105	50	ZWS10B15/A	22	73.5	50	N	N
ZWS1015/J	21	105	50	ZWS10B15	22	73.5	50	N	Y
ZWS1015/JA	21	105	50	ZWS10B15/A	22	73.5	50	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS1024	21	105	50	ZWS10B24	22	73.5	50	N	N
ZWS1024/A	21	105	50	ZWS10B24/A	22	73.5	50	N	N
ZWS1024/J	21	105	50	ZWS10B24	22	73.5	50	N	Y
ZWS1024/JA	21	105	50	ZWS10B24/A	22	73.5	50	N	Y
ZWS103	21	105	50	ZWS10B3	22	73.5	50	N	N
ZWS103/A	21	105	50	ZWS10B3/A	22	73.5	50	N	N
ZWS103/J	21	105	50	ZWS10B3	22	73.5	50	N	Y
ZWS103/JA	21	105	50	ZWS10B3/A	22	73.5	50	N	Y
ZWS105	21	105	50	ZWS10B5	22	73.5	50	N	N
ZWS105/A	21	105	50	ZWS10B5/A	22	73.5	50	N	N
ZWS105/J	21	105	50	ZWS10B5	22	73.5	50	N	Y
ZWS105/JA	21	105	50	ZWS10B5/A	22	73.5	50	N	Y
ZWS1512	21	125	50	ZWS15B12	22	87.5	50	N	N
ZWS1512/A	21	125	50	ZWS15B12/A	22	87.5	50	N	N
ZWS1512/J	21	125	50	ZWS15B12	22	87.5	50	N	Y
ZWS1512/JA	21	125	50	ZWS15B12/A	22	87.5	50	N	Y
ZWS1515	21	125	50	ZWS15B15	22	87.5	50	N	N
ZWS1515/A	21	125	50	ZWS15B15/A	22	87.5	50	N	N
ZWS1515/J	21	125	50	ZWS15B15	22	87.5	50	N	Y
ZWS1515/JA	21	125	50	ZWS15B15/A	22	87.5	50	N	Y
ZWS1524	21	125	50	ZWS15B24	22	87.5	50	N	N
ZWS1524/A	21	125	50	ZWS15B24/A	22	87.5	50	N	N
ZWS1524/J	21	125	50	ZWS15B24	22	87.5	50	N	Y
ZWS1524/JA	21	125	50	ZWS15B24/A	22	87.5	50	N	Y
ZWS153	21	125	50	ZWS15B3	22	87.5	50	N	N
ZWS153/A	21	125	50	ZWS15B3/A	22	87.5	50	N	N
ZWS153/J	21	125	50	ZWS15B3	22	87.5	50	N	Y
ZWS153/JA	21	125	50	ZWS15B3/A	22	87.5	50	N	Y
ZWS155	21	125	50	ZWS15B5	22	87.5	50	N	N
ZWS155/A	21	125	50	ZWS15B5/A	22	87.5	50	N	N
ZWS155/J	21	125	50	ZWS15B5	22	87.5	50	N	Y
ZWS155/JA	21	125	50	ZWS15B5/A	22	87.5	50	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS3012	26	133	55	ZWS30B12	26	105	50	N	N
ZWS3012/A	26	133	55	ZWS30B12/A	26	105	50	N	N
ZWS3012/J	26	133	55	ZWS30B12	26	105	50	N	Y
ZWS3012/JA	26	133	55	ZWS30B12/A	26	105	50	N	Y
ZWS3015	26	133	55	ZWS30B15	26	105	50	N	N
ZWS3015/A	26	133	55	ZWS30B15/A	26	105	50	N	N
ZWS3015/J	26	133	55	ZWS30B15	26	105	50	N	Y
ZWS3015/JA	26	133	55	ZWS30B15/A	26	105	50	N	Y
ZWS3024	26	133	55	ZWS30B24	26	105	50	N	N
ZWS3024/A	26	133	55	ZWS30B24/A	26	105	50	N	N
ZWS3024/J	26	133	55	ZWS30B24	26	105	50	N	Y
ZWS3024/JA	26	133	55	ZWS30B24/A	26	105	50	N	Y
ZWS303	26	133	55	ZWS30B3	26	105	50	N	N
ZWS303/A	26	133	55	ZWS30B3/A	26	105	50	N	N
ZWS303/J	26	133	55	ZWS30B3	26	105	50	N	Y
ZWS303/JA	26	133	55	ZWS30B3/A	26	105	50	N	Y
ZWS3036	26	133	55	ZPSA4036	27	102	51	N	N
ZWS3036/A	26	133	55	-					
ZWS3036/J	26	133	55	ZPSA4036	27	102	51	N	N
ZWS3036/JA	26	133	55	-					
ZWS3048	26	133	55	ZPSA4048	27	102	51	N	N
ZWS3048/A	26	133	55	-					
ZWS3048/J	26	133	55	ZPSA4048	27	102	51	N	N
ZWS3048/JA	26	133	55	-					
ZWS305	26	133	55	ZWS30B5	26	105	50	N	N
ZWS305/A	26	133	55	ZWS30B5/A	26	105	50	N	N
ZWS305/J	26	133	55	ZWS30B5	26	105	50	N	Y
ZWS305/JA	26	133	55	ZWS305/A	26	105	50	N	Y
ZWS5012	26	195	55	ZWS50BAF12	26	132	50	N	N
ZWS5012/A	26	195	55	ZWS50BAF12/A	26	132	50	N	N
ZWS5012/J	26	195	55	ZWS50BAF12	26	132	50	N	Y
ZWS5012/JA	26	195	55	ZWS50BAF12/A	26	132	50	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS5015	26	195	55	ZWS50BAF15	26	132	50	N	N
ZWS5015/A	26	195	55	ZWS50BAF15/A	26	132	50	N	N
ZWS5015/J	26	195	55	ZWS50BAF15	26	132	50	N	Y
ZWS5015/JA	26	195	55	ZWS50BAF15/A	26	132	50	N	Y
ZWS5024	26	195	55	ZWS50BAF24	26	132	50	N	N
ZWS5024/A	26	195	55	ZWS50BAF24/A	26	132	50	N	N
ZWS5024/J	26	195	55	ZWS50BAF24	26	132	50	N	Y
ZWS5024/JA	26	195	55	ZWS50BAF24/A	26	132	50	N	Y
ZWS503	26	195	55	ZWS50BAF3	26	132	50	N	N
ZWS503/A	26	195	55	ZWS50BAF3/A	26	132	50	N	N
ZWS503/J	26	195	55	ZWS50BAF3	26	132	50	N	Y
ZWS503/JA	26	195	55	ZWS50BAF3/A	26	132	50	N	Y
ZWS5036	26	195	55	ZPSA6036	27	102	51	N	N
ZWS5036/A	26	195	55	-					
ZWS5036/J	26	195	55	ZPSA6036	27	102	51	N	N
ZWS5036/JA	26	195	55	-					
ZWS5048	26	195	55	ZWS50BAF48	26	132	50	N	N
ZWS5048/A	26	195	55	ZWS50BAF48/A	26	132	50	N	N
ZWS5048/J	26	195	55	ZWS50BAF48	26	132	50	N	Y
ZWS5048/JA	26	195	55	ZWS50BAF48/A	26	132	50	N	Y
ZWS505	26	195	55	ZWS50BAF5	26	132	50	N	N
ZWS505/A	26	195	55	ZWS50BAF5/A	26	132	50	N	N
ZWS505/J	26	195	55	ZWS50BAF5	26	132	50	N	Y
ZWS505/JA	26	195	55	ZWS50BAF5/A	26	132	50	N	Y
ZWS50AF12	26	195	55	ZWS50BAF12	26	132	50	N	N
ZWS50AF12/A	26	195	55	ZWS50AF12/A	26	132	50	N	N
ZWS50AF12/J	26	195	55	ZWS50BAF12	26	132	50	N	Y
ZWS50AF12/JA	26	195	55	ZWS50BAF12/A	26	132	50	N	Y
ZWS50AF15	26	195	55	ZWS50BAF15	26	132	50	N	N
ZWS50AF15/A	26	195	55	ZWS50BAF15/A	26	132	50	N	N
ZWS50AF15/J	26	195	55	ZWS50BAF15	26	132	50	N	Y
ZWS50AF15/JA	26	195	55	ZWS50BAF15/A	26	132	50	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS50AF24	26	195	55	ZWS50BAF24	26	132	50	N	N
ZWS50AF24/A	26	195	55	ZWS50BAF24/A	26	132	50	N	N
ZWS50AF24/J	26	195	55	ZWS50BAF24	26	132	50	N	Y
ZWS50AF24/JA	26	195	55	ZWS50BAF24/A	26	132	50	N	Y
ZWS50AF5	26	195	55	ZWS50BAF5	26	132	50	N	N
ZWS50AF5/A	26	195	55	ZWS50BAF5/A	26	132	50	N	N
ZWS50AF5/J	26	195	55	ZWS50BAF5	26	132	50	N	Y
ZWS50AF5/JA	26	195	55	ZWS50BAF5/A	26	132	50	N	Y
ZWS75AF12	32	222	55	ZWS75BAF12	33	150	50	N	N
ZWS75AF12/A	32	222	55	ZWS75BAF12/A	33	150	50	N	N
ZWS75AF12/J	32	222	55	ZWS75BAF12	33	150	50	N	Y
ZWS75AF12/JA	32	222	55	ZWS75BAF12/A	33	150	50	N	Y
ZWS75AF15	32	222	55	ZWS75BAF15	33	150	50	N	N
ZWS75AF15/A	32	222	55	ZWS75BAF15/A	33	150	50	N	N
ZWS75AF15/J	32	222	55	ZWS75BAF15	33	150	50	N	Y
ZWS75AF15/JA	32	222	55	ZWS75BAF15/A	33	150	50	N	Y
ZWS75AF24	32	222	55	ZWS75BAF24	33	150	50	N	N
ZWS75AF24/A	32	222	55	ZWS75BAF24/A	33	150	50	N	N
ZWS75AF24/J	32	222	55	ZWS75BAF24	33	150	50	N	Y
ZWS75AF24/JA	32	222	55	ZWS75BAF24/A	33	150	50	N	Y
ZWS75AF3	32	222	55	ZWS75BAF3	33	150	50	N	N
ZWS75AF3/A	32	222	55	ZWS75BAF3/A	33	150	50	N	N
ZWS75AF3/J	32	222	55	ZWS75BAF3	33	150	50	N	Y
ZWS75AF3/JA	32	222	55	ZWS75BAF3/A	33	150	50	N	Y
ZWS75AF36	32	222	55	ZMS10036	32	102	51	N	N
ZWS75AF36/A	32	222	55	-					
ZWS75AF36/J	32	222	55	ZMS10036	32	102	51	N	N
ZWS75AF36/JA	32	222	55	-					
ZWS75AF48	32	222	55	ZMS10048	32	102	51	N	N
ZWS75AF48/A	32	222	55	-					
ZWS75AF48/J	32	222	55	ZMS10048	32	102	51	N	N
ZWS75AF48/JA	32	222	55	-					

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS75AF5	32	222	55	ZWS75BAF5	33	150	50	N	N
ZWS75AF5/A	32	222	55	ZWS75BAF5/A	33	150	50	N	N
ZWS75AF5/J	32	222	55	ZWS75BAF5	33	150	50	N	Y
ZWS75AF5/JA	32	222	55	ZWS75BAF5/A	33	150	50	N	Y
ZWS100AF12	35	222	62	ZWS100BAF12	33	155	62	N	N
ZWS100AF12/A	35	222	62	ZWS100BAF12/A	33	155	62	N	N
ZWS100AF12/J	35	222	62	ZWS100BAF12	33	155	62	N	Y
ZWS100AF12/JA	35	222	62	ZWS100BAF12/A	33	155	62	N	Y
ZWS100AF15	35	222	62	ZWS100BAF15	33	155	62	N	N
ZWS100AF15/A	35	222	62	ZWS100BAF15/A	33	155	62	N	N
ZWS100AF15/J	35	222	62	ZWS100BAF15	33	155	62	N	Y
ZWS100AF15/JA	35	222	62	ZWS100BAF15/A	33	155	62	N	Y
ZWS100AF24	35	222	62	ZWS100BAF24	33	155	62	N	N
ZWS100AF24/A	35	222	62	ZWS100BAF24/A	33	155	62	N	N
ZWS100AF24/J	35	222	62	ZWS100BAF24	33	155	62	N	Y
ZWS100AF24/JA	35	222	62	ZWS100BAF24/A	33	155	62	N	Y
ZWS100AF3	35	222	62	ZWS100BAF3	33	155	62	N	N
ZWS100AF3/A	35	222	62	ZWS100BAF3/A	33	155	62	N	N
ZWS100AF3/J	35	222	62	ZWS100BAF3	33	155	62	N	Y
ZWS100AF3/JA	35	222	62	ZWS100BAF3/A	33	155	62	N	Y
ZWS100AF36	35	222	62	ZMS10036	32	102	51	N	N
ZWS100AF36/A	35	222	62	-					
ZWS100AF36/J	35	222	62	ZMS10036	32	102	51	N	N
ZWS100AF36/JA	35	222	62	-					
ZWS100AF48	35	222	62	ZWS100BAF48	33	155	62	N	N
ZWS100AF48/A	35	222	62	ZWS100BAF48/A	33	155	62	N	N
ZWS100AF48/J	35	222	62	ZWS100BAF48	33	155	62	N	Y
ZWS100AF48/JA	35	222	62	ZWS100BAF48/A	33	155	62	N	Y
ZWS100AF5	35	222	62	ZWS100BAF5	33	155	62	N	N
ZWS100AF5/A	35	222	62	ZWS100BAF5/A	33	155	62	N	N
ZWS100AF5/J	35	222	62	ZWS100BAF5	33	155	62	N	Y
ZWS100AF5/JA	35	222	62	ZWS100BAF5/A	33	155	62	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS150AF12	40	222	75	ZWS150BAF12	37	160	75	N	N
ZWS150AF12/A	40	222	75	ZWS150BAF12/A	37	160	75	N	N
ZWS150AF12/J	40	222	75	ZWS150BAF12	37	160	75	N	Y
ZWS150AF12/JA	40	222	75	ZWS150BAF12/A	37	160	75	N	Y
ZWS150AF15	40	222	75	ZWS150BAF15	37	160	75	N	N
ZWS150AF15/A	40	222	75	ZWS150BAF15/A	37	160	75	N	N
ZWS150AF15/J	40	222	75	ZWS150BAF15	37	160	75	N	Y
ZWS150AF15/JA	40	222	75	ZWS150BAF15/A	37	160	75	N	Y
ZWS150AF24	40	222	75	ZWS150BAF24	37	160	75	N	N
ZWS150AF24/A	40	222	75	ZWS150BAF24/A	37	160	75	N	N
ZWS150AF24/J	40	222	75	ZWS150BAF24	37	160	75	N	Y
ZWS150AF24/JA	40	222	75	ZWS150BAF24/A	37	160	75	N	Y
ZWS150AF3	40	222	75	ZWS150BAF3	37	160	75	N	N
ZWS150AF3/A	40	222	75	ZWS150BAF3/A	37	160	75	N	N
ZWS150AF3/J	40	222	75	ZWS150BAF3	37	160	75	N	Y
ZWS150AF3/JA	40	222	75	ZWS150BAF3/A	37	160	75	N	Y
ZWS150AF36	40	222	75	-					
ZWS150AF36/A	40	222	75	-					
ZWS150AF36/J	40	222	75	-					
ZWS150AF36/JA	40	222	75	-					
ZWS150AF48	40	222	75	-					
ZWS150AF48/A	40	222	75	-					
ZWS150AF48/J	40	222	75	-					
ZWS150AF48/JA	40	222	75	-					
ZWS150AF5	40	222	75	ZWS150BAF5	37	160	75	N	N
ZWS150AF5/A	40	222	75	ZWS150BAF5/A	37	160	75	N	N
ZWS150AF5/J	40	222	75	ZWS150BAF5	37	160	75	N	Y
ZWS150AF5/JA	40	222	75	ZWS150BAF5/A	37	160	75	N	Y
ZWS150PAF24	40	208	80	ZWS150BP24	37	160	75	N	N
ZWS150PAF24/A	40	208	80	ZWS150BP24/A	37	160	75	N	N
ZWS150PAF24/J	40	208	80	ZWS150BP24	37	160	75	N	Y
ZWS150PAF24/JA	40	208	80	ZWS150BP24/A	37	160	75	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS150PAF24/JL	40	208	80	ZWS150BP24/L	37	160	75	N	N
ZWS150PAF24/L	40	208	80	ZWS150BP24/L	37	160	75	N	N
ZWS150PAF24/S	40	208	80	-					
ZWS150PAF24/SA	40	208	80	-					
ZWS150PAF24/SL	40	208	80	-					
ZWS150PAF24/T	40	208	80	ZWS150BP24/T	37	160	75	N	Y
ZWS150PAF24/TA	40	208	80	ZWS150BP24/TA	37	160	75	N	Y
ZWS150PAF24/TL	40	208	80	ZWS150BP24/TL	37	160	75	N	Y
ZWS150PAF36	40	208	80	ZWS150BP36	37	160	75	N	N
ZWS150PAF36/A	40	208	80	ZWS150BP36/A	37	160	75	N	N
ZWS150PAF36/J	40	208	80	ZWS150BP36	37	160	75	N	Y
ZWS150PAF36/JA	40	208	80	ZWS150BP36/A	37	160	75	N	Y
ZWS150PAF36/JL	40	208	80	ZWS150BP36/L	37	160	75	N	N
ZWS150PAF36/L	40	208	80	ZWS150BP36/L	37	160	75	N	N
ZWS150PAF36/S	40	208	80	-					
ZWS150PAF36/SA	40	208	80	-					
ZWS150PAF36/SL	40	208	80	-					
ZWS150PAF36/T	40	208	80	ZWS150BP36/T	37	160	75	N	Y
ZWS150PAF36/TA	40	208	80	ZWS150BP36/TA	37	160	75	N	Y
ZWS150PAF36/TL	40	208	80	ZWS150BP36/TL	37	160	75	N	Y
ZWS150PAF48	40	208	80	ZWS150BP48	37	160	75	N	N
ZWS150PAF48/A	40	208	80	ZWS150BP48/A	37	160	75	N	N
ZWS150PAF48/J	40	208	80	ZWS150BP48	37	160	75	N	Y
ZWS150PAF48/JA	40	208	80	ZWS150BP48/A	37	160	75	N	Y
ZWS150PAF48/JL	40	208	80	ZWS150BP48/L	37	160	75	N	N
ZWS150PAF48/L	40	208	80	ZWS150BP48/L	37	160	75	N	N
ZWS150PAF48/S	40	208	80	-					
ZWS150PAF48/SA	40	208	80	-					
ZWS150PAF48/SL	40	208	80	-					
ZWS150PAF48/T	40	208	80	ZWS150BP48/T	37	160	75	N	Y
ZWS150PAF48/TA	40	208	80	ZWS150BP48/TA	37	160	75	N	Y
ZWS150PAF48/TL	40	208	80	ZWS150BP48/TL	37	160	75	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
ZWS240PAF24	45	222	95	ZWS240BP24	42	180	84	N	N
ZWS240PAF24/A	45	222	95	ZWS240BP24/A	42	180	84	N	N
ZWS240PAF24/J	45	222	95	ZWS240BP24/J	42	180	84	N	Y
ZWS240PAF24/JA	45	222	95	ZWS240BP24/JA	42	180	84	N	Y
ZWS240PAF24/JL	45	222	95	ZWS240BP24/JL	42	180	84	N	Y
ZWS240PAF24/L	45	222	95	ZWS240BP24/L	42	180	84	N	N
ZWS240PAF24/S	45	222	95	-					
ZWS240PAF24/T	45	222	95	ZWS240BP24/T	42	180	84	N	Y
ZWS240PAF24/TA	45	222	95	ZWS240BP24/TA	42	180	84	N	Y
ZWS240PAF24/TL	45	222	95	ZWS240BP24/TL	42	180	84	N	Y
ZWS240PAF36	45	222	95	ZWS240BP36	42	180	84	N	N
ZWS240PAF36/A	45	222	95	ZWS240BP36/A	42	180	84	N	N
ZWS240PAF36/J	45	222	95	ZWS240BP36/J	42	180	84	N	Y
ZWS240PAF36/JA	45	222	95	ZWS240BP36/JA	42	180	84	N	Y
ZWS240PAF36/JL	45	222	95	ZWS240BP36/JL	42	180	84	N	Y
ZWS240PAF36/L	45	222	95	ZWS240BP36/L	42	180	84	N	N
ZWS240PAF36/S	45	222	95	-					
ZWS240PAF36/T	45	222	95	ZWS240BP36/T	42	180	84	N	Y
ZWS240PAF36/TA	45	222	95	ZWS240BP36/TA	42	180	84	N	Y
ZWS240PAF36/TL	45	222	95	ZWS240BP36/TL	42	180	84	N	Y
ZWS240PAF48	45	222	95	ZWS240BP48	42	180	84	N	N
ZWS240PAF48/A	45	222	95	ZWS240BP48/A	42	180	84	N	N
ZWS240PAF48/J	45	222	95	ZWS240BP48/J	42	180	84	N	Y
ZWS240PAF48/JA	45	222	95	ZWS240BP48/JA	42	180	84	N	Y
ZWS240PAF48/JL	45	222	95	ZWS240BP48/JL	42	180	84	N	Y
ZWS240PAF48/L	45	222	95	ZWS240BP48/L	42	180	84	N	N
ZWS240PAF48/S	45	222	95	-					
ZWS240PAF48/T	45	222	95	ZWS240BP48/T	42	180	84	N	Y
ZWS240PAF48/TA	45	222	95	ZWS240BP48/TA	42	180	84	N	Y
ZWS240PAF48/TL	45	222	95	ZWS240BP48/TL	42	180	84	N	Y
VS50B12	25	195	50	VS50E12	23	132	50	N	Y

EOL Model number	Height	Depth	Width	Replacement model	Height	Depth	Width	Mounting compatibility	Connector compatibility
VS50B15	25	195	50	VS50E15	23	132	50	N	Y
VS50B24	25	195	50	VS50E24	23	132	50	N	Y
VS50B3	25	195	50	VS50E3	23	132	50	N	Y
VS50B5	25	195	50	VS50E5	23	132	50	N	Y
VS100B12	32	222	50	VS100E12	29	155	62	N	Y
VS100B15	32	222	50	VS100E15	29	155	62	N	Y
VS100B24	32	222	50	VS100E24	29	155	62	N	Y
VS100B3	32	222	50	VS100E3	29	155	62	N	Y
VS100B36	32	222	50	-					
VS100B48	32	222	50	VS100E48	29	155	62	N	Y
VS100B5	32	222	50	VS100E5	29	155	62	N	Y
VS150B12	36	222	75	VS150E12	34	160	75	N	Y
VS150B15	36	222	75	VS150E15	34	160	75	N	Y
VS150B24	36	222	75	VS150E24	34	160	75	N	Y
VS150B3	36	222	75	VS150E3	34	160	75	N	Y
VS150B36	36	222	75	-					
VS150B48	36	222	75	VS150E48	34	160	75	N	Y
VS150B5	36	222	75	VS150E5	34	160	75	N	Y