



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 Distributor,

TDK-Lambda has received EOL notices for key semiconductors and control ICs used in our HWS15-150, HK-A, VSB, ZWS5-50, ZWSAF, ZWSPAF, 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 products as alternatives.

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

TDK-Lambda recognizes that as a Distributor, you have past or current customers of these products, and 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 note that although the distribution contract states you have 60 days to return products from this notice, we are offering an extension to one year from the Last Time Buy date (Sept 1, 2016) in order to support you and your end customers & reduce your inventory risk.

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