Selection Guide 2018

TDK-Lambda

## **Power Line EMC Filters Selection Guide**

Power	Borformanaa	Cases	Tarminal Structure		Functi	ion		Series *1	Released	Rated Voltage (V)					Rated Current (A)	Cof	sty Standar	rdo
Supply	Performance	Shape	Terminal Structure	High frequency noise volta correspondence corres	High ge pulses spondence current	age DIN Rail *1 mount *1	Output Inverter correspondence	Series 1	Year/Month	Hated Voltage (V)	0.5 1	2 3	4 5	6 10	16 20 30 40 50 60 80 100 150 200 250 300 400 600 1000	Sar	ety Standar	as
				•		-	-	RPE	'12/09	250		•		• •		<b>.51</b> 2°us		N
				•		-	-	RPE-R	'12/09	250		•		• •		<b>;51</b> 2,02		N
				•	-	-	-	RPE-L	'12/09	250		•		• •		<b>:\$1</b> 2° us		N
				•	-	-	-	RPE-RL	'12/09	250		•		• •		<b>c71</b> 2 us		N
				•	-	-	-	RPA	'12/09	250		•		•		<b>571</b> ° us		N
		IEC Inlet	Faston #250 *2	•	-	-	-	RPA-R	'12/09	250		•		•		<b>c51</b> 2 us		N
		met		•	• •	-	-	RPA-L	'12/09	250		•		•		<b>c71</b> 0s		N
				•	• •	-	-	RPA-RL	'12/09	250		•		•		c <b>SU</b> us		N
				•		-	-	RPE-F01	'12/09	250		•		•		c <b>SU</b> °us		N
				•		-	-	RPE-F02	'12/09	250		•		•		c <b>SU</b> 'us		N
				_	-	-	-	RPE-F01L	'12/09	250		•		•		c <b>71</b> 0s		N
				•	-		-	RPE-F02L	'12/09	250				•		c <b>71</b> 0s		(N)
			Pin terminal	-	_	-		RSEG	'12/09	250	• •	• •		•		c <b>91</b> 0s		<b>1</b> 14
						-		RSAG	'12/09	250	• •	• •		•		c <b>71</b> 2 us		<b>1</b> 14
				•		-		RSEC NEW	'16/07	250				•		c <b>71</b> 2 us	<b>6</b>	<b>1</b> 14
	Multipurpose		Faston #110 *2	•			-	RSEL-A	'07/07	250	• •	• •		•		<i>5</i> 1	<b>®</b>	<b>1</b> 14
	Waitipal pose				-		-	RSEL-AL	'07/07	250	• •	• •		•		<i>5</i> 1	<b>®</b>	<b>1</b> 14
		Cmall	UL1015 Wire				-	RSEL-W	'07/07 '07/07	250	• •	• •		•		<i>5</i> 1	<b>®</b>	<b>1</b> 14
		Small	OLTO 15 WIFE	•	- •		-	RSEL-WL RSEL-M	'14/05	250	• •	• •		•		<i>5</i> 1	<b>®</b>	<b>1</b> 4
						-		RSAL-A	'07/07	250		• •		•		<i>FU</i>	<b>®</b>	S ATT
Single			Faston #110 *2	•	• •			RSAL-AL	'07/07	250 250		• •		•		<i>5</i> U	<b>(</b>	<b>1</b> 14
J				•	• -		-	RSAL-W	'07/07	250		• •		•		<i>50</i>	<b>⊕</b>	<b>3</b> 14
			UL1015 Wire	•	• •			RSAL-WL	'07/07	250		• •		•		<i>5</i> U	<b>⊕</b>	<b>3</b> 14
			Block Terminal (Self-up screw)	•		Separately so	ld _	RSEV NEW	'17/06	250				• •	• • •	<b>57</b> 0s	₩.	(3) 15
			(Selt-up screw)	-		(DIN-RSEV)		RSEN	'07/07	250							∰.	<b>3</b> 14
					. •			RSEN-L	'07/07	250		•		• •	• • •	FU FU	<b>(</b>	(E) 14
				•				RSEN-D	'07/07	250		•		• •	• • •	<i>5</i> U	<b>(</b>	<b>3</b> 4
				•	-		_	RSEN-LD	'07/07	250		•		• •	• • •	<i>7</i> U	<b>⊕</b>	₹¥14
		Low		•	• -		- ·	RSAN	'07/07	250		•		• •	• • • • •	<i>7</i> U	<b>⊕</b>	<b>3</b> 4
		pi onio		•	• •		-	RSAN-L	'07/07	250		•		• •	• • •	<i>7</i> U	(B)	<b>I</b> 14
				•	• -		-	RSAN-D	'07/07	250		•		• •	• • •	<i>5</i> U	<b>⊕</b>	<b>I</b> 14
			Block Terminal	•	• •		-	RSAN-LD	'07/07	250		•		• •	• • •	74	<b>⊕</b>	<b>I</b> I14
			(Self-up screw)	•		-	-	RSHN	'07/07	250		•		• •	0 0 0 0 0 0 0 0 0 0 3	<i>9</i> 1	<b>⊕</b>	<b>1</b> 14
				•	- •	-		RSHN-L	'07/07	250		•		• •	• • •	<i>9</i> 1	<b>⊕</b>	<b>I</b> I14
				•		•	-	RSHN-D	'07/07	250		•		• •		<i>9</i> 1	<b>⊕</b>	<b>1</b> 14
				•	- •	•	-	RSHN-LD	'07/07	250		•		• •		<b>71</b>	∰.	<b>I</b> I14
	Wide range high	Low		•	• -	-	-	RSMN	'07/07	250		•		• •	• • • • • • *3	<b>71</b>	∰.	<b>3</b> 14
	attenuation	profile		•	• •	-	-	RSMN-L	'07/07	250		•		• •		<i>5</i> 1	<b>⊕</b>	<b>1</b> 14
				•	• -	•	-	RSMN-D	'07/07	250		•		• •	• • •	<i>5</i> 1	∰.	<b>1</b> 14
				•	• •	•	-	RSMN-LD	'07/07	250		•		• •	• • •	7/	<b>®</b>	<b>3</b> 14
			Block Terminal	•		-	-	RSKN	'14/05	250				• •	• •	<i>7</i> 1	∰.	S

<sup>\*1</sup> L: For low leakage (current to 30A), D: For DIN Rail mount (current to 30A) \*2 Faston® is a registered trademark of TE Connectivity.

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<sup>\*3</sup> See relevant product pages for details about safety standard certification of models enclosed in blue boxes.

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Power Supply	Performance	Cases Shape	Terminal Structure	High frequency noise correspondence	High voltage pulses correspondence	Function  Low leakage current *1	DIN Rail mount *1	Output Inverter correspondence		Series *1	Released Year/Month	Rated Voltage (V)	0.5 1 2 3 4 5			Rated Current (A) 5 6 10 16 20 30 40 50			60 80 100 150 200 250 300 400 600 1000			00	Safety St	andards							
				•	-	-	-	-	RTEN		'07/07	500					•	•	•	•	•	•	•	•	• •	*2		<i>9</i> 1	<b>1</b> 14		
				•	-	-	•	-	RTEN-D		'07/07	500					•	•	•	•								<i>7</i> 1	<b>14</b>		
	Multipurpose	Low		•	•	-	-	-	RTAN	al.	'07/07	500					•	•	•	•		•						<i>5</i> 1	<b>3</b> 14		
		<b>p</b> . cc				•	•	-	•	-	RTAN-D		'07/07	500					•	•	•	•								<i>5</i> 1	<b>1</b> 14
				•	-	•	-	•	RTCN		'07/07	500					•	•	•	•	•	•	•	• •	• •	2		<i>5</i> 1	<b>1</b> 14		
Three	Wide range high attenuation		Block Terminal	•	-	-	-	-	RTEN-J9J	3-00 NEW	'17/06	500											•	• •	• •				<b>1</b> 14		
		Low	(Self-up screw)	•	-	-	-	-	RTHN		'07/07	500					•	•	•	•	•		•	• •	• •	*2		<i>5</i> 1	<b>1</b> 14		
				•	•	-	-	-	RTMN	Walter Street	'07/07	500						•	•	•	•	•						<i>7</i> .1	<b>1</b> 14		
	attendation	Book		•	-	-	-	-	RTHB	TEE	'07/07	500					•	•	•	•	•	•	•	•				<i>5</i> 1	<b>1</b> 14		
		Cube		•	-	-	-	-	RTHC	1	'07/07	500						•	•	•	•		•	• •	• •	*2		<i>5</i> 1	<b>1</b> 14		
	Low leakage current	Low		•	-	•	-	-	RTEN-2		'14/05	250					•	•	•	•			• •	• •	• •	*2		<i>5</i> 1	<b>1</b> 14		
		profile		•	-	•	-	-	RTHN-2	5	'14/05	250					•	•	•	•	•	•	• •	•	• •	*2		<i>7</i> 1	<b>1</b> 14		

F	Power	Cases	T		F	Function				0.00	Released	Datad Valtage (I)					Rated (	Current (	(A)				Cofety Chandrade			
6	, Penormance	Shape	Terminal Structure	High frequency noise correspondence	High voltage pulses correspondence	Low leakage current *1	DIN Rail mount *1	Output Inverter correspondence	Series		Year/Month Hated Voltage (V)		0.5 1	2 3	4 5 6 10		10 16 20 30 40 50		60 60 80 100 150 200 250 300 400 600 1		0 600 1000	Safety Standards				
	DC For DC48V	Low	Stud	•	-	-	-	-	RDEN	1	'14/05	48							•				c <b>FL</b> us	<u>S</u>		

<sup>\*1</sup> D: For DIN Rail mount (current to 30A)

 $2 \over 13$ 

<sup>\*2</sup> See relevant product pages for details about safety standard certification of models enclosed in blue boxes.