

4

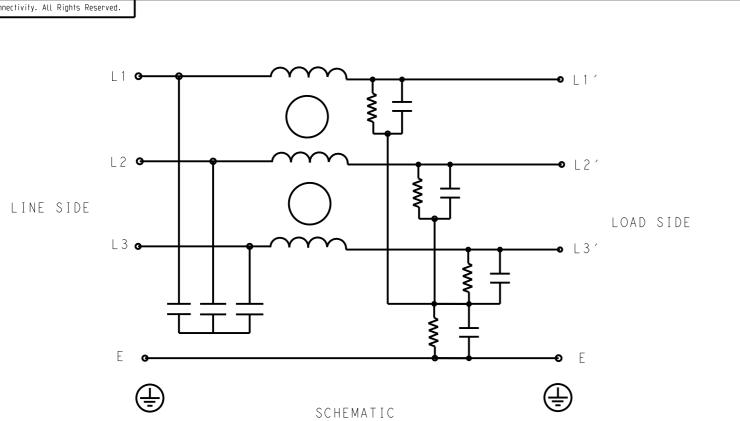
D

С

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В

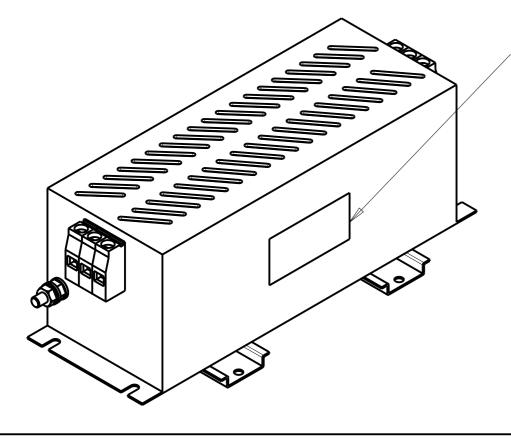
А



3

TYPICAL INSERTION LOSS COMMON MODE 50/50 $\Omega$ ; DIFFERENTIAL MODE 50/50 $\Omega$ 

Common mode Sof Sozz, Diff Encentrice mode Sof Sozz									
MHz	0.01	0.05	0.15	0.5	1	3	5	10	30
СМ	24	28	32	73	66	56	48	36	19
DM	22	30	34	69	70	58	40	49	22



MA

• L2' SAFETY ORGANIZATIONS THIS FILTER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THEREFORE, ALL TEST/REQURIEMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET: LOAD SIDE UL APPROVED 55A 440V 50Hz/60Hz 40°C CSA APPROVED 55A 440V 50Hz/60Hz 40°C OPERATING SPECIFICATION LINE FREQUENCY: 50X/60Hz MAXIMUM LEAKAGE CURRENT: 10mA @ 230VAC, 50Hz OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO +40°C IN AN AMBIENT, To, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, 10, IS AS FOLLOWS: $Io = Ir \sqrt{\frac{85-16}{45}}$ RELIABILITY SPECIFICATIONS INDUCTANCE, NOMINAL: 0.6mH CAPACITANCE @ IKHz LINE TO GROUND, NOMINAL: 0.52µF LINE TO LINE, NOMINAL: 0.52µF LINE TO ESISTOR L/G I.R. 680KQ IW L/M I.R. XXX NBEL TO TE N/G I.R. XXX		2					
• L1'       A INITIAL RELEASE       NUMMAN ISS ISD         • 12'       SAFETY ORGANIZATIONS THIS FITTER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED ACKNY, THEREFORE, ALL TESTAROURIEMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING ACTIVE SAFETY AND NOT ALL BE MET:         • L3'       CSA APPROVED       SSA 446V 5047/6047 40°C         • L3'       CSA CARDER CERTERIATIONS       CARDER CERTERIATIONS         • L10' L0' CARDER CERT							
L1'     SAFETY ORGANIZATIONS     THIS FIFTER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY     THE LIST RETER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY     THE LIST REVISION OF THE FOLL WILL TEST/RECORDENENTS SPECIFIED IN THE     LATEST REVISION OF THE FOLLOWING ACECKY STANDARDS WILL BE WET:     LOAD SIDE     UL APPROVED SSA 440Y SCH2/60H2 40°C     CA APPORT     CASA PROVED SSA 440Y SCH2/60H2 40°C     CASA PROVED     LINE FREQUENCY: SDAGAB2     E     OPERATING SPECIFICATIONS     LINE FREQUENCY: SDAGAB2     E     OPERATING SPECIFICATIONS     TOTAL SCH THER FARMED FARCE OF RETER CHARGE OF CHARGE OF CHARGE OF RESISTORD 20°C, SCK RH AND 100VDC, VIN: 6MC     HIM TO THE CASAVCH OF THE NOT THE CASAVCH     LINE TOR TRUESDE RECEIVING INALE: DF     TOTAL SCH THE PROVED OF CHARGE OF THE NOT THE CASAVCH     LINE TOR TRUESDE RECEIVING INALE: DF     TOTAL SCH THE PROVED OF THE THE RETER CHARGE OF THE NOT THE CASAVCH     LINE TOR TRUESDE RECEIVING INALE: DF     TOTAL SCH THE THE RETER CHARGE OF THE NOT THE CASAVCH     LINE TOR TRUESDE RECEIVING INALE: CASAVCH     LIN		ŀ					
Ints Filler will be Formally Recognized, all test According to Approve 5° The Liston Assence all test According to Approve 5° The Liston Assence all test According to Approve 50° The An Ambient Temperature test According test According to Approve 50° The An Ambient Test According test Ac	• L1 ′	-	A INITA	L KELEASE	074PR2021	2B CB	_
Ints Filler will be Formally Recognized, all test According to Approve 5° The Liston Assence all test According to Approve 5° The Liston Assence all test According to Approve 50° The An Ambient Temperature test According test According to Approve 50° The An Ambient Test According test Ac		-					-
Ints Filler will be FORMALLY RECOGNIZED, CERTIFIED OR APPROVED by THE LISTED AGENCY THEREFORE, ALL TEST REQUIPTENDS WILL BE MET: ILST CSA APPROVED     S5A 440V 50H2/60H2 40°C       LIST     UL APPROVED     S5A 440V 50H2/60H2 40°C       OPERATING SPECIFICATION I'NF CURPENT/VOITAGE S5A, 440VAC LINE FROUENCY SO/S0H2     S5A 440V 50H2/60H2 40°C       OPERATING SPECIFICATION I'NF CURPENT/VOITAGE S5A, 440VAC LINE FROUENCY SO/S0H2     S5A 440V 50H2/60H2 40°C       OPERATING SPECIFICATION I'NF CURPENT/VOITAGE S5A, 440VAC     S5A 440V 50H2/60H2 40°C       OPERATING SPECIFICATION I'NF CURPENT/VOITAGE S5A, 440VAC     S5A 440V 50H2/60H2 40°C       I'NF CURPENT/VOITAGE S5A, 440VAC     S1A 440V 50H2/60H2 40°C       I'NF CURPENT/VOITAGE S5A, 440VAC     S1A 440V 50H2/60H2 40°C       I'NF CURPENT/VOITAGE S0/S0H2     S0/S0H2       I'NF CO LINE, NOMINAL: 0.520F     S0/S0H2		l l					
L3     UL APPROVED     S5A 440V 50Hz/60Hz 40°C     CSA APPROVED     S5A 440V 50Hz/60Hz 40°C     CSA APPROVED     S5A 440V 50Hz/60Hz 40°C     OPERATING SECCIFICATION     LINE CURRENT.VOLIAGE. 55A, 440VAC     LINE FREQUENCY: 55760Hz     OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO +40°C     IN AN AMBIENT, To, HIGHER THAN 40°C, THE MAXIMUM OPERATING     CURRENT.IO, IS AS FOLLOWS: Io=Ir√     PELIADILITY SPECIFICATIONS     STORAGE TEMPERATURE: -40°C TO +85°C     HUMIDITY: 21 DAYS @ 40°C AND 95X GH     HUMIDITY: 21 DAYS @ 40°C AND 95X GH     TEST SPECIFICATIONS     STORAGE TEMPERATURE: -40°C TO +85°C     HUMIDITY: 21 DAYS @ 40°C AND 95X GH     TEST SPECIFICATIONS     L/G I.R. 450°C IW     L/G I.R. 450°C     HIMIDITY: 10520HARCE RESISTOR) 20°C, 50X RH AND TO9VDC, MIN: 6MC)     RECOMMENDED RECEIVING INSPECTION.HIPOT     INF O GROWNE NORI OF I IMINITE: 1052VDC     LINE TO GROWNE NORI FOR I INIVITE: 1052VDC     LINE TO LINE FOR INIVI		THIS FILTER THE LISTED A	WILL BE FORMA AGENCY. THEREF	FORE, ALL TEST/REQURI	EMENTS SPECIFIED	IN THE	
LINE CURRENT/VOLTAGE: 55A, 440VAC LINE FREQUENCY: 50760H2 MAXIMUM LFARAGE CURRENT: 10mA @ 230VAC, 50H2 MAXIMUM LFARAGE AVENUE MAXIMUM LFARAGE CURRENT: 10mA @ 230VAC, 50H2 MAXIMUM LFARAGE AVENUE MAXIMUM LFARAGE CURRENT: 10mA @ 230VAC, 50H2 MAXIMUM LFARAGE AVENUE MAXIMUM LFARAGE AVEN			D				
E         OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO +40°C         IN AN AMBIENT, Ta, HIGHER THAN 40°C, THE MAXIMUM OPERATING         CURRENT, Io, IS AS FOLLOWS:		LINE CURRENT	T/VOLTAGE: 55/	A, 440VAC			
OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TG +44°C         IN AN AMBIENT, Ta., HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, Io., IS AS FOLLOWS: Io=Ir 1/2 10000000000000000000000000000000000		MAXIMUM LEAF	KAGE CURRENT:	10mA @ 230VAC, 50Hz			
CURRENT, Io, IS AS FOLLOWS: IO=Ir V 85°C RELIABILITY SPECIFICATIONS STORAGE TEMPERATURE: -40°C AND 95% RH TEST SPECIFICATIONS INDUCTANCE, NOMINAL: 0.6mH CAPACITANCE 0 INIZ LINE TO GROUND, NOMINAL: 0.52µF LINE TO CONVD, NOMINAL: 0.52µF LINE TO LINE, NOMINAL: 1µF DISCHARGE RESISTOR L/L I.R. 3MQ IW L/L I.R. 3MQ IW L/L I.R. XX NG I.R. XXX RKING SPECIFICATION RECOMMENDED RECEIVING INSPECITON HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC LINE TO GOUND FOR 1 MINUTE: 2632VDC LINE TO GROUND FOR 1 MINUTE: 2632VDC LINE TO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MQ RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO LINE FOR 1 MINUTE: 2632VDC LINE TO LINE FOR 1 MINUTE: 1892VDC FILTER APPROVAL THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING SPECIFICATION THIS DRAWING IS A CONTROLLED DOCUMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING THE AS A CONTROLLED DOCUMENT. THE REST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING THE AS A CONTROLLED DOCUMENT. THE TO LINE FOR THE UNIT IN YOUR EQUIPMENT. THE TO LINE FOR THE UNIT IN YOUR EQUIPMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. THE TO LINE FOR THE UNIT IN YOUR EQUIPMENT. THE TO LINE FOR THE AS A CONTROLLED DOCUMENT. THE AS A CONTROLL	ÐE	OPERATING AM	MBIENT TEMPER/	ATURE RANGE @ RATED C	URRENT: -25°C TO	+40°C	
RELIABILITY SPECIFICATIONS STORAGE TEMPERATURES - 40°C TO +85°C HUMIDITY: 21 DAYS @ 40°C AND 95% RH         Induction of the second s		IN AN AMBIENT, Ta, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT,Io, IS AS FOLLOWS:					
10       30         36       19         49       22         INDUCTANCE, NOMINAL: 0.6mH         CAPACITANCE @ 1kHz         LINE TO GROUND, NOMINAL: 1µF         DISCHARGE RESISTOR         LINE TO LINE, NOMINAL: 1µF         DISCHARGE RESISTOR         LINE TO LINE, NOMINAL: 1µF         DISCHARGE RESISTOR         L/G I.R. 680MQ         W/G I.R. XXX         N/G I.R. XXX         ARKING SPECIFICATION         IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MQ         RECOMMENDED RECEIVING INSPECITON HIPOT         LINE TO GROUND FOR I MINUTE: 2632VDC         FILTER APPROVAL         THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR         ENGINEERING TO TEENNES SPECIFIED:         Mmm         OTHERNISE SPECIFIED:         Mmm         OTHERNISE SPECIFIED:         Mmm         OTHERNISE SPECIFIED:         MM         OTHERNISE SPECIFIED:         Mmm         OTHERNISE SPECIFIED:         MMTERIAL         OTHERNISE SPECIFIED:         MMTERIAL         DIMENSISE SPECIFIED:         MMM         DIMENSISE SPECIFIED:		STORAGE TEMP	PERATURE: -40°	<u>NS</u> C TO +85°C			
49       22         LINE TO GROUND, NOMINAL: 1µF         DISCHARGE RESISTOR         L/A				nH			╞
L/G I.R. 680KQ IW L/L I.R. 3MQ IW L/L I.R. 3MQ IW L/L I.R. XXX N/G I.R. XXX N/G I.R. XXX RECOMMENDED RECEIVING INSPECITON HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC LINE TO LINE FOR 1 MINUTE: 1892VDC FILTER APPROVAL THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. MATERIAL MATERIAL MATERIAL MATERIAL L/G I.R. 680KQ IW L/L I.R. 3MQ IW L/L I.R. 3MQ N/G I.R. XXX N/G I.R. XXX N		LINE TO GROU	UND, NOMINAL:				
LINE TO GROUND FOR 1 MINUTE: 2632VDC         LINE TO LINE FOR 1 MINUTE: 1892VDC         FILTER APPROVAL         THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR         ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.         THIS DRAWING IS A CONTROLLED DOCUMENT.         DWN       07APR2021         CHR IS DALLES         OTHERNISE SPECIFIED:         OPLC         PIC         PIC <td></td> <td>L/G I.R. 680 L/L I.R. 3 L/N I.R. XXX N/G I.R. XXX</td> <td>0KΩ 1W 3MΩ 1W X X</td> <td>R) 20°C, 50% RH AND 1</td> <td>oovdc, min: 6mΩ</td> <td></td> <td></td>		L/G I.R. 680 L/L I.R. 3 L/N I.R. XXX N/G I.R. XXX	0KΩ 1W 3MΩ 1W X X	R) 20°C, 50% RH AND 1	oovdc, min: 6mΩ		
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. DUMN 07APR2021 BAPAI SAHAS CHR 0 7APR2021 CHRIS BOLLF APVD 07APR2021 CHRIS BOLLF POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 55KEMS10ABSDVM APPLICATION SPEC - APPLICATION SPEC - A 3 0 0 7 7 9 C = 8 - 1609967 - 8 - - - - - - - - - - - - -		LINE TO GROU	UND FOR 1 MINU	JTE: 2632VDC			
BAPAT SAHAS CHK       OTAPR2021       TE Connectivity         DIMENSIONS:       TOLERANCES UNLESS OTHERWISE SPECIFIED:       OTAPR2021 CHRIS BOLLE       NAME OTAPR2021       TE Connectivity         MM       0 PLC ±- I PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±-       OTAPR2021 PRODUCT SPEC       NAME POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 55KEMS10ABSDVM         MATERIAL       FINISH       -       APPLICATION SPEC -       -         MATERIAL       FINISH       -       -       ACAGE CODE DRAWING NO ANGLES ±-       RESTRICTED TO -		THE BEST WAY	Y TO SELECT AI				
BAPAT SAHAS CHK       OTAPR2021       TE Connectivity         DIMENSIONS:       TOLERANCES UNLESS OTHERWISE SPECIFIED:       OTAPR2021 CHRIS BOLLE       NAME OTAPR2021       TE Connectivity         MM       0 PLC ±- I PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±-       OTAPR2021 PRODUCT SPEC       NAME POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 55KEMS10ABSDVM         MATERIAL       FINISH       -       APPLICATION SPEC -       -         MATERIAL       FINISH       -       -       ACAGE CODE DRAWING NO ANGLES ±-       RESTRICTED TO -			A74000001				
DIMENSIONS:       OTHERWISE SPECIFIED:       APVD       07APR2021       NAME         MM       0 PLC       ±-       1 PLC       ±0.5       2 PLC       ±0.40         3 PLC       ±0.130       4 PLC       ±0.0500       -       55KEMS10ABSDVM         MATERIAL       FINISH       WEIGHT       -       APPLICATION SPEC       -         -       -       -       -       -       -         -       -       -       -       -       -         -       -       -       -       -       -         -       -       -       -       -       -         -       -       -       -       -       -         -       -       -       -       -       -         -       -       -       -       -       -         -       -       -       -       -       -       -         -       -       -       -       -       -       -         -       -       -       -       -       -       -         -       -       -       -       -       -       -         - <td></td> <td>CHPIS</td> <td>SAHAS 07APR2021</td> <td>-ETE</td> <td>TE Connectivit</td> <td>у</td> <td></td>		CHPIS	SAHAS 07APR2021	-ETE	TE Connectivit	у	
0       PLC       ±-         1       PLC       ±0.5         2       PLC       ±0.40         3       PLC       ±0.130         4       PLC       ±0.0500         ANGLES       ±-         FINISH       WEIGHT         -       ABERT         -       -	OTHERWISE S	SPECIFIED APVD	07APR2021 🛛		FR FOR		
ANGLES     ±-     -       MATERIAL     FINISH     WEIGHT       -     -       A     3       0     7       9     C=8-1609967-8	I         PLC         ±0           2         PLC         ±0           3         PLC         ±0	.5		DIN 35 RAIL INS 55KEMS10ABSDVM	TALLATION		
$- \qquad A > 0 0 7 7 9 G = 6 0 9 9 6 7 - 0 = 6 0 9 9 6 7 - 0 = 6 0 9 9 6 7 - 0 = 6 0 9 9 6 7 - 0 = 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0$	ANGLES	±				RESTRICTED T	0
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REVISIONS			
P LTR DESCRIPTION DATE	DWN	APVD	
A INITIAL RELEASE 07APR2021	SB	СВ	
<u>RGANIZATIONS</u> TER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVE ED AGENCY. THEREFORE, ALL TEST/REQURIEMENTS SPECIFIED EVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET	) IN	THE	
VED 55A 440V 50Hz/60Hz 40°C OVED 55A 440V 50Hz/60Hz 40°C			
<u>G SPECIFICATION</u> RENT/VOLTAGE: 55A, 440VAC QUENCY: 50/60Hz			
LEAKAGE CURRENT: 10mA @ 230VAC, 50Hz			
G AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO	+ 4 0 <sup>c</sup>	°C	
BIENT, Ta, HIGHER THAN 40°C, THE MAXIMUM OPERATING			
Io, IS AS FOLLOWS: $Io=Ir-\sqrt{\frac{85-Ia}{45}}$			C
$\frac{10-1}{\sqrt{2}} \sqrt{\frac{85-1}{45}}$ <u>ITY SPECIFICATIONS</u> TEMPERATURE: -40°C TO +85°C : 21 DAYS @ 40°C AND 95% RH			
<u>CIFICATIONS</u> CE, NOMINAL: 0.6mH			
NCE @ 1kHz GROUND, NOMINAL: 0.52µF LINE, NOMINAL: 1µF			
E RESISTOR 680KΩ 1W 3MΩ 1W XXX XXX ISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MΩ			E
<u>DED RECEIVING INSPECITON HIPOT</u> GROUND FOR 1 MINUTE: 2632VDC LINE FOR 1 MINUTE: 1892VDC			
<u>PPROVAL</u> WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ING TO TEST THE UNIT IN YOUR EQUIPMENT.			
APAT SAHAS 07APR2021 HRIS BOLLE TE Connectivit	ły		
HRIS BOLLE 07APR2021 NAME HRIS BOLLE POWER LINE FILTER FOR			
DIN 35 RAIL INSTALLATION			μ
55KEMS10ABSDVM	RESTRIC	TEN TO	
$\frac{-}{A} \frac{300779}{C} = 8 - 1609967 - 8$	-	-	

