

3



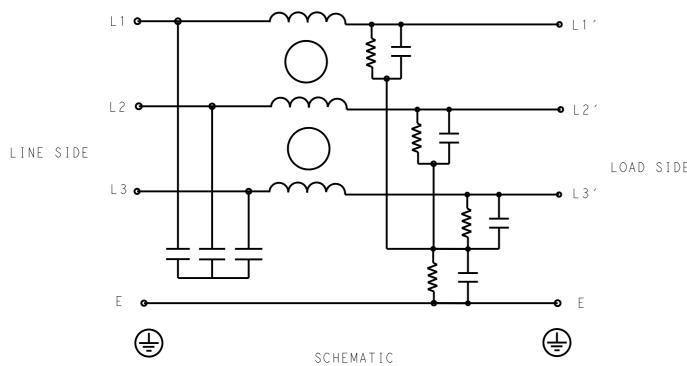
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С

В

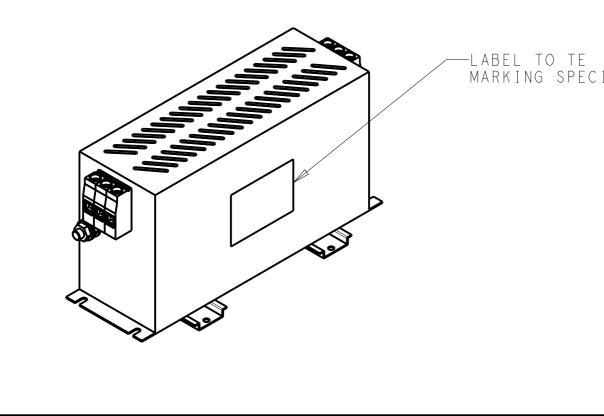
А

4



TYPICAL INSERTION LOSS COMMON MODE 50/50 Ω ; DIFFERENTIAL MODE 50/50 Ω

common mode corrows, birrenter mode corrows							/ 0 3 2			
	MHz	0.01	0.05	0.15	0.5	1	3	5	10	30
	СМ	23	32	36	71	67	60	54	30	17
	DM	38	40	45	86	81	68	50	49	35



Ρ	LTR		
	А	INITIAL	RELEAS

 L2' SAFETY_ORGANIZATIONS THE STILTER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THERFORE, ALL TEST/REGURIEMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET: UL APPROVED 75A 440V 50H2/60H2 40°C CSA APPROVED 75A 440V 50H2/60H2 40°C OPERATING SPECIFICATION LINE CURRENT/VOLTAGE: 75A, 440VAC LINE FREQUENCY: 50/60H2 MAXIMUM LEAKAGE CURRENT: 10mA @ 230VAC, 50H2 MOPERATING 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=ITe		2		1				
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THIS FILTE WILL BE FORMALLY RECOMPLED, CRETITIED OF APPROVED BY THE LISTED AGENCY THENDION, ALL ISL'NEOWIHMUN'S SPECIFICATION IN THE LISTED AGENCY THE FOLLOWING AGENCY STANDARDS WILL BE MET: LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET: UL APPROVED 75A 440V 50H2/60H2 40°C CREATER SPECIFICATION TO A 420V 50H2/60H2 40°C CREATING SPECIFICATION TO COPERATING SPECIFICATION TO CHERNIN/VOI JAD:: 17A, 440VAC LINE FREQUENCY: 50/60H2 MAXIMUM LIAKAGE CURNINI: TOMA & 230VAC, 50H2 OPERATING AMBIENT TEMPTRATURE RANGE & RATED CURRENT, -25°C TO +40°C IN AN AMBIENT, TA, HIGHER THAN 40°C, THE MAXIMUM OFERATING CURRENT, I.G., IS AS FOLLOWS: THE ST SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDIT: 21 DAYS & 40°C AND 95S RH TEST SPECIFICATIONS TO STORAGE TEMPERATURE: -40°C TO +85°C HUMIDIT: 21 DAYS & 40°C AND 95S RH TEST SPECIFICATIONS INNOCTANCE, NOMINAL: 0.75µF LINE TO GROUND, NOMINAL: 0.75µF LINE TO GROUND, NOMINAL: 0.75µF LINE TO GROUND PROFITION HIPOT NO SCHARGE RESISTOR V/G J.R. XXX W/G J.R. XXX								D
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• E 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-1r√ 83-10 Control (0, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1		LINE CURRENT/	VOLTAGE: 75A, 4	4 0 V A C				
OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO -40°C IN AN AMBIENT, TG, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, IG, IS AS FOLLOWS: IO=Ir √ 83.150 No=Ir √ 83.150 STORAGE TEMPERATURE: -0°C TO +80°C HUMIDITY: 21 DAYS @ 40°C AND 95% RH INDUCTANCE, NOMINAL: 0.35mH CAPACITANCE @ IKHZ LINE TO LINE, NOMINAL: 0.35mH CAPACITANCE @ IKHZ LINE TO GROUND, NOMINAL: 0.73 µF DISCHARGE RESISTOR L/G I.R. 680KQ 2W L/I.I.R. 3MC 2W L/N I.R. XXX N/G I.R. XXX IFICATION RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR I MINUTE: 2832/DC LINE TO GROUND FOR I MINUTE: 3832/DC LINE TO GROUND FOR I MINUTE: 3832/DC LINE TO GROUND FOR I MINUTE: 1892/DC FILTER APPROXAL THE REFORMATION OFFICE AND OUTLEY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.		MAXIMUM LEAKA	GE CURRENT: 10m	A @ 230VAC, 50Hz				
CURRENT, Io, IS AS FOLLOWS: Io=1r 2 35 Ta RELIABILITY SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMDOITS: 21 DAYS @ 40°C AND 95% RH TEST-SPECIFICATIONS INDUCTANCE, NOMINAL: 0.35mH CAPACITANCE @ IKH2 LINE TO ENOUND, NOMINAL: 0.73µF LINE TO LINE, NOMINAL: 0.73µF LINE TO LINE, NOMINAL: 2.2µF DISCHARGE RESISTOR LINE TO COLSPANE" INF CO GROUND FOR 1 MINUTE: 2632VDC LINE TO LINE FOR 1 MINUTE: 2632VDC LINE TO LINE FOR 1 MINUTE: 1892VDC	_	OPERATING AMB	IENT TEMPERATUR	E RANGE @ RATED CURRENT:	-25°C TO	+40°	С	
RELIABILITY SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDITY: 21 DAYS @ 40°C AND 95% RH ID 30 10 30 10 10 10 10 10 10 11 11 11 11 12 11 13 11 14 11 15 11 15 11 16 11 17 11 18 11 19 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 11 12 30 11 11 12 12 13 12 14 11 15 12 14 12 15 12 16			S AS FOLLOWS:		RATING			С
10 30 10 17 10 17 10 17 19 35 INDUCTANCE, NOMINAL: 0.35mH CAPACITANCE @ 1kHz LINE TO GROUND, NOMINAL: 0.73µF DISCHARGE RESISTOR L/G I.R. 880KΩ 2W L/L I.R. 3MΩ 2W L/L I.R. 3MΩ 2W L/L I.R. 3MΩ 2W L/L I.R. XXX N/G I.R. XXX IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MΩ IFICATION RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC IFICATION IFICATION MECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC IFICATION OF THE MAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT. OWER SEPECIFIED: MMMENTERIAL OF THE SECTION OF THE UNIT IN YOUR EQUIPMENT. IFIC 4:0:0 PROVIDE SPECIFIED: MMMENTERIAL OF THE SECTION SECC MATERIAL OF TH		STORAGE TEMPE	RATURE: -40°C T() +85°C				
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L/G I.R. 680KQ 2W L/L I.R. 3MQ 2W L/L I.R. 3MQ 2W L/N I.R. XXX N/G I.R. XXX IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MQ IFICATION RECOMMENDED RECEIVING INSPECITION HIPOI 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. DIMENSIONS: OTAPR2021 CHRIS BOLLE CHRIS BOLL SPEC OTAPR2021 MAME OPPLC POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 75KEMS10ABSDDM APPLICATION SPEC APPLICATION SPEC APPLICATION SPEC APPLICATION SPEC POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 75KEMS10ABSDDM APPLICATION SPEC	30 17	CAPACITANCE @ LINE TO GROUN	1kHz D, NOMINAL: 0.7	3 µ F				
LINE TO GROUND FOR I MINUTE: 2632VDC LINE TO LINE FOR I 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. DIMENSIONS: TOLERANCES UNLESS OTHERWISE SPECIFIED: OTHERWISE SPECIFIED: OTHERWISE SPECIFIED: OTHERWISE SPECIFIED: OPLC PLC		L/G I.R. 680K. L/L I.R. 3M. L/N I.R. XXX N/G I.R. XXX	Ω 2W Ω 2W	0°C, 50% RH AND 100VDC, M	1ΙΝ: 6MΩ			В
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DIMENSIONS: TOLERANCES UNLESS OTHERWISE SPECIFIED: CHRIS BOLLE APVD OTAPR2021 CHRIS BOLLE NAME mm 0 PLC ±- 1 PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±- 0 PLC ±- - 2 PLC ±0.0500 ANGLES ±- NAME POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 75KEMS10ABSDDM POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION		THE BEST WAY	TO SELECT AND Q		OUR			
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mm otherwise specified: APVD OTAPR2021 NAME OPLC ±- IPLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANDLES ±- FINISH WEIGHT FINISH WEIGHT Chrame State State SHEET		ERANCES UNLESS CHRIS B	BOLLE		Connectivit	у		
MATERIAL FINISH WEIGHT A A O<	OTHE MM 0 PLC 1 PLC 2 PLC	RWISE SPECIFIED: ±- ±0.5 ±0.40	D	IN 35 RAIL INSTALLATI	ON			Д
	4 PLC ANGLES	±0.0500 ±	SPEC SIZE	CAGE CODE DRAWING NO		RESTRIC -	TED TO	
	-	- CUSTOMER	1 1 🗸	SCALE SL	IEET 1 OF 2	REV	΄ Α	

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F	C 2020 TE Connectivity. All Rights Reserved.			REVISIONS		
D	NOTE 1 GROUND CONNECTION: FOR ELECTRICAL SAFETY AND FILTER PERFOR UNIT MUST HAVE A GOOD GROUND CONNECTION TORQUE OUTER TERMINAL SCREWS: 2-2.2Nm / TORQUE GROUND NUTS: 3.5-6Nm	MANCE 18 -19.8 in.lbs	P	LTR DESCRIPTION SEE SHEET 1	DATE DWN APVD	D
	NOTE 2 INPUT OUTPUT CONNECTION TERMINAL AWG SIZE: 12-8 AWG WIRE SECTION: 16 mm ² THREADED BOLT SIZE FOR GROUND: M8					
	NOTE 3 SUPPLIED WITH DIN RAIL BRACKET					
	NOTE 4 DRAWINGS SHOWS DIN RAIL FOR REFEERENCE ONLY					
C			SEL DIN RAIL CHANNEL		<u>in 35 bracket</u>	C
В	F	RONT SIDE				В
A	70-19 (3/13)		IS A CONTROLLED DOCUMENT. TOLERANCES UNLESS OTHERWISE SPECIFIED: O PLC ±- I PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±- FINISH CUSTOMER	- A 300779 C 8-16099	RESTRICTED TO	A

