

LINE SIDE

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L1 o-

L 2 O-

L30-

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LABEL TO TE

MARKING SPECIFICATION

**-•** L1′

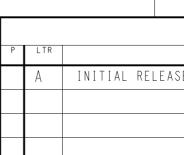
-• L2′

L3 '

Ð

LOAD SIDE

2



SAFETY ORGANIZATIONS THIS FILTER WILL BE FORMALLY REG THE LISTED AGENCY. THEREFORE, A LATEST REVISION OF THE FOLLOWING

UL APPROVED CSA APPROVED

OPERATING SPECIFICATION LINE CURRENT/VOLTAGE: 100A, 440V LINE FREQUENCY: 50/60Hz

MAXIMUM LEAKAGE CURRENT: 15mA @

OPERATING AMBIENT TEMPERATURE R

IN AN AMBIENT, To, HIGHER THAN CURRENT,Io, IS AS FOLLOWS: Io=

RELIABILITY SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +8 HUMIDITY: 21 DAYS @ 40°C AND 959

TEST SPECIFICATIONS INDUCTANCE, NOMINAL: 0.2mH

CAPACITANCE @ 1kHz LINE TO GROUND, NOMINAL: 1.76µI LINE TO LINE, NOMINAL: 6.6µF

DISCHARGE RESISTOR L/L I.R.  $3M\Omega$  2W L/N I.R. XXX L/G I.R. 680K $\Omega$  2W N/G I.R. XXX IR (NO DISCHARGE RESISTOR) 20°C

RECOMMENDED RECEIVING INSPECITO LINE TO GROUND FOR 1 MINUTE: 26 LINE TO LINE FOR 1 MINUTE: 1892

FILTER APPROVAL THE BEST WAY TO SELECT AND QUAL ENGINEERING TO TEST THE UNIT IN

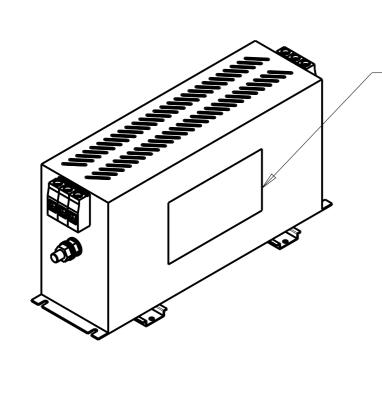
THIS DRAWING IS A C	ONTROLLED DOCUMENT.	DWN 26APR2021 SUPREETH R CHK 26APR2021	TE Connectivity
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±- 1 PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500	CHRIS BOLLE APVD 26APR2021 CHRIS BOLLE PRODUCT SPEC - APPLICATION SPEC	NAME POWER LINE FILTER FOR DIN RAIL 35 INSTALLATION 100KEHD10ABSDHM SIZE   CAGE CODE   DRAWING NO   RESTRICTED TO
MATERIAL -	ANGLES ±- FINISH -	- WEIGHT _	A300779C = 3-1609969-9
		CUSTOMER DRAWING	SCALE 1:4 SHEET 1 OF 2 REV A



common model 3073032, bittentine model 3073032									
MHz	0.01	0.05	0.15	0.5	1	3	5	10	30
СМ	30	32	65	68	70	62	52	40	32
DM	26	28	30	62	72	60	46	26	24

Т

SCHEMATIC



|470-|9 (3/|3)

REVISIONS				
DESCRIPTION	DATE	DWN	APVD	
ASE	26APR2021	SR	СВ	
				D
ECOGNIZED, CERTIFIED OR A ALL TEST/REQURIEMENTS SPE NG AGENCY STANDARDS WILL	APPROVED CIFIED BE MET:	) BY IN T	ΗE	
100A 440V 50Hz/60Hz 100A 440V 50Hz/60Hz	40°C 40°C			
OVAC				
@ 230VAC, 50Hz RANGE @ RATED CURRENT: -2 40°C, THE MAXIMUM OPERAT = Ir $\sqrt{\frac{85-T\alpha}{45}}$		+ 4 0° (		C
▼ 45 85°C 5% RH				
μF				
C, 50% RH AND 100VDC, MIN <u>on hipot</u> 632VDC 2VDC	: 6MΩ			В
LIFY A FILTER IS FOR YOUF N YOUR EQUIPMENT.	{			

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	C 2021 TE Connectivity. All Rights Reserved.	I		1		I
D	NOTE 1 GROUND CONNECTION: FOR ELECTRICAL SAFETY AND FILTER UNIT MUST HAVE A GOOD GROUND CONN TORQUE OUTER TERMINAL SCREWS: 2 N TORQUE GROUND NUTS: 4-10Nm	ECTION.			P LTR	SEE SHEET 1
	NOTE 2 INPUT OUTPUT CONNECTION TE AWG SIZE: 8-4 AWG WIRE SECTION: 25 mm <sup>2</sup> THREADED BOLT SIZE FOR GROUND: M1					
	NOTE 3 SUPPLIED WITH DIN RAIL BRA	CKET.	100			320 -
	NOTE 4 DRAWING SHOWS DIN RAIL FOF REFERENCE ONLY.					
С			PE 1		LINE	
		New P		DIN RAIL CHANNE		DIN
В	FRON	SIDE				
			THIS DRAW	NG IS A CONTROLLED DOCUMENT.	dwn 264	350 - Apr2021
A	REAF	SIDE	DIMENS MM MATERIAL	IONS: TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHRIS BOILF	APR2021 APR2021 DIN 100k SIZE CAC A 300
			-	-	CUSTOMER DRAWI	
	470- 9 (3/ 3)					

