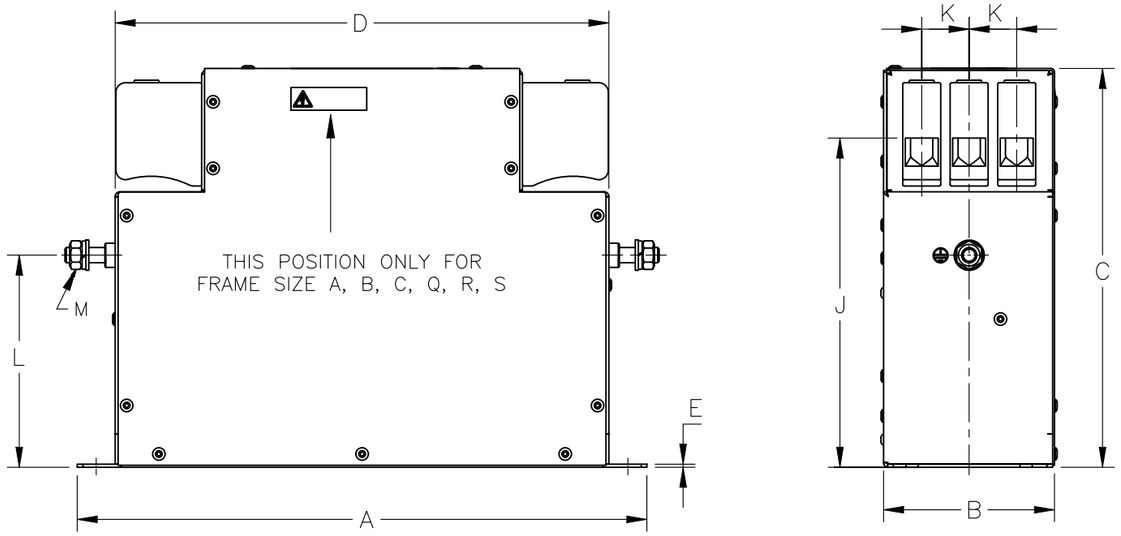
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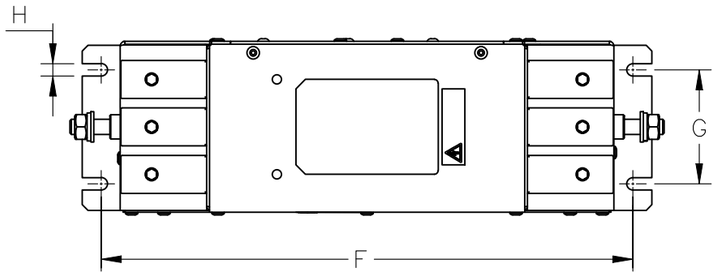
SMALLEST BOOK–STYLE EMC/RFI FILTER FOR INVERTER AND POWER DRIVE SYSTEMS

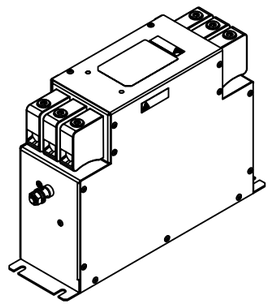
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW DRAWING	04APR2025	GSK	FV

FRAME SIZE A–V







DIMENSIONS

Frame	A	B	C	D	E	F	G	H	J+/-2	K	L+/-1	M**
A	185	40	120	157	0.8	175	20	4.5	102	11	76	M5
B	195	45	140	164	0.8	180	25	5.4	122	11	93	M5
C	210	45	145	174	0.8	195	25	5.4	126	13	96	M5
D	235	50	168	207	1	220	30	5.4	149	13	115	M6
E	255	65	180	226	1	240	45	5.4	156	16	120	M6
F	290	80	205	250	1.2	270	50	6.5	172	22	110	M6
G	300	90	210	260	1.5	280	60	6.5	173	25	112	M8
H	310	100	225	270	1.5	290	70	6.5	183	28	110	M10
I	230	50	132	203	0.8	220	30	4.5	114	12.5	88	M5
J	230	55	159	198	0.8	215	35	5.4	141	13	112	M5
K	245	55	167	212	0.8	230	35	5.4	148	13	118	M5
L	265	60	191	237	1	250	40	5.4	172	13	135	M6
M	265	70	194	237	1	250	50	5.4	170	16	133	M6
N	310	95	220	270	1.2	290	65	6.5	187	22	125	M6
O	320	95	230	280	1.5	300	65	6.5	192	25	127	M8
P	330	100	240	290	1.5	310	70	6.5	198	30	127	M10
Q	180	40	112	153	0.8	170	20	4.5	94	11	68	M5
R	200	45	120	170	0.8	185	25	5.4	102	11	76	M5
S	205	45	132	173	0.8	190	25	5.4	113	13	83	M5
T	215	50	147	185	1	200	30	5.4	128	13	95	M6
U	220	65	180	186	1	205	45	5.4	156	16	120	M6
V	350	105	240	310	1.5	330	70	6.5	190	30.5	125	M10

* ALL DIMENSIONS IN MM. FOR DIMENSIONS WITHOUT STATED TOLERANCES: ISO 2768–M/EN 22768–M

** EARTH SCREW TORQUE:M5 2.0–2.2 NM; M6 3.5–4.0 NM; M8 8.0–9.0 NM; M10 15–17 NM

FILTER INPUT/OUTPUT CONNECTOR CROSS SECTIONS

	-44	-33	-53	-34	-35	-40
Solid wire	0.5-10 mm2	0.5-16 mm2	0.5-16 mm2	6-35 mm2	10-50 mm2	25-95 mm2
Flex wire	0.5-6 mm2	0.5-10 mm2	0.5-16 mm2	6-25 mm2	16-50 mm2	25-95 mm2
Flex wire AWG	AWG 20-8	AWG 22-6	AWG 20-4	AWG 6-2	AWG 6-1/0	AWG 0-4/0
Recommended torque	1.0-1.2 Nm	1.5-1.8 Nm	2.0-2.3 Nm	4.0-4.5 Nm	7.0-8.0 Nm	17-20 Nm

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

MATERIAL –

FINISH –

DWN SATHISH KUMAR G 04APR2025
CHK FABIO VALTULINI 04APR2025
APVD FABIO VALTULINI 04APR2025
PRODUCT SPEC —
APPLICATION SPEC —
WEIGHT

TE Connectivity

NAME 3–PHASE FILTERS FN3288

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C–FN3288	—

CUSTOMER DRAWING | SCALE NTS | SHEET 1 OF 2 | REV A

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P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	—	—

Frame	Material Name	TE Part No / Material Number
G	FN3288-100-35-C17-R65	820829-SF
G	FN3288-100-35-C21-R65	820841-SF
G	FN3288-100-35-C26-R65	818023-SF
G	FN3288-100-35-C35-R65	818001-SF
A	FN3288-10-44-C17-R65	820821-SF
A	FN3288-10-44-C21-R65	820833-SF
A	FN3288-10-44-C26-R65	818015-SF
A	FN3288-10-44-C34-R65	817992-SF
G	FN3288-125-35-C17-R65	820831-SF
G	FN3288-125-35-C21-R65	820842-SF
G	FN3288-125-35-C26-R65	818024-SF
G	FN3288-125-35-C35-R65	818002-SF
H	FN3288-160-40-C17-R65	820832-SF
H	FN3288-160-40-C21-R65	820843-SF
H	FN3288-160-40-C26-R65	818025-SF
H	FN3288-160-40-C35-R65	818003-SF
B	FN3288-16-44-C17-R65	820822-SF
B	FN3288-16-44-C21-R65	820834-SF
B	FN3288-16-44-C26-R65	818016-SF
B	FN3288-16-44-C35-R65	817993-SF
C	FN3288-20-33-C17-R65	820823-SF
C	FN3288-20-33-C21-R65	820835-SF
C	FN3288-20-33-C26-R65	818017-SF
C	FN3288-20-33-C35-R65	817995-SF
C	FN3288-25-33-C17-R65	820824-SF
C	FN3288-25-33-C21-R65	820836-SF
C	FN3288-25-33-C26-R65	818018-SF
C	FN3288-25-33-C35-R65	817996-SF
D	FN3288-40-33-C17-R65	820825-SF
D	FN3288-40-33-C21-R65	820837-SF
D	FN3288-40-33-C27-R65	818019-SF
D	FN3288-40-33-C35-R65	817997-SF
E	FN3288-50-53-C17-R65	820826-SF
E	FN3288-50-53-C21-R65	820838-SF
E	FN3288-50-53-C26-R65	818020-SF
E	FN3288-50-53-C34-R65	823914-SF
E	FN3288-50-53-C35-R65	817998-SF
E	FN3288-63-53-C17-R65	820827-SF
E	FN3288-63-53-C21-R65	820839-SF
E	FN3288-63-53-C26-R65	818021-SF
E	FN3288-63-53-C35-R65	817999-SF
F	FN3288-80-34-C17-R65	820828-SF
F	FN3288-80-34-C21-R65	820840-SF
F	FN3288-80-34-C26-R65	818022-SF
F	FN3288-80-34-C35-R65	818000-SF
V	FN3288-230-40-C17-R65	823066-SF
V	FN3288-230-40-C21-R65	823065-SF
V	FN3288-230-40-C26-R65	823064-SF
V	FN3288-230-40-C35-R65	823063-SF

Frame	Material Name	TE Part No / Material Number
O	FN3288HV-100-35-C25-R65	820867-SF
O	FN3288HV-100-35-C36-R65	818067-SF
I	FN3288HV-10-44-C24-R65	820856-SF
I	FN3288HV-10-44-C34-R65	818059-SF
O	FN3288HV-125-35-C25-R65	820868-SF
O	FN3288HV-125-35-C36-R65	818068-SF
P	FN3288HV-160-40-C25-R65	820869-SF
P	FN3288HV-160-40-C36-R65	818069-SF
J	FN3288HV-16-44-C19-R65	821273-SF
J	FN3288HV-16-44-C25-R65	820858-SF
J	FN3288HV-16-44-C34-R65	818060-SF
K	FN3288HV-20-33-C25-R65	820860-SF
K	FN3288HV-20-33-C36-R65	818061-SF
K	FN3288HV-25-33-C25-R65	820862-SF
K	FN3288HV-25-33-C36-R65	818062-SF
L	FN3288HV-40-33-C25-R65	820863-SF
L	FN3288HV-40-33-C36-R65	818063-SF
N	FN3288HV-80-34-C25-R65	820866-SF
N	FN3288HV-80-34-C36-R65	818066-SF
O	FN3288HVIT-100-35-C26-R60	820878-SF
O	FN3288HVIT-100-35-C43-R60	818078-SF
I	FN3288HVIT-10-44-C26-R60	820870-SF
I	FN3288HVIT-10-44-C42-R60	818070-SF
O	FN3288HVIT-125-35-C26-R60	820879-SF
O	FN3288HVIT-125-35-C44-R60	818079-SF
P	FN3288HVIT-160-40-C26-R60	820880-SF
P	FN3288HVIT-160-40-C43-R60	818080-SF
J	FN3288HVIT-16-44-C26-R60	820871-SF
J	FN3288HVIT-16-44-C43-R60	818071-SF
K	FN3288HVIT-20-33-C26-R60	820872-SF
K	FN3288HVIT-20-33-C43-R60	818072-SF
K	FN3288HVIT-25-33-C26-R60	820873-SF
K	FN3288HVIT-25-33-C43-R60	818073-SF
L	FN3288HVIT-40-33-C26-R60	820874-SF
L	FN3288HVIT-40-33-C43-R60	818074-SF
N	FN3288HVIT-80-34-C26-R60	820877-SF
N	FN3288HVIT-80-34-C43-R60	818077-SF
O	FN3288IT-100-35-C34-R60	818012-SF
O	FN3288IT-10-44-C34-R60	818004-SF
O	FN3288IT-125-35-C34-R60	818013-SF
O	FN3288IT-125-35-C36-R60	823915-SF
P	FN3288IT-160-40-C34-R60	818014-SF
P	FN3288IT-16-44-C34-R60	818005-SF
K	FN3288IT-20-33-C34-R60	818006-SF
K	FN3288IT-25-33-C34-R60	818007-SF
L	FN3288IT-40-33-C34-R60	818008-SF
N	FN3288IT-80-34-C34-R60	818011-SF

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CUSTOMER DRAWING

SCALE	SHEET	REV
NTS	2 OF 2	A