

Faster – better – everywhere.





# SK 3241.700 Blue e+ filter fan

State: 24.08.2025 (Source: rittal.com/ua-en)



POWER DISTRIBUTION >> CLIMATE CONTROL

TI INFRASTRUCTURE SOFTWARE & SERVICES

FRIEDHELM LOH GROUP

ENCLOSURES

### SK 3241.700 - Blue e+ filter fan

Complete fan-and-filter units for tool-free installation in surfaces. Air throughput  $20 - 1,160 \text{ m}^3/\text{h}$ , protection category IP 54 as standard.



#### Features

Model No.	SK 3241.700
Design	wall-mounted
Product description	Fan-and-filter units with diagonal fan technology have superior pressure stability and ensure a more constant air throughput. The diagonal direction of outflow ensures more even heat dissipation from the enclosure.
Benefits	Maximum air throughput via pleated filter included in the delivered state
	Easy filter changes, thanks to a new opening mechanism on the louvred grille
	Faster installation on the enclosure with optimised detent hooks
	Diagonal fan technology achieves more even and constant
	ventilation of the enclosure, thanks to improved pressure stability Tool-free assembly
Material	Plastic
Colour	RAL 7035
Supply includes	Complete unit ready to install, including pleated filter
Fan	Diagonal, shaded pole motor

#### Features

(with chopped-fibre filter)At 60 Hz: 245 m³/hAir throughput, unimpeded airflow (with pleated filter)At 50 Hz: 272 m³/h At 60 Hz: 280 m³/hAir throughput with matching outlet filter including chopped-fibre filterAt 50 Hz: 173 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 242 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 242 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 246 m³/hRated operating voltage230 V, 1~, 50 Hz/60 HzPower consumption PelAt 50 Hz: 43.2 W At 60 Hz: 54.5 WRated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out width: 224 mmIP protection category to IEC 60 ES29IP 54 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used		
Air throughput, unimpeded airflow (with pleated filter)At 50 Hz: 272 m³/h At 60 Hz: 280 m³/hAir throughput with matching outlet filter including chopped-fibre filterAt 50 Hz: 173 m³/h At 60 Hz: 187 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 242 m³/h At 60 Hz: 246 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 242 m³/h At 60 Hz: 246 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 43.2 W At 60 Hz: 245 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 43.2 W At 60 Hz: 245 m³/hRated operating voltage230 V, 1~, 50 Hz/60 HzPower consumption PelAt 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out width: 224 mmIP protection category to IEC 60 S29IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237,XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	Air throughput, unimpeded airflow	
(with pleated filter)At 60 Hz: 280 m³/hAir throughput with matching outlet filter including chopped-fibre filterAt 50 Hz: 173 m³/h At 60 Hz: 187 m³/hAir throughput with matching outlet filter including pleated filterAt 50 Hz: 242 m³/h At 60 Hz: 246 m³/hRated operating voltage230 V, 1~, 50 Hz/60 HzPower consumption PelAt 50 Hz: 43.2 W At 60 Hz: 24.5 WRated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmProtection category to IEC 60 S29IP 54 with chopped-fibre filter/pleated filter IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter and hose-proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237 XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used	(with chopped-fibre filter)	At 60 Hz: 245 m³/h
Air throughput with matching   At 50 Hz: 173 m³/h     Air throughput with matching   At 60 Hz: 187 m³/h     filter   At 60 Hz: 187 m³/h     Air throughput with matching   At 50 Hz: 242 m³/h     outlet filter including pleated filter   At 50 Hz: 242 m³/h     Rated operating voltage   230 V, 1~, 50 Hz/60 Hz     Power consumption Pel   At 50 Hz: 0.27 A     At 60 Hz: 0.32 A   At 60 Hz: 0.32 A     Dimensions   Width: 255 mm     Depth: 129 mm   Depth: 129 mm     Installation depth   108 mm     Mounting cut-out   Cut-out width: 224 mm     Cut-out width: 224 mm   Cut-out width: 224 mm     Protection category to IEC 60   IP 55 with pleated filter and absorber mat     S29   IP 56 with chopped-fibre filter/pleated filter     Protection category NEMA   Type 12 with chopped-fibre filter/pleated filter and hose-proof hood     Protection category NEMA   Type 12 with chopped-fibre filter/pleated filter and hose-proof hood     Pre-fuse   Miniature circuit-breaker/fuse: 4 A     Note   With the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used     Operating temperature range <td>Air throughput, unimpeded airflow</td> <td>At 50 Hz: 272 m³/h</td>	Air throughput, unimpeded airflow	At 50 Hz: 272 m³/h
Duttet filter including chopped-fibre   At 60 Hz: 187 m³/h     Air throughput with matching   At 50 Hz: 242 m³/h     Air throughput with matching   At 50 Hz: 242 m³/h     Air throughput with matching   At 60 Hz: 246 m³/h     Rated operating voltage   230 V, 1~, 50 Hz/60 Hz     Power consumption Pel   At 50 Hz: 43.2 W     At 60 Hz: 0.27 A   At 60 Hz: 0.32 A     Dimensions   Width: 255 mm     Depth: 129 mm   Depth: 129 mm     Installation depth   108 mm     Mounting cut-out   Cut-out width: 224 mm     Cut-out width: 224 mm   Cut-out width: 224 mm     Protection category to IEC 60   IP 54 with chopped-fibre filter/pleated filter     F19 55 with pleated filter and absorber mat   IP 56 with chopped-fibre filter/pleated filter     Protection category NEMA   Type 12 with chopped-fibre filter/pleated filter     Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hood   Pre-fuse     Miniature circuit-breaker/fuse: 4 A   Note     With the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used     Operating temperature range   -30 °C55 °C	(with pleated filter)	At 60 Hz: 280 m³/h
filter   Air throughput with matching outlet filter including pleated filter   At 50 Hz: 242 m³/h At 60 Hz: 246 m³/h     Rated operating voltage   230 V, 1~, 50 Hz/60 Hz     Power consumption Pel   At 50 Hz: 43.2 W At 60 Hz: 54.5 W     Rated current max.   At 50 Hz: 0.27 A At 60 Hz: 0.32 A     Dimensions   Width: 255 mm Height: 255 mm Depth: 129 mm     Installation depth   108 mm     Mounting cut-out   Cut-out width: 224 mm Cut-out height: 224 mm     Pip protection category to IEC 60   IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hood     Protection category NEMA   Type 12 with chopped-fibre filter/pleated filter and hose-proof hood     Pre-fuse   Miniature circuit-breaker/fuse: 4 A     Note   With the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used	Air throughput with matching	At 50 Hz: 173 m³/h
outlet filter including pleated filterAt 60 Hz: 246 m³/hRated operating voltage230 V, 1~, 50 Hz/60 HzPower consumption PelAt 50 Hz: 43.2 W At 60 Hz: 54.5 WRated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out width: 224 mm Cut-out height: 224 mmP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	outlet filter including chopped-fibre filter	At 60 Hz: 187 m³/h
Rated operating voltage230 V, 1~, 50 Hz/60 HzPower consumption PelAt 50 Hz: 43.2 W At 60 Hz: 54.5 WRated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm 	Air throughput with matching	At 50 Hz: 242 m³/h
Power consumption PelAt 50 Hz: 43.2 W At 60 Hz: 54.5 WRated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and over the system o	outlet filter including pleated filter	At 60 Hz: 246 m³/h
At 60 Hz: 54.5 WRated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used	Rated operating voltage	230 V, 1~, 50 Hz/60 Hz
Rated current max.At 50 Hz: 0.27 A At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used	Power consumption Pel	At 50 Hz: 43.2 W
At 60 Hz: 0.32 ADimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used		At 60 Hz: 54.5 W
DimensionsWidth: 255 mm Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter Type 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose-proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used	Rated current max.	At 50 Hz: 0.27 A
Height: 255 mm Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C		At 60 Hz: 0.32 A
Depth: 129 mmInstallation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	Dimensions	Width: 255 mm
Installation depth108 mmMounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter 1P 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C		-
Mounting cut-outCut-out width: 224 mm Cut-out height: 224 mmIP protection category to IEC 60 529IP 54 with chopped-fibre filter/pleated filter IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C		Depth: 129 mm
Cut-out height: 224 mmIP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter529IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	Installation depth	108 mm
IP protection category to IEC 60IP 54 with chopped-fibre filter/pleated filter529IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	Mounting cut-out	Cut-out width: 224 mm
529IP 55 with pleated filter and absorber mat IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C		Cut-out height: 224 mm
IP 56 with chopped-fibre filter/pleated filter and hose-proof hoodProtection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	IP protection category to IEC 60	IP 54 with chopped-fibre filter/pleated filter
Protection category NEMAType 12 with chopped-fibre filter/pleated filter Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	529	· · · · · · · · · · · · · · · · · · ·
Type 3, 3R, 4, 4X with chopped-fibre filter/pleated filter and hose- proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C		IP 56 with chopped-fibre filter/pleated filter and hose-proof hood
proof hoodPre-fuseMiniature circuit-breaker/fuse: 4 ANoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C	Protection category NEMA	
Pre-fuse   Miniature circuit-breaker/fuse: 4 A     Note   With the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used     Operating temperature range   -30 °C55 °C		•••••••••••••••••••••••••••••••••••••••
NoteWith the filter fan 3237.XXX, electrical connection is made via two single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is usedOperating temperature range-30 °C55 °C		proof nood
single wires (length approx. 300 mm) on the unit, for all other filter fans, a screwless spring terminal is used Operating temperature range -30 °C55 °C	Pre-fuse	Miniature circuit-breaker/fuse: 4 A
fans, a screwless spring terminal is used   Operating temperature range   -30 °C55 °C	Note	With the filter fan 3237.XXX, electrical connection is made via two
Operating temperature range -30 °C55 °C		
		tans, a screwless spring terminal is used
Storage temperature range -30 °C70 °C	Operating temperature range	-30 °C55 °C
	Storage temperature range	-30 °C70 °C

#### Features

Noise level	At 50 Hz: 53 dB(A)
	At 60 Hz: 54 dB(A)
Packs of	1 pc(s).
Net weight	2.2
Gross weight	2.402
Customs tariff number	84145915
EAN	4028177998063
ETIM 9	EC000320
ETIM 8	EC000320
ECLASS 8.0	27180716

## Approvals

Approvals	CSA 30 - KC Korea UL + C-UL - FTTA UR + C-UR (recognized)
Explanations	Declaration of conformity