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# EMERGENCY STOP

Product overview


















SWITCH ON TO SAFETY

# WHEN IT REALLY COUNTS

At RAFI you'll find the perfect emergency stop switch for your application. Whether small or large, reset by pulling or turning, rugged or elegant – we have the solution for you. Always in traditional RAFI reliability and quality.



## TECHNICAL DATA

→	Product	Highlights	Panel cut-out	Depth behind panel with contact block	Reset by	Contacts	Rated voltage / Rated current	Terminals	Degree of protection DIN EN 60529	Illumination
	<b>LUMOTAST 16</b> OPTIONAL: active/inactive	Extremely compact, always secure. Optional illuminable for night design	Ø 16.2 mm	18 mm	rotation	1 NC, 2 NC, 2 NC + 1 NO	35 V / 100 mA	quick connector 2.8 x 0.8 mm, solderable	IP 65 IP 67	optional
	<b>LUMOTAST 25</b>	Elegant and compact. Square collar, reverse polarity protected flat ribbon cable connection	Ø 16.2 mm	30.7 mm	pulling	2 NC	25 V / 100 mA	quick connector / flat-ribbon cable or PCB plug-in socket	IP 65	no
	<b>LUMOTAST 22</b> OPTIONAL: active/inactive	Compact design. Night design with illuminated arrows, optional: signal contact at 2 NC + 1 NO	Ø 22.3 mm	176 mm	rotation	2 NC 2 NC + 1 NO, 1 NC + 1 NO	250 V / 2.5 A	quick connector 2.8 x 0.8 mm, solderable	IP 65	optional illumination of the arrows possible
	<b>RAFIX 16</b> standard	Standard for 16.2 mm panel cut-out. Optional: contact block with coupling monitoring for additional security	Ø 16.2 mm	44.7 mm (quick connect) 51.3 mm (screw terminals) 47 mm (PCB)	rotation	1 NO, 1 NC, 2 NO, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 250 mA (Au) 250 V / 6 A (Ag)	quick connector 2.8 x 0.8 mm, solderable, screw terminals, PCB-plug-in socket	IP 65	no
	<b>RAFIX 16</b> large	Large actuating area for reliable switching. Optional: contact block with coupling monitoring for additional security	Ø 16.2 mm	44.7 mm (quick connect) 51.3 mm (screw terminals) 47 mm (PCB)	rotation	1 NC, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 250 mA (Au) 250 V / 6 A (Ag)	quick connector 2.8 x 0.8 mm, solderable, screw terminals, PCB-plug-in socket	IP 65	no
	<b>RAFIX 16 F</b>	Round and square design. Optional: contact block with coupling monitoring for additional security	Ø 22.3 mm □ 23.1 mm	51.7 mm (quick connect) 58.3 mm (screw terminals) 54 mm (PCB)	rotation	1 NC, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 250 mA (Au) 250 V / 6 A (Ag)	quick connector 2.8 x 0.8 mm, solderable, screw terminals, PCB-plug-in socket	IP 65	no
	<b>RAFIX 22 QR</b> illuminable	The standard in the control cabinet. Suitable for heavy currents, numerous approvals. Optional: illuminated window for night design or mechanical switching position indication	Ø 22.3 mm	39.5 mm	rotation, pulling	1 NC, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 100 mA (Au) 250 V / 10 A (Ag)	quick-connect terminal 6.3 x 0.8 mm / 2 x 2.8 x 0.8 mm, screw terminal, cage clamp	IP 65	alternatively to switching position indicator
	<b>RAFIX 22 QR</b> with lock	The standard in the control cabinet. With 'master key' for resetting of activated push-button, suitable for heavy currents, numerous approvals	Ø 22.3 mm	39.5 mm	rotation	1 NC, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 100 mA (Au) 250 V / 10 A (Ag)	quick-connect terminal 6.3 x 0.8 mm / 2 x 2.8 x 0.8 mm, screw terminal, cage clamp	IP 40	no
	<b>RAFIX 22 FS+</b> standard	The standard with opaque mushroom head. Also available with increased protection class IP 69 or with 2 NC + 1 NO contact, combinable with all RAFIX FS emergency stop contact blocks	Ø 22.3 mm	27 mm (quick connect) 9.2 mm (PCB)	rotation, pulling	1 NC, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 100 mA (Au) 250 V / 4 A (Ag)	quick connector 2.8 x 0.8 mm, PCB	IP 65 (rotation) IP 69 (pulling)	optional by center window
	<b>RAFIX 22 FS+</b> compact OPTIONAL: active/inactive	Elegant and compact. Night design with illuminated arrows, LUMOTAST 22 design style with modular construction, combinable with all the RAFIX 22 FS emergency stop contact blocks	Ø 22.3 mm	27 mm (quick connect) 9.2 mm (PCB)	rotation	1 NC, 2 NC, 1 NC + 1 NO	35 V / 100 mA (Au) 250 V / 4 A (Ag)	quick connector 2.8 x 0.8 mm, PCB	IP 65	arrows (optional)
	<b>RAFIX 22 FSR</b> plastic mushroom head	Rugged model with metal body and plastic mushroom head. Optional: illuminable windows, combinable with all RAFIX FS emergency stop contact blocks	Ø 22.3 mm	27 mm (quick connect) 9.2 mm (PCB)	pulling	1 NC, 2 NC, 1 NC + 1 NO	35 V / 100 mA (Au) 250 V / 4 A (Ag)	quick connector 2.8 x 0.8 mm, PCB	IP 65 IP 67 IP 69	optional by center windows
	<b>RAFIX 22 FSR</b> metal mushroom head	Rugged model with top design and metal mushroom head. Combinable with all RAFIX FS emergency stop contact blocks	Ø 22.3 mm	27 mm (quick connect) 9.2 mm (PCB)	pulling	1 NC, 2 NC, 1 NC + 1 NO	35 V / 100 mA (Au) 250 V / 4 A (Ag)	quick connector 2.8 x 0.8 mm, PCB	IP 65 IP 67 IP 69	optional by center windows
	<b>RAFIX 22 FSR</b> gaiter	The rugged model with dirt deflector for dirty environments. Compatible with all RAFIX FS emergency stop contact blocks	Ø 22.3 mm	27 mm (quick connect) 9.2 mm (PCB)	pulling	1 NC, 2 NC, 1 NC + 1 NO	35 V / 100 mA (Au) 250 V / 4 A (Ag)	quick connector 2.8 x 0.8 mm, PCB	IP 65	optional by center windows
	<b>RAMO 22/30E</b>	The ready-to-connect model: simplest M12 Plug & Play connection, one-piece mono housing	Ø 22.3 mm (RAMO 22 E) Ø 30.3 mm (RAMO 30 E)	30.2 mm without connector (RAMO 22 E) 36.4 mm without connector (RAMO 30 E)	rotation	2 NC	35 V / 100 mA (Au)	M12 (4-pin or 5-pin)	IP 65	–
	<b>E-BOX</b>	The emergency stop in a housing. Ready-to-connect with M12 plug, or modular type for direct connection	–	–	rotation, pulling	1 NC, 2 NC, 1 NC + 1 NO, 2 NC + 1 NO	35 V / 100 mA (Au)	CageClamp® or M12	IP 65	optional

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