

Foot and palm switches FAK



EAT•N

The power of fusion.

Brand inception dates:



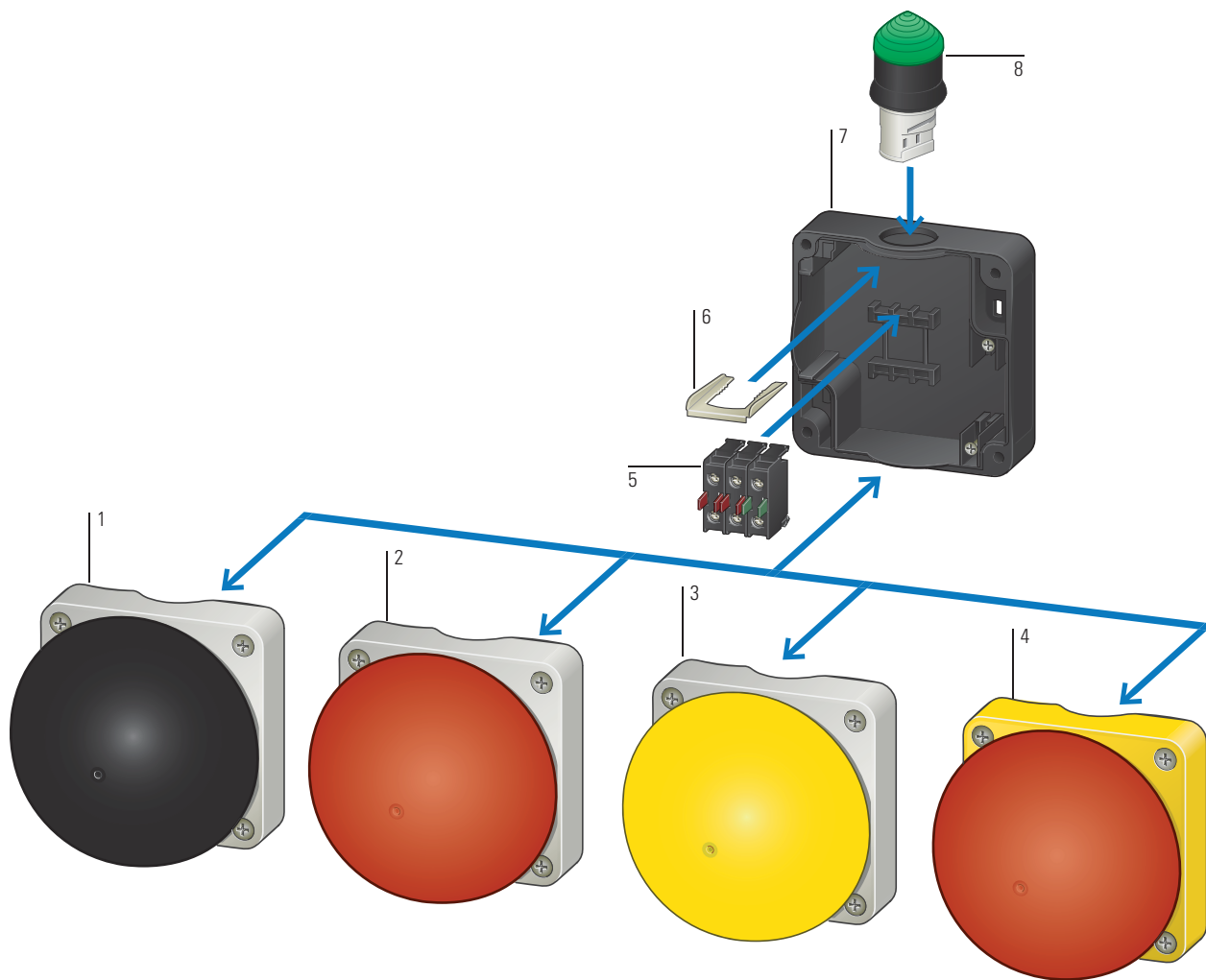
EAT•N

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Enclosure base	7
Prepared for contact elements	
Base fixing (not for ...SMC... contacts)	
• Page 3	

Operator only with mushroom head	1, 2, 3, 4
Various color combinations	
Yellow/red for Emergency stop or emergency switching off applications	
European Machinery Safety Directive 2006/42/EC	
For foot or hand operation	
• Page 3	

Contact elements	5
Base fixing	

Indicator light	
Conical	s
BA9s base	6, 8

FAK foot and palm switches

FAK-...

FAK foot and palm switches

		Equipping with contacts: ☞ = Positive opening safety function according to IEC/EN 60947-5-1 N/O = normally open contact NC = normally closed contact	Circuit symbol	Color of mushroom head	Indicator lights	Degree of protection
Momentary 	Enclosure base: black (RAL 9005) Enclosure top: only light gray (RAL 7035)	1 N/O 1 NC		Black		IP67, IP69K
		1 N/O 1 NC		Red		IP67, IP69K
	Enclosure base: gray Enclosure top: yellow	1 N/O 1 NC		Black		IP67, IP69K
		— 2 NC		Red		IP67, IP69K
Maintained  	Pull to release Emergency stop pushbutton tamper-proof to ISO 13850/EN 418 Enclosure base: black (RAL 9005) Enclosure top: yellow (RAL 1004)	— 1 NC		Red		IP67, IP69K
		1 N/O 1 NC		Red		IP67, IP69K
		— 2 NC	—	Red		IP67, IP69K
	Enclosure base: gray Enclosure top: yellow Button, red Release by button on the side For Emergency-Stop applications according to ISO 13850 Can also be used as emergency switching off device	1 N/O 1 NC		Red		IP65

Customized complete unit

* = Freely selectable customer identification or stock no.: max. 10 characters An order consists of: enclosure base, enclosure top, contact elements for base fixing (→ Page 2/31)

ATEX  → Engineering

Enclosure base	IP67, IP69K
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For max. 3 contact elements

	Black	IP67, IP69K
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Enclosure top

Momentary				
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	—	Gray	Black	IP67, IP69K
--	---	------	-------	-------------

	—	Gray	Red	IP67, IP69K
--	---	------	-----	-------------

	—	Gray	Yellow	IP67, IP69K
--	---	------	--------	-------------

Maintained	—	Yellow	Red	IP67, IP69K
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ATEX

ATEX  → Engineering

Only in conjunction with FAK-COMBINATION-* For use in accordance with the ATEX directive in dust-laden areas, Zone 22, Category 3 Ordering examples → Engineering

IP67, IP69K

FAK foot and palm switches

FAK-...

Part no.
Article no.

Price
See price list

Std. pack

Approval mark

Information relevant for export to North America



FAK-S/KC11/I
229749

1 off



Product Standards IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05;
CSA-C22.2 No. 94-91; CE marking
UL File No. E29184
UL CCN NKCR
CSA File No. 012528
CSA Class No. 3211-03
NA Certification UL Listed, CSA certified
Degree of Protection UL/CSA Type 3R, 4X, 12, 13

FAK-R/KC11/I
229746

FAK-S/KC11A/I
262173

FAK-R/KC11A/I
262174

FAK-R/V/KC01/IY
229747

FAK-R/V/KC11/IY
229748

FAK-R/V/KC02/IY
256790

FAK-R/V/KC11A/I
001475

1 off



totally insulated

ATEX Engineering

FAK-COMBINATION-*
229758

1 off

FAK-IU
229753

1 off

FAK-S
095540

1 off

Product Standards IEC/EN 60947-5; UL 508; CSA-C22.2 No. 14-05;
CSA-C22.2 No. 94-91; CE marking
UL File No. E29184
UL CCN NKCR
CSA File No. 012528
CSA Class No. 3211-03
NA Certification UL Listed, CSA certified
Degree of Protection UL/CSA Type 3R, 4X, 12, 13

FAK-R
071810

FAK-Y
229754

FAK-R/V/Y
229755

FAK-ATEX
104381

1 off

FAK foot and palm switches

FAK-...

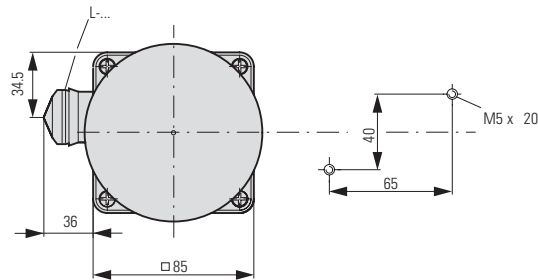
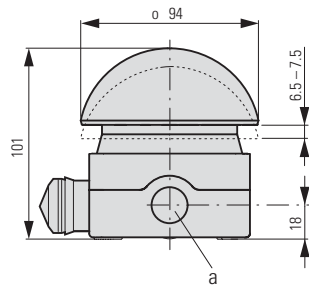
Technical data

		Unit	FAK foot and palm switch Momentary	Maintained	FAK-R/V/KC11A/I Maintained
General					
Standards			IEC/EN 60947, VDE 0660	IEC/EN 60947, VDE 0660	IEC/EN 60947, VDE 0660
Lifespan, mechanical	Operations	x 10 ⁶	1	0.1	0.1
Operating frequency	Operations/h		≤3600	≤ 600	≤ 600
Actuating force		N	20 - 40	40 - 60	15 - 25
Operating torque		Nm	—	—	—
Protection type, IEC/EN 60529			IP67, IP69K	IP67, IP69K	IP65
Climatic proofing			Damp heat, constant, to IEC 60068-2-78 Damp heat, cyclic, to IEC 60068-2-30		
Ambient temperature					
Open		°C	-25 - +40	-25 - +40	-25 - +40
Mounting position			Any	Any	Any
Mechanical shock resistance to IEC 60068-2-27 Shock duration 11 ms, half-sinusoidal		g	> 15	> 15	> 15

Dimensions

Foot and palm switch RMQ-Titan

FAK...



3 x M20 (Pg 13.5) lateral
1 x M16 in the base

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FAK-EN(12-2011)



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