


Product Survey

4

Versions	Recommended Key grid	Illumination			Overall height	Contacts	Page
		Keyswitch		Signal indicator			
RACON 8 	≥ 12 mm	Non-illuminated			5.0 mm (variable plunger)	Gold	4 - 6
RACON 12 	≥ 15.24 mm	Non-illuminated			5.0 mm (variable plunger)	Gold	4 - 10
RACON 12 V 		Non-illuminated			5.0 mm (variabler plunger)	Gold	4 - 14
RACON 12 i 	≥ 15.24 mm	Fully illuminated			9.7 mm	Gold	4 - 16
RF 15 	≥ 19.05 mm	Non-illuminated	Fully/spot illuminated	Fully illuminated	9.7 mm or 12.5 mm (with keycap)	Gold or Silver	4 - 26
RF 15 N (nieder) 	≥ 19.05 mm	Non-illuminated	Illumination by separate/integrated LED (depending on overall height)		6.2 mm 9.7 mm 12.5 mm 22.5 mm (var. plunger)	Gold or Silver	4 - 32
RF 15 R (rund) 	≥ 15.24 mm	Non-illuminated	Spot illuminated		9.7 mm or 12.5 mm	Gold or Silver	4 - 36
RF 15 H (hoch) 	≥ 20 mm	Non-illuminated	Fully illuminated		12.5 mm	Gold or Silver	4 - 42
RF 19 	≥ 23 mm	Non-illuminated	Fully/spot illuminated	Fully illuminated	9.7 mm	Gold or Silver	4 - 50
RF 19, 1 Ö + 1 S 	≥ 23 mm	Non-illuminated			9.7 mm	Gold or Silver	4 - 56

Versions	Recommended Key grid	Illumination		Overall height	Contacts	Page
		Keyswitch	Signal indicator			
RF 19 H (high profile) 	≥ 24 mm		Fully illuminated	12.5 mm	Gold or Silver	4 - 60
Main switch KN19 	≥ 19.05 x 38.1 mm	Non-illuminated	Spot illuminated with 1 LED	9.7 mm	Silver	4 - 75
RK 90 System 	≥ 12.50 mm	Depending on the type of keyswitch used: - RACON (without plunger) - RF 15/RF 15 N - RF 19 - KN 19				4 - 79
RG 85 III System 	≥ 35/55 mm	Edge-illuminated and symbol illumination	Fully illuminated	14 mm	Silver	4 - 95
Full-Travael Keyswitch RS 76 	≥ 19.05 mm	Non-illuminated	Fully/spot illuminated	15.5/15.9 mm (with key caps)	RS 76 M: Gold RS 76 C: contactless	4 - 115
Keyswitches for Conductor Board 	≥ 19.05 mm	Non-illuminated		19.5 mm (without key)	Gold	4 - 143

Examples for Applications Standards

RF 15



CE-Conformity

The products of the Chapter "PCB Keyswitches" can – relating to the CE-conformity according to the Low-Voltage Directive 73/23/EWG – be divided into the following groups:

All products with an operating voltage $U_B > 50 V$
 F. ex. Short-Travel Main Switch KN 19, for this product the Low-Voltage Directive 73/23/EWG applies.

All products with an operating voltage $U_B < 50 V$
 F. ex. RACON, RF 15, RS 76, for these components no directive applies.

RG 85 III System



Single parts, accessories and illumination
 No directive applies for these products.

EMC-Law
 The components of this catalogue are within the meaning of the law concerning the electromagnetic conformity (= EMC-Law) "basic components as, for ex., switches, signal lamps or like" and, therefore, do not fall within the scope of the EMC-Law.

Declarations of Conformity
 Declarations of conformity for all concerned products are available and can be delivered upon request. Please always state the exact order reference of the respective product.

Marking
 The marking will be corresponding to the Low-Voltage Directive 73/23/EWG resp. the Directive "CE-Marking 93/68/EWG" either on the packing or on the product itself or on the shipping documents.

RF 15 with RK 90 System



UL-approval

for **RACON 8/12, KN 19 and Short-Travel Keyswitches RF 15/19**

The Short-Travel Main Switch KN 19 and data entry systems which are built with Rafi short-travel switches according to our design proposals meet the requirements of the UL approvals for the American market.

UL file no. for KN 19: E 116362
 UL file no. for data entry systems: E 202520

4