

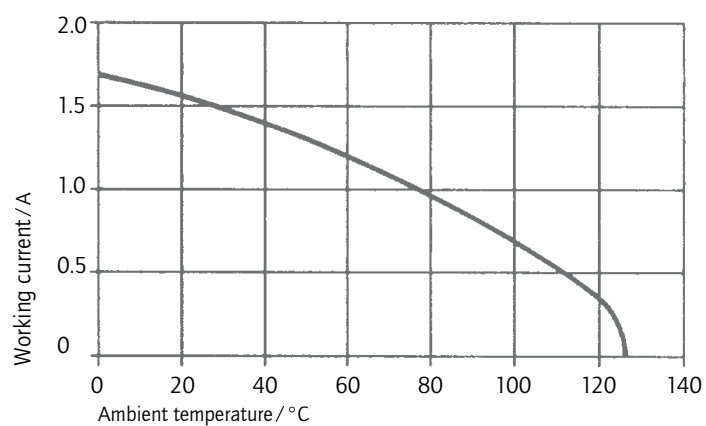
TECHNICAL DATA

Materials		Type B, B/2	Type C, C/2	Type R, R/2	Type D	Type E
Insulator		PBT GF				
Flammability		UL 94 V-0				
Contacts		Copper alloy				
Contact plating		gold over nickel				
Creepage distance	contact-ground contact-contact	≥ 1.2 mm			≥ 3 mm	
Clearance distance	contact-ground contact-contact	≥ 1.2 mm			≥ 3 mm	
Initial contact resistance		≤ 20 mΩ			≤ 15 mΩ	
Initial insulation resistance	Quality class 1 Quality class 2 Quality class 3	≥ 10 ¹² Ω ≥ 10 ¹² Ω ≥ 10 ¹¹ Ω				
Working voltage		250 V depending on insulation coordination (refer to DIN VDE 0110/IEC 664-1)			125 V	
Working current	+ 20 °C + 70 °C + 100 °C	2 A 1 A 0.5 A			5.5 A 4 A 2.5 A	
Working temperature		-55 °C to +125 °C				
Insulation group		A			C	
Test voltage V.r.m.s.	contact-ground contact-contact	1550 V 1000 V			1550 V 1550 V	
Insertion and withdrawal forces max.		16 positions 15 N 96 positions 90 N			16 positions 20 N 32 positions 40 N	16 positions 20 N 32 positions 40 N 48 positions 60 N
Quality class 3		50 cycles				
Quality class 2		400 cycles				
Quality class 1		500 cycles				

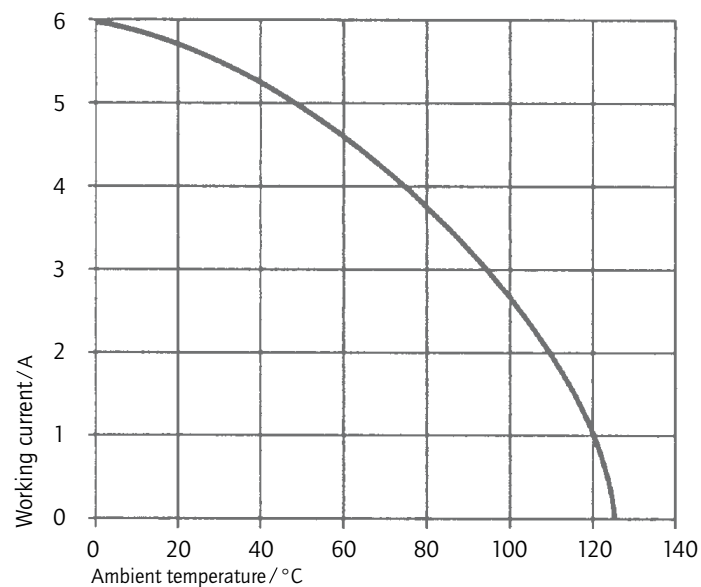
Technical alterations are subjects to change without notice.

DERATING DIAGRAMS

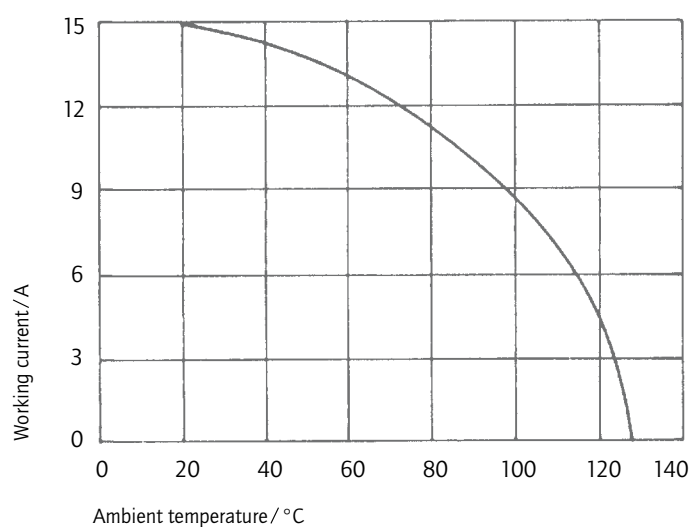
Types B, C, R



Types D, E, F, G



Type H 15



Type H 11

