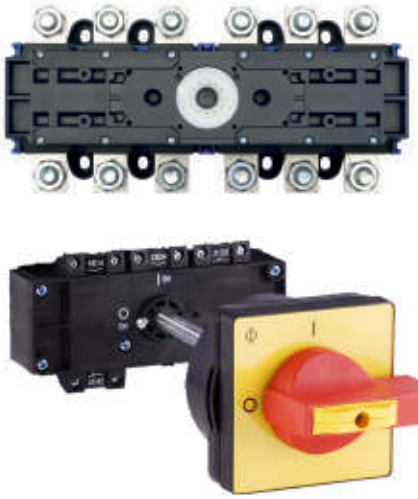
According to IEC 60947-3, EN 60947-3, VDE 0660 part 107

Typical Product Image



Rated Thermal Current $I_u/I_{th}/I_{the}$					
				A	125
Rated Insulation Voltage U_i [1]					
				V	1000
Rated Impulse Withstand Voltage U_{imp}					
				kV	8
Rated Operational Current I_e					
AC-21A	Switching of resistive loads, including moderate overloads			A	125
AC-22A	Switching of combined resistive or low inductive loads including moderate overloads		220 V–500 V 660 V–690 V	A	125 100
Rated Utilization Category					
AC-3	Direct-on-line starting	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	22 37 45 30
AC-23A	Frequent switching of motors or other high inductive loads	3 phase, 3 pole	220 V–240 V 380 V–440 V 500 V 660 V–690 V	kW	30 45 55 37
Short Circuit Protection					
Max. fuse size	gG-characteristic			A	125
Rated short-time withstand current	(1 s-current)			A	2500
For connections with insulated ring and fork type cable terminal - copper wires only					
	Single-core or stranded wire			mm^2	95
	Flexible wire			mm^2	70
	Flexible wire with sleeving in accordance with DIN 46228			mm^2	70
	For connections with cable terminal or copper busbar:				
	Connecting screw			mm	M10x20
	max. width			mm	20
	max. width with protective cover			mm	25

[1] Valid for lines with grounded common neutral termination, overvoltage category III, Other values on request.

Miscellaneous

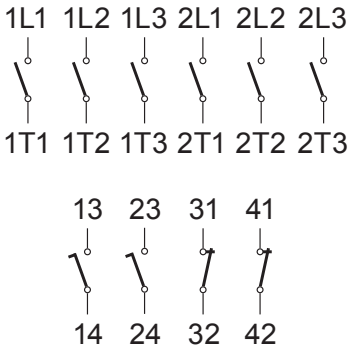
Power loss per contact at I_u:	3,1 W	
Ambient Temperature of Stages :	open at 100 % I_u/I_{th}	50 °C during 24 hours with peaks up to 55 °C
	enclosed at 100 % I_{the}	35 °C during 24 hours with peaks up to 40 °C
Storage temperature:	-40 °C to 85 °C (in case of temperature below -5 °C no shock load permissible)	

Approvals and Standards

IEC 60947
EN 60947

Connection Diagram, General Description and Dimensions

Connection Diagram



General Description

- 6 pole +2 N/O E.B +2 N/C aux.
- Switch-Disconnector.
- Interlocking door clutch.
- Red/yellow padlocking handle.
- Supplied with terminal covers.

