

General characteristics

Switching diagram	69 - Changeover switch without 0 4 poles
N° of elements	4
Mounting form	O - Rear mounting with black handle

Contact characteristics

Rated insulation voltage U_i	IEC/EN	V	690
	UL/CSA	V	600
Rated impulse withstand voltage U_{imp}		kV	6
Conventional free air thermal current I_{th}	IEC/EN	A	125
	UL/CSA	A	130
Rated operational voltage		V	690
Rated operational impulse voltage		kV	6
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A	125
	15kA	A	100
	25kA	A	100
	50kA	A	100
	63kA	A	100
Rated short time current I_{cw}	1s	kA	2100
			10/5 mA/V
Conductivity			
Operational current I_e IEC/EN			
AC1/AC21A		A	125
AC15	110V	A	40
	220/230V	A	28
	380/400V	A	15
	660/690V	A	5
Rated operational power in AC			
Three-phase AC-3	220/230V	kW	18.5
	380/440V	kW	37
	500/690V	kW	33
Single-phase AC-3	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15
Three-phase AC23A	220/230V	kW	30
	380/440V	kW	45
	500/690V	kW	37
Single-phase AC23A	110V	kW	5
	220/230V	kW	11
	380/440V	kW	15
Rated operational current in DC			

DC21A

48V	A	125
60V	A	80
110V	A	10
220V	A	1.2

DC23A (poles in series)

24V	A	125 (1)
48V	A	125 (2)
60V	A	125 (3)
110V	A	50 (3)
220V	A	20 (4)

DC13

24V	A	125
48V	A	100
60V	A	50
110V	A	4

Power dissipation	W	6.3
-------------------	---	-----

Mechanical features

Terminals screw	M2X5
-----------------	------

Tightening torque for terminals max	Nm	2
-------------------------------------	----	---

Conductor size

AWG - Rigid cable

min	AWG	14
Max	AWG	1/0

AWG - Flexible cable

min	AWG	14
Max	AWG	1/0

Conductor size (IEC) - Flexible cable

min	mm ²	2.5
Max	mm ²	50

Conductor size (IEC) - Rigid cable

min	mm ²	2.5
Max	mm ²	50

Mechanical life	cycles	1X10 ⁶
-----------------	--------	-------------------

UL technical data

Motor power for direct-on-line control

for three-phase motor

120V	HP	15
240V	HP	25
480V	HP	50
600V	HP	40

for single-phase motor

120V	HP	5
240V	HP	15

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

Frontal IP degree	IP40
-------------------	------

Terminals IP degree	IP00
ETIM classification	
ETIM 8.0	EC001029 - Selector switch, complete