



General characteristics

Switching diagram	92 - ON/OFF switch 4 poles
N° of elements	2
Mounting form	U - Front 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
Conductivity			10/5 mA/V
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

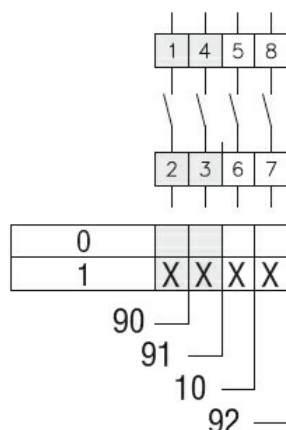
Storage temperature	max	°C	+55
	min	°C	-40
	max	°C	+70

Resistance & Protection

Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions

Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14
IEC/EN/BS 60947-1
IEC/EN/BS 60947-3
IEC/EN/BS 60947-5-1
UL60947-4-1

Certificates

EAC
UL

ETIM classification

ETIM 8.0	EC001105 - Off-load switch
----------	----------------------------