

General characteristics

Switching diagram	08 - ON/OFF switch 4 poles
N° of elements	2
Mounting form	O98 - Rear mounting with red/yellow handle padlockable in 0, door coupling and protection covers

Contact characteristics

Rated insulation voltage Ui		IEC/EN	V	690		
		UL/CSA	V	600		
Rated impulse withstand voltage Uimp			kV	6		
Conventional free air thermal current Ith		IEC/EN	A	32		
		UL/CSA	A	40		
Rated operational voltage			V	480		
Rated operational impulse voltage			kV	4		
Maximum fuse size for short-circuit protection In (gG)		10kA	A	32		
		15kA	A	32		
		25kA	A	32		
		50kA	A	32		
Rated short time current Icw		1s	kA	800		
				10/5 mA/V		
Conductivity						
Operational current Ie IEC/EN		AC1/AC21A				
			A	32		
AC15		110V	A	25		
		220/230V	A	20		
		380/400V	A	10		
		660/690V	A	2		
Rated operational power in AC		Three-phase AC-3		220/230V	kW	7.5
				380/440V	kW	11
				500/690V	kW	11
		Single-phase AC-3		110V	kW	2.2
				220/230V	kW	4
				380/440V	kW	6.5
		Three-phase AC23A		220/230V	kW	8
				380/440V	kW	15
				500/690V	kW	18.5
		Single-phase AC23A		110V	kW	2.2
				220/230V	kW	4
				380/440V	kW	7.5

Rated operational current in DC

DC21A

48V	A	32
60V	A	32
110V	A	6
220V	A	0.9

DC23A (poles in series)

24V	A	32 (1)
48V	A	32 (2)
60V	A	32 (3)
110V	A	15 (3)
220V	A	12 (4)

DC13

24V	A	32
48V	A	25
60V	A	16
110V	A	3
220V	A	0.5

Power dissipation

W 1.5

Mechanical features

Terminals screw

M4

Tightening torque for terminals max

Nm 1.2

Conductor size

AWG - Rigid cable

min	AWG	16
Max	AWG	8

AWG - Flexible cable

min	AWG	16
Max	AWG	10

Conductor size (IEC) - Flexible cable

min	mm ²	1.5
Max	mm ²	4

Conductor size (IEC) - Rigid cable

min	mm ²	1.5
Max	mm ²	6

Mechanical life

cycles 5x10⁶

UL technical data

Motor power for direct-on-line control

for three-phase motor

120V	HP	5
240V	HP	10
480V	HP	15
600V	HP	15

for single-phase motor

120V	HP	2
240V	HP	5

Ambient conditions

Temperature

Operating temperature

min	°C	-25
max	°C	+55

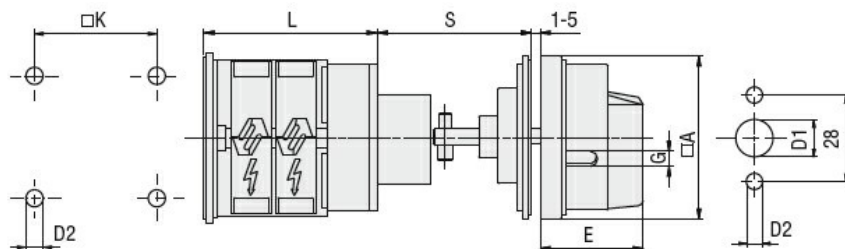
Storage temperature

min	°C	-40
max	°C	+70

Resistance & Protection

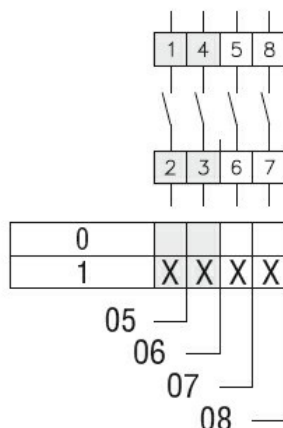
Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions



Series	Dimensions							L			
	□A	D1	D2	E	G	□K	S	1	2	3...12	
7GN12	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN20	65	12	5	34.2	5	36	45-55	41.1	50.8	60.5	147.8
7GN25	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN40	65	14	5	38	6	48	45-55	51.5	66.6	81.7	217.6
7GN63	65	14	6	38	6	68	45-55	57.3	75.4	93.5	256.4

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

cCSAus
EAC
UL

ETIM classification

ETIM 8.0

EC001029 -
Selector switch,
complete