

Product designation			Rotary cam switches		
Product type designation			GN315		
General characteristics					
Switching diagram			86 - Multi-step 1-2-3 2 poles		
N° of elements			3		
Mounting form			O - Rear mounting with black handle		
Contact characteristics					
Rated insulation voltage Ui			IEC/EN	V	690
			UL/CSA	V	600
Rated impulse withstand voltage Uimp			kV	8	
Conventional free air thermal current Ith			IEC/EN	A	315
			UL/CSA	A	255
Rated operational voltage			V	690	
Rated operational impulse voltage			kV	6	
Maximum fuse size for short-circuit protection In (gG)			10kA	A	315
			15kA	A	315
Rated short time current Icw			1s	kA	5200
Operational current Ie IEC/EN					
AC1/AC21A			A	315	
Rated operational power in AC					
Three-phase AC-3			220/230V	kW	37
			380/440V	kW	55
			500/690V	kW	69
Single-phase AC-3			110V	kW	11
			220/230V	kW	22
			380/440V	kW	30
Rated operational current in DC					
DC21A			48V	A	200
			60V	A	200
			110V	A	35
			220V	A	2.5
			440V	A	0.9
Power dissipation			W	64.5	
Mechanical features					
Terminals screw			M10		
Tightening torque for terminals max			Nm	10	
Conductor size			AWG - Rigid cable		
			Max	AWG	1XMCM350
AWG - Flexible cable					
			Max	AWG	1XMCM350

Conductor size (IEC) - Flexible cable	Max	mm ²	1X185
---------------------------------------	-----	-----------------	-------

Conductor size (IEC) - Rigid cable	Max	mm ²	1X185
------------------------------------	-----	-----------------	-------

Mechanical life		cycles	2X10 ⁵
-----------------	--	--------	-------------------

UL technical data

Motor power for direct-on-line control for three-phase motor	120V	HP	30
	240V	HP	50
	480V	HP	100
	600V	HP	75
for single-phase motor	120V	HP	15
	240V	HP	30

Ambient conditions

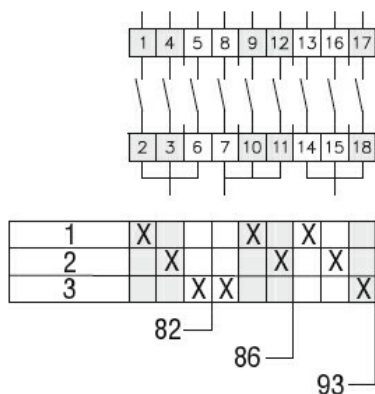
Temperature	Operating temperature	min	°C	-25
		max	°C	+55
	Storage temperature	min	°C	-40
		max	°C	+70

Resistance & Protection

Frontal IP degree	IP40
Terminals IP degree	IP00

Dimensions

Wiring diagrams



Certifications and compliance

Compliance	IEC/EN/BS 60947-1
	IEC/EN/BS 60947-3
	IEC/EN/BS 60947-5-1
	UL60947-4-1

Certificates	UR
--------------	----

ETIM classification

ETIM 8.0	EC001029 - Selector switch, complete
----------	--