

Product designation				Rotary cam switches
Product type designation				GN25
<b>General characteristics</b>				
Switching diagram				83
N° of elements				2
<b>Contact characteristics</b>				
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	25	
	UL/CSA	A	30	
Rated operational voltage			V	480
Maximum fuse size for short-circuit protection In (gG)	10kA	A	25	
	25kA	A	25	
Rated short time current Icw			1s	A
				400
Operational current Ie IEC/EN	AC1/AC21A			A
				25
AC15	110V	A	16	
	220/230V	A	12	
	380/400V	A	8	
	660/690V	A	2	
Rated operational power in AC	Three-phase AC-3			
	220/230V	kW	5.5	
	500/690V	kW	7.5	
	Single-phase AC-3			
	110V	kW	1.5	
	220/230V	kW	3	
	380/440V	kW	5.5	
Three-phase AC23A	220/230V	kW	6.5	
	380/440V	kW	11	
	500/690V	kW	11	
	Single-phase AC23A			
	110V	kW	1.5	
	220/230V	kW	3.7	
	380/440V	kW	5.5	
Rated operational current in DC	DC21A			
	48V	A	25	
	60V	A	25	
	110V	A	4	
	220V	A	0.7	
	DC23A (poles in series)			
	24V	A	25 (1)	
	48V	A	25 (2)	

	60V	A	25 (3)
	110V	A	12 (3)
	220V	A	10 (4)
DC13			
	24V	A	25
	48V	A	20
	60V	A	16
	110V	A	1.5
	220V	A	0.4
<b>Mechanical features</b>			
Terminals screw			M3.5
Tightening torque for terminals max		Nm	0.8
Conductor size			
AWG - Rigid cable			
	min	AWG	20
	Max	AWG	10
AWG - Flexible cable			
	min	AWG	20
	Max	AWG	12
Conductor size (IEC) - Flexible cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	4
Conductor size (IEC) - Rigid cable			
	min	mm <sup>2</sup>	0.5
	Max	mm <sup>2</sup>	4
Mechanical life		cycles	5x10 <sup>6</sup>
<b>UL technical data</b>			
Motor power for direct-on-line control for three-phase motor	480V	HP	10
<b>Ambient conditions</b>			
Temperature			
Operating temperature			
	min	°C	-25
	max	°C	+55
Storage temperature			
	min	°C	-40
	max	°C	+70
<b>Resistance &amp; Protection</b>			
Frontal IP degree			IP40
Terminals IP degree			IP00
<b>ETIM classification</b>			
ETIM 8.0			EC001029 - Selector switch, complete