

Product designation				Rotary cam switches	
Product type designation				GN25	
General characteristics					
Switching diagram				24	
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		25	
	UL/CSA	A		30	
Rated operational voltage		V		480	
Maximum fuse size for short-circuit protection I_n (gG)	10kA	A		25	
	25kA	A		25	
Rated short time current I_{cw}					
	1s	A		400	
Operational current I_e 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
Mechanical features			
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 ²	0.5
	Max	mm ²	4
Conductor size (IEC) - Rigid cable	min	mm ²	0.5
	Max	mm ²	4
Mechanical life		cycles	5x10 ⁶
UL technical data			
Motor power for direct-on-line control for three-phase motor	480V	HP	10
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