



ENERGY AND AUTOMATION

Product type designation	Product designation				Rotary cam
Semeral characteristics 96	_	on			switches
Switching diagram					GNZU
Contact characteristics					96
IEC/EN V 680 C C C C C C C C C		3			
Name	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Ulimp			= :		
Conventional free air thermal current lth			UL/CSA		
IEC/EN	i	• •		kV	6
Rated operational voltage V	Conventional free air tr	nermal current ith	IEO/EN		00
Rated operational voltage					
Maximum fuse size for short-circuit protection in (gG)	Pated operational volts	200	UL/CSA		
10kA				V	400
Rated short time current Icw 1s	Maximum ruse size for	short circuit protection in (gC)	10kA	Α	20
Rated short time current lcw					
Three-phase AC-3 Three-phase	Rated short time curre	nt Icw			
AC1/AC21A AC15 AC15 110V A 10 220/230V A 8 380/400V A 1.5 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC23A Three-phase AC23A 220/230V kW 0.8 220/230V kW 0.5.5 500/690V kW 0.8 220/230V kW 0.8 220/			1s	Α	250
AC15 AC15 110V A 10 220/230V A 8 380/400V A 6 660/690V A 1.5 Rated operational power in AC Three-phase AC-3 Single-phase AC-3 Three-phase AC-3 220/230V	Operational current le	IEC/EN			
AC15 110V	•				
110V				Α	20
Rated operational power in AC		AC15			
Rated operational power in AC					
Rated operational power in AC					
Rated operational power in AC					
Three-phase AC-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 5.5 Single-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 2.5 380/440V kW 3.7 Rated operational current in DC DC21A 48V A 20 60V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series)	Detail an austicus I novem in AO		000/0907	A	1.5
Single-phase AC-3	Rated operational pow				
380/440V		Tillee-pilase AC-3	220/230\/	k\/\/	3
Single-phase AC-3					
110V kW 0.8 220/230V kW 2.2 380/440V kW 3 3					
220/230V kW 2.2 380/440V kW 3		Single-phase AC-3			
380/440V kW 3 Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 2.5 380/440V kW 3.7 Stated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 4 220V A 0.6 440V A 0.25 DC23A (poles in series) DC23A (poles in series)			110V	kW	0.8
Three-phase AC23A 220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 2.5 380/440V kW 3.7 Rated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series)					
220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5			380/440V	kW	3
380/440V kW 7.5 500/690V kW 0.8 220/230V kW 2.5 380/440V kW 3.7 7.5 500/690V kW 3.7 7.5 500/690V kW 3.7 7.5 500/690V kW 3.7 7.5 500/690V kW 3.7 7.5		Three-phase AC23A			_
Single-phase AC23A 110V kW 0.8 220/230V kW 2.5 380/440V kW 3.7					
Single-phase AC23A					
110V kW 0.8 220/230V kW 2.5 380/440V kW 3.7		Single phase AC22A	500/6907	KVV	7.5
220/230V kW 2.5 380/440V kW 3.7		Olligie-pliase AOZSA	110\/	k\//	0.8
Rated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 440V A 0.65 0 0 0 0 0 0 0 0 0					
Rated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series)					
DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series)	Rated operational curr	ent in DC			
48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series)	•				
110V A 4 220V A 0.6 440V A 0.25 DC23A (poles in series)				Α	
220V A 0.6 440V A 0.25 DC23A (poles in series)					
DC23A (poles in series)					
DC23A (poles in series)					
· · · · · · · · · · · · · · · · · · ·		DC224 (nales in resides)	440V	A	0.25
24V A 20 (1)		DUZ3A (poles in series)	0.417	٨	20 (1)
					ZU (1)





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		48V	Α	20 (2)
		60V	Α	20 (3)
		110V	Α	10 (3)
		220V	A	8 (4)
	DC13	220 V		0 (4)
	DC13	24V	۸	20
			A	
		48V	A	16
		60V	A	12
		110V	Α	1
		220V	Α	0.4
		440V	Α	0.15
Mechanical features				
Terminals screw				M3
Tightening torque for te	erminals max		Nm	0.5
Conductor size				_
	AWG - Rigid cable			
	ŭ	min	AWG	20
		Max	AWG	12
	AWG - Flexible cable	THOSE	71110	
	AVVO - I lexible cable	min	AWG	20
				14
	<u> </u>	Max	AWG	14
	Conductor size (IEC) - Flexible cable		2	
	-	min	mm²	0.5
	Conductor size (IEC) - Rigid cable			
		Max	mm²	2.5
Mechanical life			cycles	5x10 ⁶
UL technical data				
Motor power for direct-	on-line control			
	for three-phase motor			
	·	240V	HP	3
Ambient conditions				
Temperature				
· oporataro	Operating temperature			
	operating temperature	min	°C	-25
		max	°C	+55
	Ctoro as to report we	IIIdX	<u> </u>	+55
	Storage temperature		0.0	40
		min	°C	-40
		max	°C	+70
Resistance & Protection	on			
Frontal IP degree				IP40
Terminals IP degree				IP00
ETIM classification				
				EC001029 -
ETIM 8.0				Selector switch,
				complete