

ENERGY AND AUTOMATION

Product type designation	Product designation				Rotary cam switches
Several characteristics	Product type designation				
N° of elements					
Contact characteristics Rated insulation voltage Ui	Switching diagram				10
Rated insulation voltage Uimp	N° of elements				2
IEC/EN V 690	Contact characteristics	3			
Name	Rated insulation voltag	e Ui			
Rated impulse withstand voltage Uimp			IEC/EN	V	
Conventional free air thermal current lth			UL/CSA		
Rated operational voltage V		•		kV	6
Rated operational voltage V 480 Maximum fuse size for short-circuit protection in (gG) 10kA A 20 25kA A 16 Rated short time current lcw 1s A 250 25kA A 16 Rated short time current lcw 1s A 250 A 20 A A A A A A A A A	Conventional free air the	nermal current Ith			
Rated operational voltage				Α	
Maximum fuse size for short-circuit protection In (gG)			UL/CSA		
10kA		<u>-</u>		V	480
Rated short time current Icw 1s	Maximum fuse size for	short-circuit protection In (gG)			
Rated short time current low					
Three-phase AC23A Single-phase AC23A Single-p			25kA	Α	16
AC1/AC21A	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-3 220/230V kW 3 380/440V kW 5.5 500/690V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 3. 220/230V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 5.5 Single-phase AC-3 110V kW 0.8 220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 7.5 380/440V kW 7.5 380/440V kW 7.5 380/440V kW 3.7 Rated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6 60V A 20 110V A 4 220V A 0.6 440V A 0.25			1s	Α	250
A 20 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-3 220/230V 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 AC-3 110V kW 0.8 220/230V kW 2.2 380/440V kW 3 Three-phase AC23A 220/230V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 7.5 500/690V kW 7.5 Single-phase AC23A 110V kW 0.8 220/230V kW 7.5 380/440V kW 7.5 500/690V kW 7.5 Rated operational current in DC DC21A ARV 0.8 48V 0.8 60V 0.	Operational current le				
AC15 110V		AC1/AC21A			
110V				A	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 2.2 380/440V kW 3 500/690V kW 5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 5 500/690V kW 7.5 500/690V kW 5 500/690V kW 7.5 500/690V kW 7.5 500/690V kW 2.5 380/440V kW 3.7 Kated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 4 220V A 0.6 440V A 0.25 60V A 0.6 0.25 60V A 0.25 60V	D 		660/690V	A	1.5
Single-phase AC-3					
380/440V		Three-phase AC-3	000/000	1-107	2
Single-phase AC-3					
Single-phase AC-3					
110V kW 0.8 220/230V kW 2.2 380/440V kW 3 3		Single phase AC 2	500/690V	KVV	5.5
220/230V kW 2.2 380/440V kW 3		Single-phase AC-S	110\/	L///	0.8
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 60V A 20 110V A 4 4 220V A 0.6 440V A 0.25 500/690V A 0					
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					
220/230V kW 5 380/440V kW 7.5 500/690V kW 7.5		Three-phase AC23A	330/ 1 1 0 V	17.4.4	
380/440V kW 7.5 500/690V kW 7.5		00 phase //020//	220/230V	kW	5
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 AC23A			
220/230V kW 2.5 380/440V kW 3.7		3 1	110V	kW	0.8
Saby					
Rated operational current in DC DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25					
DC21A 48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25	Rated operational current in DC				
48V A 20 60V A 20 110V A 4 220V A 0.6 440V A 0.25	•				
60V A 20 110V A 4 220V A 0.6 440V A 0.25			48V	Α	20
110V A 4 220V A 0.6 440V A 0.25					
220V A 0.6 440V A 0.25				Α	
			220V	Α	0.6
DC23A (poles in series)			440V	<u>A</u>	0.25
		DC23A (poles in series)			





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ETIM 8.0				Selector switch, complete
ETIM classification				EC001029 -
Terminals IP degree				IP00
Frontal IP degree				IP65
Resistance & Protect	etion			
		max	°C	+70
		min	°C	-40
	Storage temperature			
		max	°C	+55
		min	°C	-25
•	Operating temperature			
Temperature				
Ambient conditions				
	·	240V	HP	3
,	for three-phase motor			
Motor power for dire	ct-on-line control			
UL technical data			- ,	
Mechanical life			cycles	5x10 ⁶
	1 1.1.2.2.1.2. (12.3) 1 11g. 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Max	mm²	2.5
	Conductor size (IEC) - Rigid cable	111111		
	Constitution Size (IEO) I loxible dable	min	mm²	0.5
	Conductor size (IEC) - Flexible cable	IVICA	7.000	1 T
		Max	AWG	14
	AWO - I TEXIDIE CADIC	min	AWG	20
	AWG - Flexible cable	iviax	AVVG	12
		min Max	AWG	12
	AWG - Rigid cable	min	AWG	20
Conductor size	AWC Bigid cable			
Tightening torque for	terminals max		Nm	0.5
Terminals screw	tamainale may		NI	M3
Mechanical features				MO
		440V	Α	0.15
		220V	Α	0.4
		110V	Α	1
		60V	Α	12
		48V	Α	16
		24V	Α	20
	DC13			· /
		220V	A	8 (4)
		110V	A	10 (3)
		60V	A	20 (3)
		48V	A	20 (1)
		24V	Α	20 (1)