



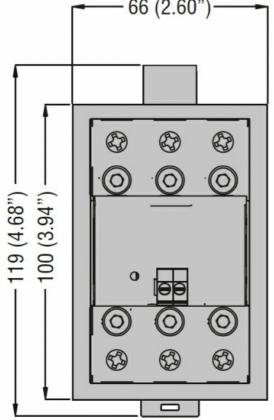
Product designation Product type designation			Solid state rela HS2C
Type			Three-phase (2 controlled)
nput characteristics			controlled)
Control voltage			432VDC
Operating voltage limits			
	perating voltage pick-up	V	4
	erating voltage drop-out	V	2
nput current at minmax voltage	<u> </u>	mA	1321
Dperating times			
Switching-on			Half cycle max
Switching-off			Half cycle max
Output characteristics			
Switching mode			Zero crossing
Rated operating voltage		VAC	48600
Blocking voltage		V	1200
Dperational frequency (minmax)		Hz	4565
Rated operating current AC-51 (resistive load) at 40°C		Α	30
Rated operating current AC-51 (resistive load) at 55°C		А	25
Rated operating current AC-53 (motor load) at 40°C		Α	13.5
Dperational current min		А	0.16
Non repetitive surge peak on state current t=10ms		Α	530
Off state leakage current		mA	1
On state output voltage drop		V	1.2
Critical rate of rise of off-state voltage dv/dt		V/µs	1000
nput - Output isolation		V	5000
nput - Output to metal base		V	5000
Dutput protection type			VDR
2t		A2s	1404
Ferminal characteristics			
Control terminals		Туре	Screw
Ferminals tool			Blade 3.5mm
Fightening torque control terminals			
		Nm	0.5Nm
		Ibin	4.5
Conductor section connectable (control terminals) with 1 or 2 wires	minmax		
	AWG stranded	n°	2812
	Flexible w/o lug	mm2	0.752.5
Flexible	c/w insulated spade lug	mm2	0.752.5
Load terminals		Туре	Screw
Load terminals tool			PH2
Fightening torque load terminals			
		Nm	1.5
		Ibin	13.3

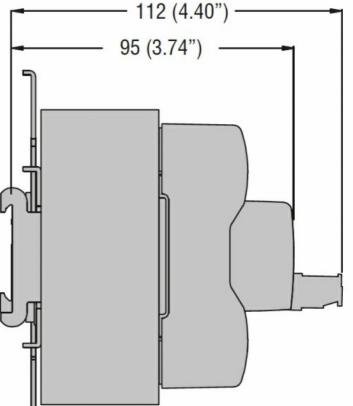


HS2C6HV030D024 SOLID STATE RELAY COMPLETE WITH

HEATSINK, THREE-PHASE (2 CONTROLLED), 30A,
432VDC, SCREW TERMINALS

Conductor section co	nnectable (load terminals) with 1			
		AWG stranded	n°	1810
		Flexible w/o lug	mm2	16
		Flexible c/w insulated spade lug	mm2	116
Operating position				
		allowable		On vertical plane
Fixing				Screw or on 35mm DIN rail
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+80
	Storage temperature			
		min	°C	-40
		max	°C	+130
Dimensions				
r <b>-</b>	— 66 (2.60") — <b>-</b>	<b>112</b> (4.40")		
		95 (3.74")		<b></b>





## Certifications and compliance Certifications IEC/EN/BS 60947-4-2 IEC/EN/BS 60947-4-3 IEC/EN/BS 62314 IEC/EN/BS 6335-1 Compliance cULus ETIM classification EC000066 - Power contactor, AC switching

HS2C6HV030D024 The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding