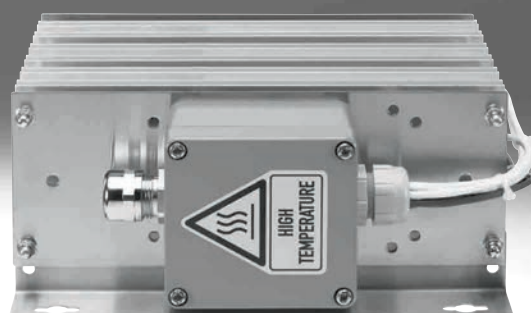


Braking resistors CACR

FESTO



Type codes

001	Series	
CACR	Resistance	

002	Connection technology 1	
LE	Open end	
KL	Terminal	

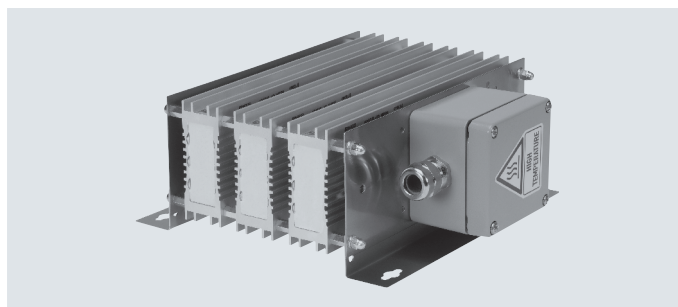
003	Number of pins/wires on the left	
2	2	

004	Resistance value	
6	6 Ohm	
33	33 Ohm	
40	40 Ohm	
50	50 Ohm	
67	67 Ohm	
72	72 Ohm	
100	100 Ohm	
240	240 Ohm	

005	Nominal power	
W60	60 Watt	
W500	500 Watt	
W1800	1800 Watt	
W2000	2000 Watt	
W2400	2400 Watt	

Data sheet

Braking resistor
CACR-LE2
CACR-KL2



General technical data					
Type		CACR-			
		LE2-6-W60	LE2-50-W500	LE2-72-W500	LE2-100-W500
Output at 35% duty cycle and 20°C	[W]	180	500	500	500
Nominal power	[W]	60	200	200	200
Resistance value	[Ω]	6	50	72	100
Connection technology		Open end			
Mounting position		Vertical, horizontal	Vertical		
		Free convection			
Type of mounting		–	Via accessories		
		Via through-hole			
Product weight	[g]	140	550	550	550

Type		CACR-		
		KL2-67-W1800	KL2-40-W2000	KL2-33-W2400
Output at 35% duty cycle and 20°C	[W]	1800	2000	3600 ¹⁾
Nominal power	[W]	720	800	1440
Resistance value	[Ω]	67	40	33
Connection technology		Terminal		
Mounting position		Vertical		
		Free convection		
Type of mounting		Via accessories		
		Via through-hole		
Product weight	[g]	4000	2400	8000

1) As per the UL and CSA approval certificates, the performance data on the rating plate is reduced to 2400 W.

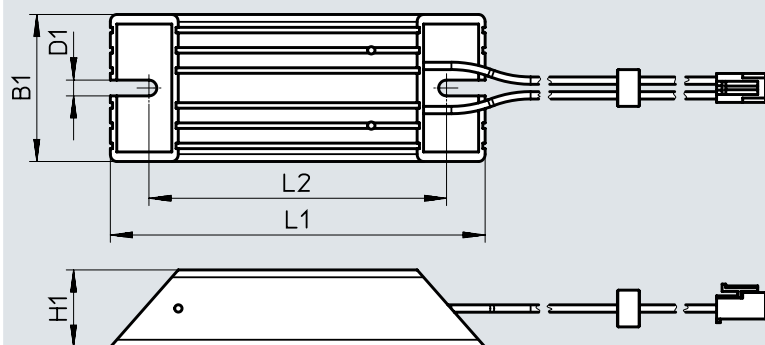
Operating and environmental conditions			
Type		CACR-	
		LE2-6-W60	LE2-.../KL2-...
Ambient temperature	[°C]	0 ... 50	
Degree of protection		IP65	
Certification		c UL us - Recognized (OL)	
		–	c CSA us (OL)
Note on materials		RoHS-compliant	
		Contains paint-wetting impairment substances	

Data sheet

Dimensions

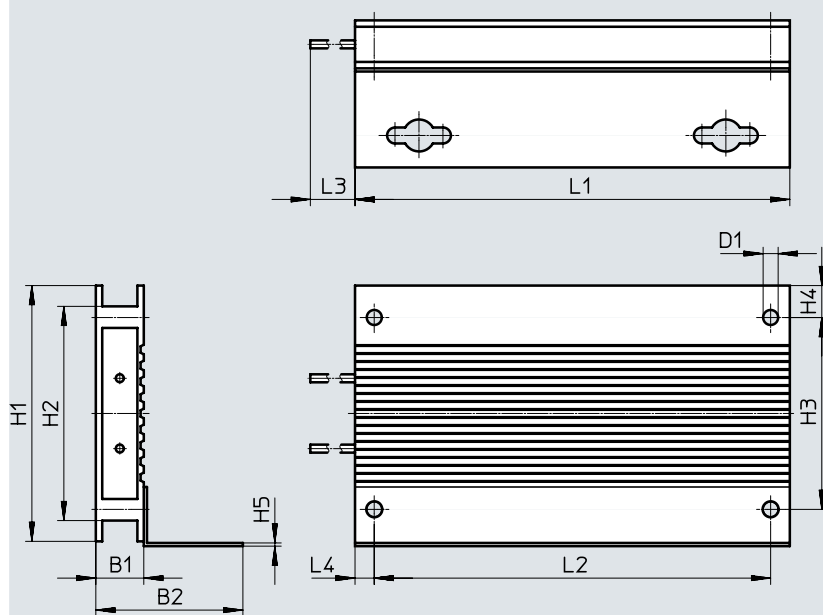
Download CAD data → www.festo.com

CACR-LE2-6-W60



Type	B1	D1	H1	L1	L2
	±1	±0.1	±1		±3
CACR-LE2-6-W60	40	4.3	21	102	81

CACR-LE2-50-W500, CACR-LE2-72-W500, CACR-LE2-100-W500



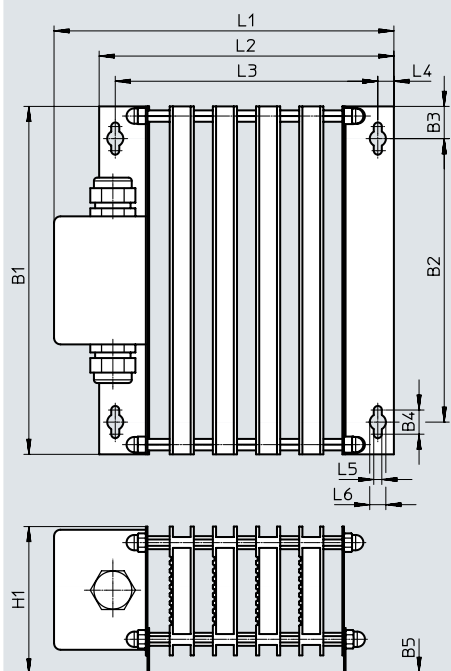
Type	B1	B2	D1 Ø	H1	H2	H3	H4	H5	L1	L2	L3	L4
	±0.5		±0.1		±0.3	±0.2				±0.2	±40	
CACR-LE2-50-W500	15	46	4.7	80	67	60	10	1	216	204	510	6
CACR-LE2-72-W500												
CACR-LE2-100-W500												

Data sheet

Dimensions

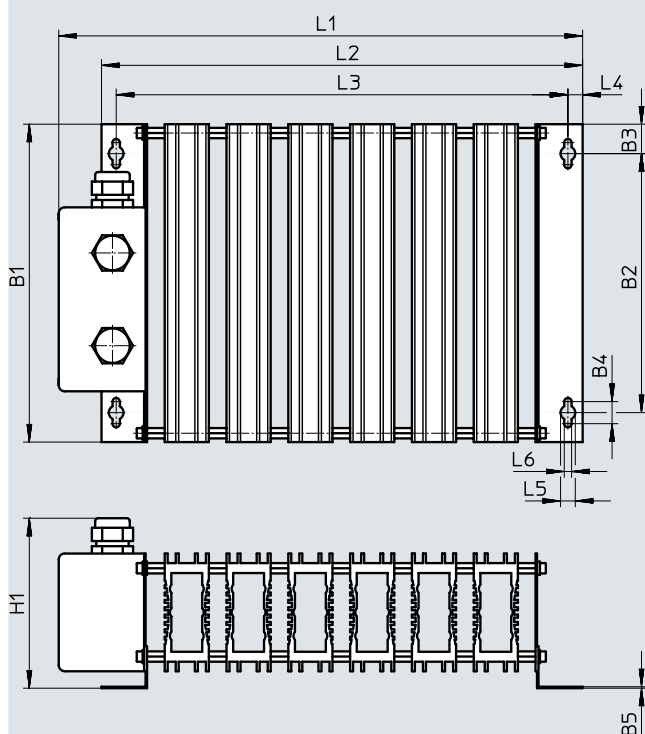
Download CAD data → www.festo.com

CACR-KL2-67-W1800, CACR-KL2-40-W2000



Type	B1	B2	B3	B4	B5	H1	L1	L2	L3	L4	L5	L6
CACR-KL2-67-W1800	216	176	20	15	1	91.5	230	201	181	10	10	5
CACR-KL2-40-W2000	216	176	20	15	1	91.5	211	183	163	10	10	5

CACR-KL2-33-W2400

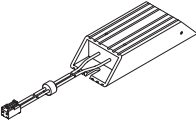
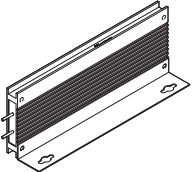
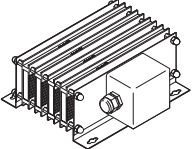


Type	B1	B2	B3	B4	B5	H1	L1	L2	L3	L4	L5	L6
CACR-KL2-33-W2400	216	176	20	15	1	115.5	356	327	307	10	10	5

Data sheet

Allocation of braking resistor to motor controller						
Braking resistor	CACR-					
	LE2-6-W60	LE2-50-W500	LE2-72-W500	KL2-67-W1800	KL2-40-W2000	KL2-33-W2400
Suitable for motor controller						
CMMP-AS-C2-3A-M0	–	■ ¹⁾	■	–	–	–
CMMP-AS-C5-3A-M0	–	■ ¹⁾	■	–	–	–
CMMP-AS-C5-11A-P3-M0	–	–	–	■	■ ¹⁾	–
CMMP-AS-C10-11A-P3-M0	–	–	–	■	■ ¹⁾	–
CMMP-AS-C2-3A-M3	–	■ ¹⁾	■	–	–	–
CMMP-AS-C5-3A-M3	–	■ ¹⁾	■	–	–	–
CMMP-AS-C5-11A-P3-M3	–	–	–	■	■ ¹⁾	–
CMMP-AS-C10-11A-P3-M3	–	–	–	■	■ ¹⁾	–
CMMP-AS-C20-11A-P3	–	–	–	–	–	■
Suitable for integrated drive						
EMCA-EC-67-...	■	–	–	–	–	–

1) Recommended braking resistor

Ordering data				
Type	Resistance value [Ω]	Nominal power [W]	Part no.	Type
CACR-LE2-...				
	6	60	8047913	CACR-LE2-6-W60
	50	200	2882342	CACR-LE2-50-W500
	72	200	1336611	CACR-LE2-72-W500
	100	200	1336615	CACR-LE2-100-W500
CACR-KL2-...				
	67	720	1336617	CACR-KL2-67-W1800
	40	800	2882343	CACR-KL2-40-W2000
	33	1440	1336619	CACR-KL2-33-W2400

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