[Hi]electric low voltage

DD-Frame - Series Circuit Breakers









The DD-Frame is a compact yet very powerful circuit breaker. Using hydraulic-magnetic technology which ensures that breaker performance is unaffected by ambient temperature, the CBI DD-Frame series is suitable for various applications in telecom and datacom equipment. These applications include being the main breaker for battery applications, power supplies, distribution breaker for larger loads in DC branch protection, lighting control, UPS, inverters and DC power switching and in power distribution units (PDU). The DD-Frame is also available as a switch.

Due to its robustness and ability to withstand harsh environmental conditions, the DD-Frame breaker is also used in military applications, railway infrastructure, railway signalling and rolling stock and also in renewable energy solutions for protection in combiner boxes and other battery and storage applications.

DD-Frame profile

The DD-Frame is available in various configurations and can be structured to suit specific requirements. Available in 1 to 6 poles, this robust and versatile circuit breaker comes in both AC and DC configurations with a choice of various time delay characteristics.

Among the common configurations are the front mount standard handle and flush rocker handle options. As for the termination, metric and imperial stud terminals, plug-in (bullet terminal), screw, and clamp terminal configurations are available. The breaker comes with the option of an auxiliary switch and trip alarm. Customer specific configurations, DIN rail mount and various other options are available.

The DD-Frame compact and precision circuit breaker is made of high quality thermoset material, which offers increased electrical and mechanical endurance. The self-cleaning mechanism of the contact actuators ensures that the circuit breaker contacts are kept clean and operate smoothly, offering longer life span.

Approvals

The DD-Frame circuit breaker is CE & CCC compliant and carries various approvals such as VDE, cURus, EAC and CCC. It is also recognised to UL 1077 and UL 508, and listed to UL 489 and UL 489A. Compliant with AS/NZS 60947-2.

LISTED









(GB 14048.2:



(UL 489A)

(UL 489: (UL 1077: CSA C22.2 NO.5) CSA C22.2 NO.235-04)

(CSA C22.2 No. 5-16) (IEC / EN 60947-2;

IEC / EN 60934)

GB 17701) IEC 60934)

(IEC 60947-2: (IEC 60947-2)

Data Sheet

Page 1 of 8

Hydraulic-Magnetic Circuit Breakers are unaffected by ambient temperature and carries 100% rated current

DD-SERIES-DAT REV. K JULY 2024 2407019



Features

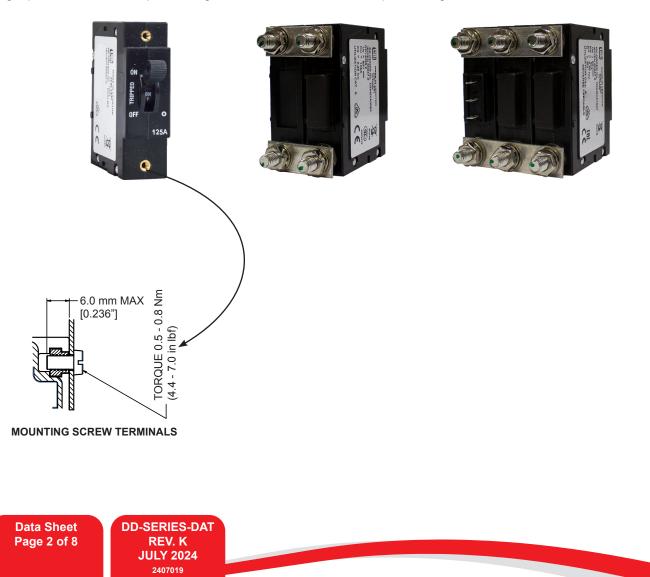
- AC and DC circuit breaker
- Hydraulic-magnetic technology
- 100% rating capability independent of ambient temperature
- Up to six poles
- VDE, EAC and CCC approved, CE certified
- UL compliant (Listed / recognised)
- Ratings 0.1 A to 100 Aac and 400 Adc (Specific certifications)
- Precision tripping characteristics
- Wide range of circuits, mountings, terminations and time delays
- Two colour handle indication (Two tone flush rocker)
- Optional mid-trip indication (Standard handle)
- Optional auxiliary switch and trip alarm
- Optional remote switching (see RAU data sheet)

DD-Frame HCR (High Current Rating)

Applications

- AC and DC branch circuit installations
- Power conditioning
- Telecom DC and Datacom power distribution
- Alternative energy equipment
- UPS equipment
- Lighting control
- Mobile power generation equipment
- Battery protection
- Railway signaling and infrastructure protection

CBI-electric: low voltage offers a higher current rated product, capable of handling current ratings up to 125 A in a single pole, 250 A in a two pole configuration, and 300 A in a three pole configuration at 60 Vdc.



electric low voltage

DD-Frame - Series Circuit Breakers

Technical Data

Product Type	DD-Frame				
Ambient Operating Temperature	-40°C to +85°C				
	10000 operations; 1500 with current, 8500 without current (IEC 60947-2 Clause 7.2.4.2)* 1000 operations DC, 6000 operations AC (IEC 60934 Clause 9.11)*				
Endurance	10000 operations; 6000 with current, 4000 without current (UL 489 Clause 7.1.5)* As per UL 489 or minimum of 1000 operations with current (UL 489 A Clause 12)* 6000 operations with current (UL 1077 Clause 22)*				
Dielectric Strength	1000 - 2000 Vac for one minute (IEC 60947-2 Clause 8.3.3.3, IEC 60934 Clause 9.7)* 1000 Vac plus twice the rated voltage for one minute (UL 489 Clause 7.1.9, UL 489A Clause 8, UL 1077 Clause 23)*				
Rated Impulse Withstand Voltage	4 kV (IEC 60947-2 Clause 8.3.3.2)*				
Weight	102 g per pole, 160 g with auxiliary switch (unpacked)				
Altitude	Certification tests done at altitude ≈ 2000 metres. Will operate at higher altitudes.				
Shock	100 G to MIL-STD-202G, test method 213B, test condition 1				
Vibration	10 G to MIL-STD-202G test method 204D, test condition A				
Flammability	I3 - Ignition does not persist at 850°C after glow wire is withdrawn with an oxygen index of \ge 28				
Toxicity	F1 - Smoke index of \leq 20 which determines the fume class				
Pollution Degree	PD2 - Normally only non-conductive pollution occurs. Temporary conductivity caused by condensation is to be expected.				

* Refer to the standard for details

Product Type	Circuit Breaker	Circuit Breaker	Circuit Breaker	Circuit Breaker
Approvals	IEC / EN 60947-2, GB 14048.2, CE, UKCA	IEC / EN 60947-2, GB 14048.2, CE, UKCA	IEC 60947-2, CE, UKCA	AS/NZS 60947-2, IEC 60947-2, CE, UKCA
Number of Poles	1, 2, 3, 4	2 - 5 (parallel)	1, 2 - 3 (parallel)	1, 2
Maximum Voltages	240 / 415 Vac, 80 Vdc	80 Vdc	60 Vdc	125 Vdc
Current Ratings	0.1 - 60 A(ac) 0.1 - 100 A(dc)	110 A - 400 A	125 A, 250 A, 300 A	0.1 A - 60 A
Ics	5 kA (DC),1.25 kA (AC),	5 kA	2.5 kA	2.5 kA
Icu	3 kA (AC), 5 kA (AC) 10 kA (DC)	10 kA	5 kA	5 kA

Product Type	Circuit Breaker		Circuit Breaker	Circuit Breaker
Approvals	UL 489		UL 489 A, CSA C22.2 No. 5 -16	UL 489A, CSA C22.2 No. 5 -16
Number of Poles	1, 2, 3	1	1, 2 - 3 (parallel)	2 - 5 (parallel)
Maximum Voltages	120 Vac, 120 / 240 Vac, 240 Vac, 80 Vdc	277 Vac	60 Vdc	80 Vdc
Current Ratings	0.1 - 80 A(ac) 0.1 - 100 A(dc)	0.1 - 20 A	125 A, 250 A, 300 A	110 A - 400 A
AIC	AC - 10 kA, DC - 20 kA	10 kA	14 kA	20 kA

Product Type	Circuit Breaker	Circuit Breaker	Switch	Switch
Approvals	IEC / EN 60934, CE, GB 17701, UKCA	UL 1077, cURus UL 508		IEC / EN 60947-3, CE
Number of Poles	1 - 4	1 - 6	1, 2	1, 2
Maximum Voltages	240 Vac / 415 Vac, 80 Vdc	277 Vac / 480 Vac, 80 Vdc	120 Vac / 240 Vac, 80 Vdc	240 Vac
Current Ratings	0.1 A - 100 A (1 p), 0.1 A - 70 A (2 - 3 p)	0.1 A - 100 A (1 p), 0.1 A - 70 A (2 - 4 p)	15 A - 100 A	50 A
Interrupting Capacity	-	2 kA/U2/ U3 (AC) 5 kA/C1 (AC) 5 kAU2/ U3 (DC)	-	-
Rated conditional S/C	3 kA (AC) PC1, 5 kA (DC) PC1	-	-	-
Icm	-	-	-	0.6 kA (for 1 switch)

Verify approvals for specific ratings in accordance with the relevant test certificate

DD-SERIES-DAT REV. K JULY 2024 2407019 Data Sheet Page 3 of 8



Technical Data

	Aux Switch Specification						
Gold DB3	EN 61058 0.1 A @ 250 Vac & 0.1 A @ 80 Vdc and UL 1054 0.1 A @ 125 / 250 Vac & 0.1 A @ 30 Vdc & 0.3 A @ 60 Vdc						
Silver DB2	EN 61058 10 A @ 250 Vac & 0.1 A @ 80 Vdc and UL 1054 10 A @ 125 / 250 Vac						
Silver V4D	EN 61058-1 10 A @ 250 Vac						

Torque Table

Description	Size	Torque Value		
Front Inserts	M3	0.5 - 0.8 Nm		
Front inserts	6 - 32	5 - 7 lbf.in		
	M5	2.0 - 2.8 Nm		
Rear Studs	10 - 32	18 - 24 lbf.in		
Rear Studs	M6	3.5 - 4.0 Nm		
	1/4 - 20	30 - 35 lbf.in		
Clamp Screws (DIN Rail mounting)	M3.5	1.2 - 1.5 Nm		
Flush Rear Screws	M5	1.7 - 2.3 Nm		
Flush Real Screws	10 - 32	15 - 20 lbf.in		

DD-Frame Series Circuit Breakers Ordering Information

Group 1:	Code		Desci	ription		Commer	nts	
Frame	D		DD-F	Frame				
Group 2:	Code		Desci	ription		Commer	nts	-
Туре	2		DD-Frame	e, DD-Type				
Group 3:	Code		Desci	ription		Commer	nts	
Mounting	A	Front Mount, Re	ctangular Ape	rture - Standard Toggle Handle	Max	timum penetration depth into the proc	duct by the me	ounting screw is 6mm
	G		Rail and su	Inface mount		DIN and mini rail and surface mount		
	S	Front Mount, F	Rectangular Ap	erture - Flush Rocker Handle	Max	timum penetration depth into the proc	duct by the me	ounting screw is 6mm
Group 4:	Code		Desci	ription		Commer	nts	
Handle Type or Blank for	2	Sta	andard Toggle	Handle - Mid Trip		Standard Toggle Handle, NC	T Available o	n 60V dc
Reduced Handle	A		Standard To	oggle Handle		Standard Toggle Handle, goes to	Off Position	when tripped
	С		Cut off	Handle		Available on sing	le pole only	
	Н	Flu	ush Rocker Ha	andle (100 A Max)		Use with Group 3, code S. Reduced	d Handle up to	o three pole only
	М	Flush Rocker Handle - Two Tone (100 A Max)				Use with Group 3, code S. Reduced	d Handle up to	o three pole only
	Q			sh to Reset (100 A Max); n to switch OFF.	Use with Group 3, code S. Reduced Handle up to three pole only			
	R			Reset- Two Tone (100 A Max); n to switch OFF.	Use with Group 3, code S. Reduced Handle up to three pole only			
	W			- No Handle	For reduced handle version on Pole(s) without handle			
Group 5:	Code			ription	Comments			
Termination	3X	Plug-in (bullet) terminal (Ø 7.80 mm X 21.5 mm)			100 A max (80 Vdc), 125 A max (60 Vdc) per terminal			
	4X	Flush rear screw terminal, M5 or 10 - 32				50 A max per		
	5X	Double quick connect M3.5 terminal (6.35 mm X 0.8 mm)				50 A max per		
	AX	Stud terminals, M5 or 10 - 32				60 A max per	terminal	
	DX	Quick connect terminals (6.35 mm X 0.8 mm), top & bottom for mounting version G				30 A max. For rail mountin		
	LX	Clamp termi	nal, top & bott	tom for mounting version G	30 A max. For rail mounting G in group 3 only.			
	MX	Stud terminals, M6 or 1/4 - 20				125 A max per	terminal	
Group 6:	Code	Description	Code	Description	Code	Description	Code	Description
Total No. of Poles	1	1 pole metric	4	4 pole metric	A	1 pole imperial	D	4 pole imperial
	2	2 pole metric	5	5 pole metric	В	2 pole imperial	E	5 pole imperial
	3	3 pole metric	6	6 pole metric	С	3 pole imperial	F	6 pole imperial
Group 7: Rated Voltages	Code	Description	۱	Comments	Code	Description		Comments
and Frequency -	Н	125 Vdc		0.1 A - 60 A Max (Single pole only)	N			
Main Circuit	J	120 Vac; 240 Vac; 240 (Apply to listed single po		Refer to certification report for approvals details	R	120 / 240 Vac, 240 Vac, 240 / 4 277 / 480 Vac (Apply to recognised multipole p		Refer to certification report for approvals details
	к	240 Vac; 277 V (Apply to recognised products)	single pole	Refer to certification report for approvals details	s	120 / 240 Vac, 240 Vac or 240 / (Apply to listed multipole pro		Refer to certification report for approvals details
	М	AC & DC Application fo units (80 Vdc, 240 Vac Vac & 277 / 480	, 240 / 415	Refer to certification report for approvals details	V	60 Vdc		No trip alarm, No mid-trip
	W	277 Vac (Applicable to pole product		Refer to certification report for approvals details				

* Note: For UL508 the connection of the DD Frame with screw terminals shall be made with listed (ZMVV/7) wire connectors (eyelet type, not insulated, with maximum width 9,5 mm) and crimped with the appropriate crimp tool.



Hi electric

DD-Frame - Series Circuit Breakers

DD-Frame Series Circuit Breakers Ordering Information

Group 8:	Code	Description	System	Pulse Tolerance (X In)	Code	Description	System	Pulse Tolerance (X In
Time Delay Characteristics	AD	Long delay 50 / 60 Hz AS & Dual rated	AC and DC	8 - 10	СН	Short delay 50 / 60 Hz CS & high inrush	AC	12 - 15
(Pulse Tolerance @ 10 ms)	BD	Medium delay 50 / 60 Hz BS & Dual rated	AC and DC	8 - 10	AS	Long delay 50 / 60 Hz	AC or DC	8 - 10
	CD	Short delay 50 / 60 Hz CS & Dual rated	AC and DC	6 - 8	BS	Medium delay 50 / 60 Hz	AC or DC	8 - 10
	AE	Long delay 50 / 60 Hz AH & inertia delay	AC	28 - 35	CS	Short delay 50 / 60 Hz	AC or DC	6 - 8
	BE	Medium delay 50 / 60 Hz BH & inertia delay	AC	28 - 35	AW	Long delay 50 / 60 Hz AD & inertia delay	AC and DC	16 - 20
	CE	Short delay 50 / 60 Hz		BW	Medium delay 50 / 60 Hz BD & inertia delay	AC and DC	16 - 20	
	AI	Long delay 50 / 60 Hz AS & inertia delay	AC or DC	16 - 20	CW	Short delay 50 / 60 Hz CD & inertia delay	AC and DC	12 - 15
	BI	Medium delay 50 / 60 Hz BS & inertia delay	AC or DC	16 - 20	H3	Short delay	DC	6 - 8
	CI	Short delay 50 / 60 Hz CS & inertia delay	AC or DC	12 - 15	OP	Instantaneous trip 50 / 60 Hz	AC or DC	None
	AH	Long delay 50 / 60 Hz AS & high inrush	AC	16 - 20	ОХ	Switch 50 / 60 Hz	AC and DC	
	вн	Medium delay 50 / 60 Hz BS & high inrush	AC	16 - 20				
Group 9:	Code		Description			Comm	ents	
Main Circuit Current	XXXX	No curren	t, for voltage trip	poles	Refer to r	page 3 for specific amp ratings in	accordance wit	h the relevant approvals
			0.1 A to 400 A			and test r	eports.	
Group 10: Circuit	Code		Description			Comm	ents	
Configuration	AX		Switch					
(Circuit Breaker's	BX	,	Series Trip, Curre			Coloct the time of term	inction on Crow	n 10
Internal Construction)	DX GX	Switch Relay Trip Voltages Snsin Circuit Breaker with Dual Control	-	struction - 3rd Terminal Close	Circui	Select the type of term t breaker to handle main current, Select type of termin	secondary coil	activates remote trip;
	H1	Circuit Breaker with Dual Control		truction - Fly Leads for Relay				
	HX KX	Circuit Breaker with Dual Cor		Construction (4 terminal)		Select the type of term	ination on Grou	p 13
	LA		ker with Mid Trip			Handle goes to Mid-point	when electrically	/ tripped
	LB	Circuit Breaker with				Handle goes to Mid-point		
	LX	Circuit Breaker with	Mid Trip Handle	AND Trip Alarm	Han	dle goes to Mid-point when electr	ically tripped an	id sends Trip Alarm
	MX	Circuit Breaker wi (Reversed	th Trip Alarm, but Function - Latch		ŀ	Handle goes to OFF position whe	n tripped and se	end a Trip Alarm
Group 11:	Code		Description			Comm	ents	
Auxiliary and Alarm Switches Types & Options	А	DB3-Gold Tips, Equally - EN 61058 0.1 A @ 250 Va			AUX SWITCH NOT AVAILABLE ON RAIL MOUNT-NO LINKS			
(Refer to	В	DB2-Silver Tips, Equally - EN 61058 10 A @ 250 V			AUX SWITCH NOT AVAILABLE ON RAIL MOUNT-NO LINKS			
Aux switch specification on	С	V4D - Silver Tips, Offset Term	-	P		AUX SWITCH NOT AVAILABLE	ON RAIL MOU	NT-NO LINKS
page 3)	к	DB2-Silver Tips, Equally - EN 61058 10 A @ 250 Va @ - OPTION K REVERSED Micros	ac & 0.1 A @ 80 \ 125 / 250 Vac)	/dc and UL 1054 10 A	Option K - REVERSED Microswitch - Link from the Load Side of the Circuit Breake to the C (Common) contact of the Aux Switch. Aux Switch terminal NOT cropped.			
		Breaker to the C (Co V4D - Silver Tips, Offset Term						
	L	- OPTION L - Link from the L		Circuit Breaker to the NC	Option L - Link from the Load Side of the Circuit Breaker to the NC (Normally Clos contact of the Aux Switch. Aux Switch terminal NOT cropped.			
	М	Parallel Bridge Housi	ng - For all Parall	el Bridged Poles	Use M for ALL Parallel Bridged Products			
	Ν	DB2-Silver Tips, Equally Spaced @ 250 Vac & 0.1 A @ 80 V - OPTION N - Link from the I (N	dc and UL 1054	10 A @ 125 / 250 Vac)	A Option N - Link from the Load Side of the Circuit Breaker to the NC (Normally Close). Aux Switch terminal NOT cropped.			
	Р	DB2-Silver Tips, Equally Spaced Terminals, 2.75 mm (0.108") - EN61058 10 A @ 250 Vac & 0.1 A @ 80 Vdc and UL 1054 10 A @ 125/ 250 Vac) - OPTION A - REVERSED Microswitch - Link from the Load Side of the CB to the C (common) contact of the Aux Switch. NC Cropped				Option A -REVERSED Microswitch - Link from the Load Side of the Circuit Breat to the C (common) contact of the Aux Switch Aux NC (Normally Closed)		
	R	DB2-Silver Tips, Equally Spaced @ 250 Vac & 0.1 A @ 80 V - OPTION I - Link from the Li (Normally Open) contact of	dc and UL 1054 ⁻ oad Side of the C	10 A @ 125 / 250 Vac) ircuit Breaker to the NO	A Option I - Link from the Load Side of the Circuit Breaker to the NO (Normally O contact of the Aux Switch. Aux NC (Normally Closed) Terminal cropped. Special Microswitch housing			
	V	(Normally Open) contact of the Aux Switch. CUSTOMER SPECIFIC DB2-Silver Tips, Equally Spaced Terminals, 2.75 mm (0.108") -EN 61058 10 A @ 250 Vac & 0.1 A @ 80 Vdc and UL 1054 10 A @ 125 / 250 Vac) - OPTION V - Link from the Load Side of the Circuit Breaker to the NO (marked NC on housing) contact of the Aux Switch. CUSTOMER SPECIFIC				Link from the Load Side of the C of the Aux Switch. Micro switch h NC (Normally Closed) Terminal cr	ousing "NO" po	sition marked as "NC".

DD-SERIES-DAT REV. K JULY 2024 2407019 Data Sheet Page 5 of 8



DD-Frame Series Circuit Breakers Ordering Information

Group 12:	Code	Description	Code	Description	Code	Description	Code	Description	
Voltage and	XX	Not applicable	A3	65 Vac 50 / 60 Hz	B0	12 Vdc	B3	80 Vdc	
Current Ratings for Dual Control, Shunt and Relay	A1	12 Vac 50 / 60 Hz	A4	110 - 125 Vac 50 / 60 Hz	B1	24 Vdc		I pulse duration:	
Trip Construction	A2	24 Vac 50 / 60 Hz	A5	220 - 240 Vac 50 / 60 Hz	B2	48 Vdc	20 ms	to 40 ms	
Group 13:	Code		Description				Comments		
Terminal Options for Dual Control,	Х		Not Applicable						
Shunt and Relay	В	Screw Te	erminals M5 OR	10 - 32	On	y available with Flu	sh Rear Screw Terminal	Group 5, Code D	
Coils	С	Quick Connect	Terminals (0.8 m	m x 6.35 mm)					
	D	Flying L	eads (wire term	inals)					
	E	Stud Te	rminals (M5 / 10	- 32)					
Group 14:	Code		Description		Comments				
	Х		Future use						
Group 15:	Code		Description						
Customer Specific	X		Not applicable						
	S	Custor	Customer Specific Product						
Group 16: Handle Colour	Code		Description				Comments		
Hallule Colour	В		NDLE, WHITE M			Black Colour Not av	vailable on the Two Tone	Flush Rocker	
	G	GREEN HANDLE, WHITE MARI BLACK HANDLE, GF (Used with Code	REEN INDICATO	R AND MARKING					
	R	RED HANDLE, WHITE MARKI BLACK HANDLE, F (Used with Code	RED INDICATOF	AND MARKING			Refer to Group 4		
	W	WHITE HANDLE, BLACK MARH BLACK HANDLE, W (Used with Code	'HITE ÌNDICATO	R AND MARKING	Refer to Group 4				
	Х		Not Applicable		For reduced handle version				
	Y	YELLOW HANDLE, WHITE MAR BLACK HANDLE, YEI (Used with Code	LLOW INDICAT	OR AND MARKING	R Refer to Group 4				
Group 17:	Code		Description		Comments				
Handle Markings	D	I - O / ON - OFF							
	Н	I - O / ON - OFF and AMP RATING				Standard ma	rking for a Flush Rocker	Handle	
	I	ON - I marked on Functional handle, PUSH TO RESET and AMP RATING marked on non-functional handle				Group 3, Code S (Only. Use with Group 4, 0	Code R or Q.	
	J	ON - I marked on functional handle,OFF - O and AMP RATING marked on non-functional handle. Special agreement between manufacture and customer.			Group 3, Code S Only. Use with Group 4, Code R or Q. Special agreement between manufacture and customer.				
	Х		Not Applicable						
Group 18:	Code		Description				Comments		
Mounting Orientation for Marking	1		- normal horizon	tal					
-	V		ormal horizontal						
	2		eft to right - norr	nal horizontal					
	H X	-	eft to right - norr Not Applicable						
Group 19:	Code		Description				Comments		
Front Plate Marking and Test	1	Standard Marking, Star		ndle, with Test Button	Applicable to Standard Handle option fitted with a test button. Only available on a Single Pole				
Button	2	No Marking, I	Rocker Handle,	Test Button	Applic	able to Rocker hand	lle, Use with Group 4, C	odes H, M, Q and R	
	A	Standard Markir	ng on Standard 1	oggle Handle		Applicable	to the Standard Toggle H	andle	
	В	No Marking	g for Pole withou	t Handle			o all the poles without ha ank poles, reduced hand		
Group 20:	Code	Description		Comments	Code		escription	Comments	
Inter-phase Barrier and Terminal Cover	х	Not applicable			A	Inter-ph	ase barrier - small	Inter-phase barriers	
Cover	1	Terminal cover(s)			В	Inter-pha	ase barrier - large	and terminal covers may be required for	
	2	Terminal cover(s)			С		barrier - Z type large	multi-pole products with UL listed and UL recognised approvals	
	3	Inter-phase barrier & terminal co			D	Inter-phase	barrier - Z type small	See DD-Frame Technical Guide.	
	4	Inter-phase barrier & terminal co	ver - Z type						

Data Sheet Page 6 of 8 DD-SERIES-DAT REV. K JULY 2024 2407019

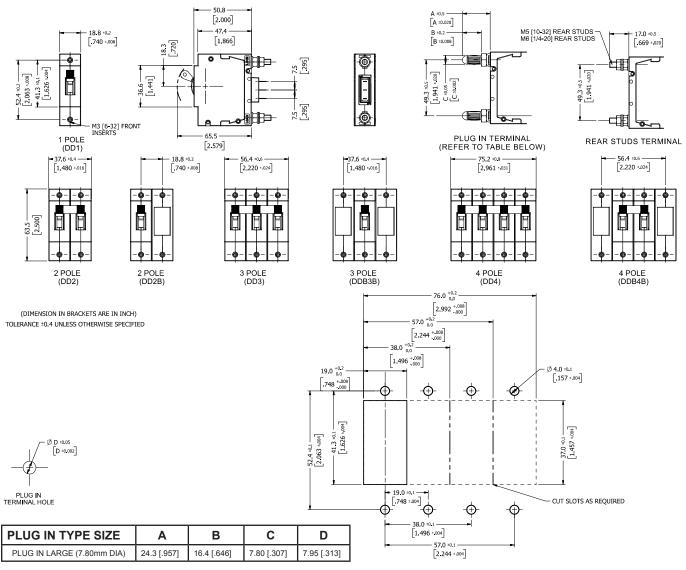
Hi electric

DD-Frame - Series Circuit Breakers

DD-Frame Series Circuit Breakers Ordering Information

Group 21:	Code	Description	Comments
Approvals (Product Normally	1	UL recognised UL 1077, CUR, IEC / EN 60934, CE, UKCA	Normally certified to these specifications
Approved to)	2	UL listed UL 489, CUL, IEC / EN 60947 - 2, CE, UKCA	Normally certified to these specifications
	3	UL listed UL 489A, IEC / EN 60947 - 2, CE, UKCA	Normally certified to these specifications
Group 22:	Code	Description	Comments
Safety Marks	Х	Not applicable	
	С	GB 14048.2 / GB 17701, CCC	

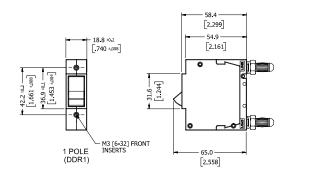
Outline Dimensions: Panel Cutout Standard Handle

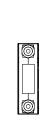


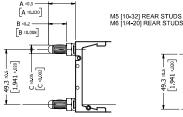
* Other plug-in version available on special request up to 80 A

DD-SERIES-DAT REV. K JULY 2024 ²⁴⁰⁷⁰¹⁹

Outline Dimensions: Panel Cutout Rocker Handle







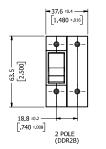
PLUG IN TERMINAL (REFER TO TABLE BELOW)

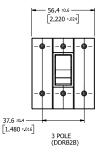


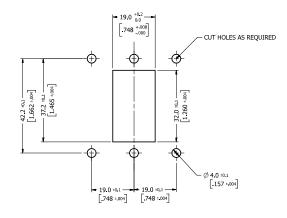
low voltage

(H) electric

REAR STUDS TERMINAL









PLUG IN TERMINAL HOLE

PLUG IN TYPE SIZE	Α	В	С	D
PLUG IN LARGE (7.80mm DIA)	24.3 [.957]	16.4 [.646]	7.80 [.307]	7.95 [.313]

* Other plug-in version available on special request up to 80 A

TOLERANCE ±0.4 UNLESS OTHERWISE SPECIFIED (DIMENSION IN BRACKETS ARE IN INCH)

© CBI (Pty) Ltd. All Rights Reserved.

Please review our Customer Terms and Conditions on www.cbi-lowvoltage.co.za © CBI (Pty) Ltd. All Rights Reserved. All rights reserved. Unless otherwise indicated, all materials on these pages are copyrighted by CBI (Pty) Ltd. No part of these pages, either text or image may be used for any purpose other than personal use. Therefore, reproduction, modification, storage in a retrieval system or retransmission, in any form or by any means, electronic, mechanical or otherwise, for reasons other than personal use, is strictly prohibited without prior written permission. CBI (Pty) Ltd reserves the right to alter any details of this document without notice and while every effort is made to ensure the accuracy of the content, no warranty is given as to the accuracy of this document and no responsibility will be accepted for error or misinterpretation and any resulting loss.

EUROPEAN HEADQUARTER

Emcomp International AB Tomtagatan 17 702 32, Örebro, Sweden Tel: +46 (0)581 62 15 50 Fax: +46 (0)581 62 15 60 Email: info@emcomp.se Website: www.emcomp.se

Data Sheet Page 8 of 8 **DD-SERIES-DAT REV. K** JULY 2024 2407019