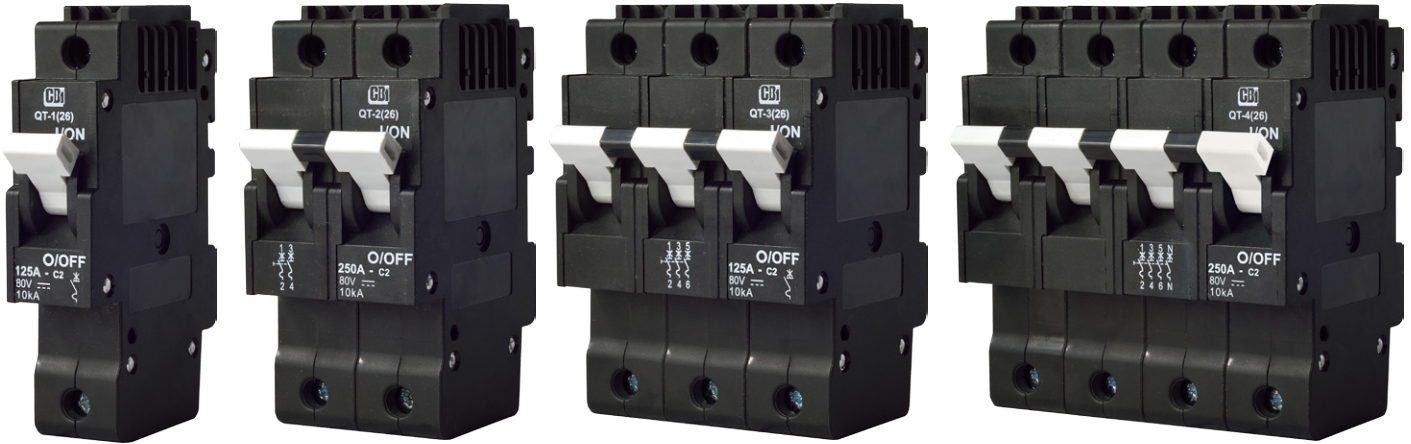


## QT(26) Series Miniature Circuit Breakers



Dual Mount  
1 pole

Dual Mount  
2 pole

Dual Mount  
3 pole

Dual Mount  
4 pole

### Features

- DC circuit breaker
- Hydraulic-magnetic technology
- 100% rating capability, independent of ambient temperature
- One, two, two pole bridged, three pole bridged and four pole bridged (2 + 2 bridged)
- VC 8036 compliant (SANS 556-1) (pending certification)
- VDE approved, CE certified (pending certification)
- UL 489A listed (pending certification)
- IEC 60947-2 approved (pending certification)
- Ratings 70 to 400 A (subject to certification)
- Available in various currents and time delays
- Precision tripping characteristics
- Reset immediately after overload
- Dual mount product in black shells

### Applications

- DC circuit protection (IEC / EN 60947-2)
- Telecom / datacom equipment
- UPS equipment
- Alternative energy equipment
- Mobile power generation equipment
- Railway signalling equipment
- Industrial equipment

### Optional Accessories

- Handle lock
- Surface mounting clips
- Busbar
- Escutcheon blank
- Safety blank

### Approvals

VC 8036



## QT(26) Series Miniature Circuit Breakers

### Technical Data

Product Type	Circuit Breaker				
Approvals	IEC / EN 60947-2, VDE, UL 489A, CE				
Number of Poles	1	2	2 pole bridged	3 pole bridged	4 pole bridged / (2 + 2)
Operating Voltages	80V DC				
Minimum Current Rating	70 A				
Maximum Current Rating	400 A				
Interrupting Capacity	10 kA				

Product Type	QT(26)
Operating Temperature Range	-40 °C to +85 °C
Mounting Options	Dual mounting (DIN & Mini), surface mount
Time Delay Curves	1, 2
Endurance	10000 operations - 1500 electrical at rated current and voltage (IEC 60947-2) 1000 electrical operations (UL 489A)
Dielectric Strength	1480V (single pole) / 1830V (multi pole), 50 Hz for one minute after testing
Weight	200 g per pole (unpacked)
Humidity	35 to 85% relative
Altitude	Certification tests done at altitude ≈ 2000 metres. Will operate at higher altitudes.
Shock	50 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Flammability	I3 - Ignition does not persist at 850 °C after glow wire is withdrawn with an oxygen index of ≥ 28
Toxicity	F1 - Smoke index of ≤ 20 which determines the fume class
Pollution Degree	PD2 - Normally only non-conductive pollution occurs. Temporary conductivity caused by condensation is to be expected.

Breaker QT	Wire Size mm <sup>2</sup> (IEC)	Wire Gauge (UL)	Torque (IEC)	Torque (UL)	Comments
1 Pole to 4 Pole	1 - 50 mm <sup>2</sup>	14 - 1/0 - AWG	4 Nm	35 in-lb	Pozidriv #2 Combi head

## QT(26) Series Miniature Circuit Breakers

### Ordering Information

Example Code: QT----3(26)-DM-2-250A-----Z---80V-10kA

Group	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Requirement	QT Frame	Switch / Neutral	Not applicable	Triple pole	26 mm module width	Dual Mount	Medium delay curve 2	Current Rating 250 A	Future use	Shunt trip	Future use	Bridged unit	Not applicable	80V	10 kA
Long Code	QT	-	-	3	(26)	DM	2	250A	-	-	-	Z	-	80V	10kA

Group	Code	Description	Comments
<b>Group 1: Frame Type</b>	QT	26 mm wide miniature DC circuit breaker	
<b>Group 2: Switch/Neutral</b>	-	Not applicable	Overload poles do not have any further coding
<b>Group 3: Auxiliary</b>	-	Not applicable	
<b>Group 4: No of Poles</b>	1	Single pole	
	2	Double pole	Two pole or two pole bridged
	3	Triple pole	Three pole bridged
	4	Four pole	Four pole bridged or four pole bridged (two + two)
<b>Group 5: Module Width</b>	(26)	26 mm module width	26 mm per pole
<b>Group 6: Mounting</b>	DM	Dual mount – 57 mm escutcheon, black body	Dual mount supplied in black only
<b>Group 7: Time Delays</b>	1	Long time delay, high instantaneous trip	Instantaneous Trip Point (x In) 9 – 15 Comments Orange handle
	2	Medium time delay	7 – 10 White handle
<b>Group 8: Current Ratings</b>	Code / Description		Comments
	70, 80, 90, 100, 125, 250, 300, 400 A		Ratings available vary depending on certification, bridging configuration and voltage. * Other ratings are available as special orders. Check availability.
<b>Group 9:</b>	Code	For future use (-)	
<b>Group 10: Shunt Trip</b>	Code	Description	Comments
	-	Not applicable	
<b>Group 11:</b>	Code	For future use (-)	
<b>Group 12: Special Terminations</b>	Code	Description	Comments
	Z	Bridged unit	Bridge to be fitted by customer. Busbar supplied as a kit.
<b>Group 13: Customer Specific</b>	Code	Description	Comments
	-	Not applicable	
<b>Group 14: Voltage</b>	Code	Description	Comments
	80V	80V DC	
<b>Group 15: kA Rating</b>	Code	Description	Comments
	10kA	10 kA	

**For options not listed, please contact CBI**

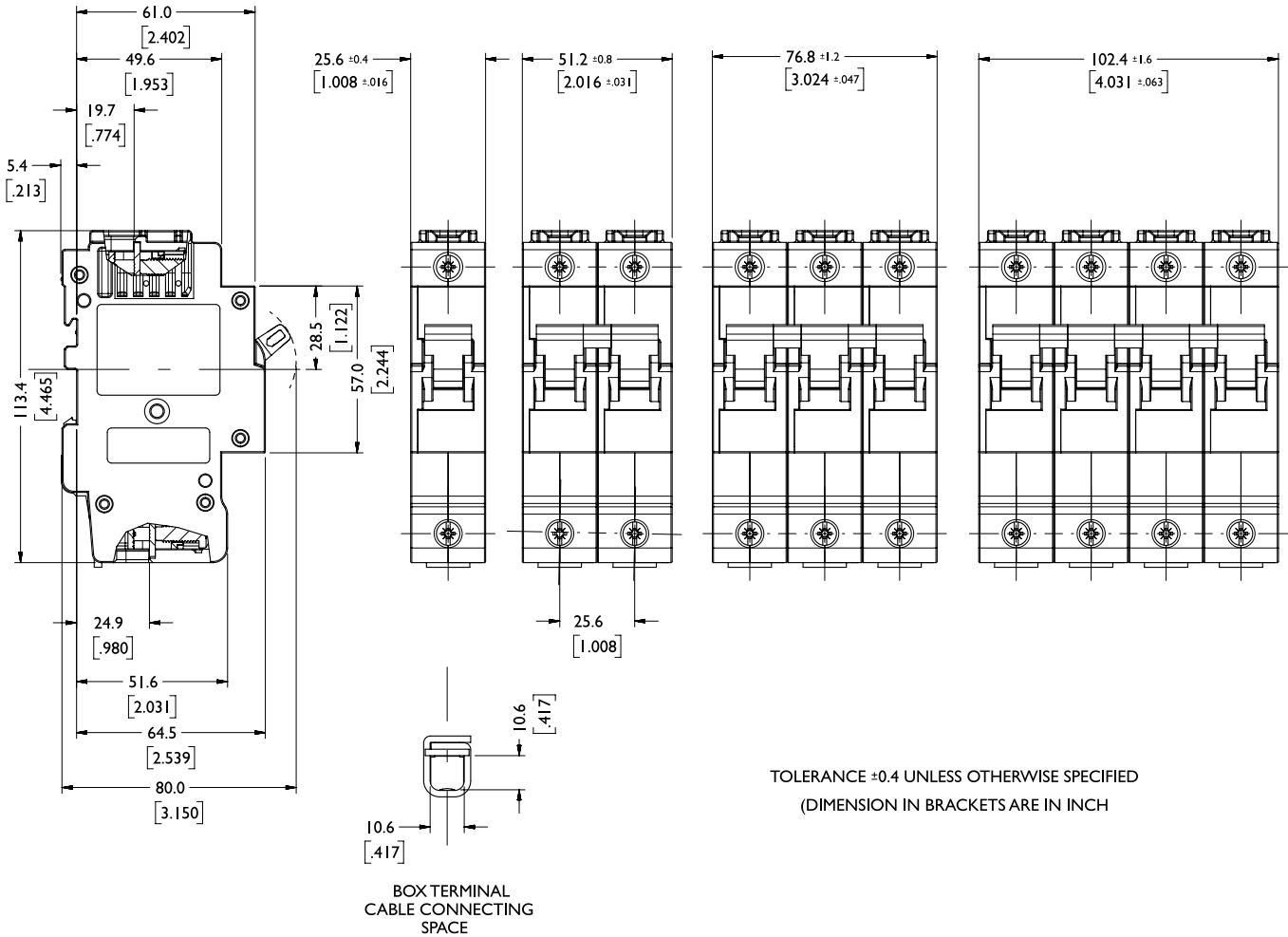
**\* Note:**

Group 12.Z - As a norm CBI will supply the QT circuit breaker only. Should the customer require the busbars, kindly order separately as per below:

Group 12.Z: Busbar Kits	Code	Description
	2121553	Two pole bridge
	2121554	Three pole bridge
	2121555	Four pole bridge

## QT(26) Series Miniature Circuit Breakers

### Dimensional Drawing: QT DIN Mount



Please review our Customer Terms and Conditions on [www.cbi-lowvoltage.co.za](http://www.cbi-lowvoltage.co.za)

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.

© 2016.09 CBI (Pty) Ltd. All Rights Reserved.

#### SCANDINAVIA

##### Emcomp International AB

Box 7, Hemvägen 12  
732 71, Fellingsbro Sweden  
Tel: +46 (0)581 62 15 50  
Fax: +46 (0)581 62 15 60  
Email: [info@emcomp.se](mailto:info@emcomp.se)  
Website: [www.emcomp.se](http://www.emcomp.se)

#### EUROPE

##### Emcomp International AB

Gewerbepark 23  
85250 Altomünster Germany  
Tel: +49 8254 994 334 10  
Fax: +49 8254 994 334 19  
Email: [info@emcomp.se](mailto:info@emcomp.se)  
Website: [www.emcomp.de](http://www.emcomp.de)