

Doepke -- Distribution Equipment *Consumer Units*

18th Ed. Consumer units:

Tested to meet the requirements of 536.4.201 - Icc 16kA / 230v as per BSEN 61439-3 Annex ZB. Refer to the installation instructions.

SPD Selection:

Where SPDs are required please refer to 534.4.8 and the SPD Manufacturer's installation instructions. Installing Type 1 SPDs in a consumer unit is difficult - see cabling requirements covered in 534.4.8 Et 10.

*Note : SPDs are passive devices and do not add to the heat rise in the enclosure i.e. they only take up space that has been assigned / tested with Doepke components in situ. Leave 0.5 module space between the SPD and adjacent components to prevent direct heat.

- ✔ Adaptable and compact for renewable energy installations
- ✔ Heat pump consumer units c/w HP Type B RCCB
- ✔ Versions available including Type A, F and B
- ✔ For other combinations please contact us

We recommend the use of good quality SPD devices e.g. [DEHN](#)
Order Doepke [MCBs](#)/RCBOs separately - Please refer to the web page links:

MCBs 6kA - Rated for conditional short-circuit current <16kA as per CU installation instructions

[RCBOs 10kA](#) - Rated for conditional short -circuit current <16kA as per CU installation instructions

Basic Consumer units ordering reference see below:

Split Load - Dual RCCB Type A & B for Heat Pump Installations - see notes opposite				
Refer to Technical Data for additional information				
Main Sw.	RCCB 1 Type A	RCCB 2 Type B*	Usable Ways	Reference
100A	63A	40A HP	8	DCM 08SL/063/040HP
100A	63A	40A BSK	12	DCM 12SL/063/040BSK

- * Type B HP < 150 kHz detection range suitable for most HPs
- * Type B SK < 150 kHz detection range for large commercial HPs

For further details refer to Technical Publication 32

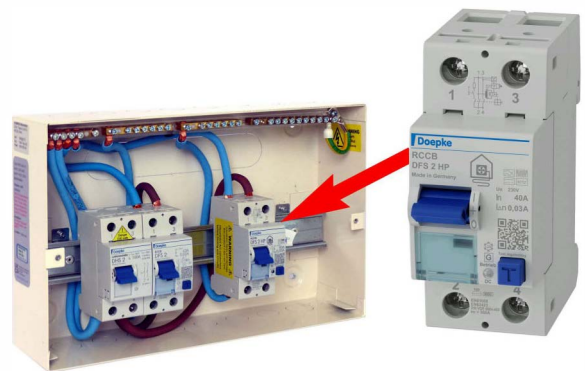
Split Load - Single RCCB 30mA Type B for Heat Pump Installations			
Refer to Technical Data for additional information			
Main Sw.	RCCB 1 Type A	Usable Ways	Reference
100A	40A HP	6	DCM 06SL/040HP
100A	40A BSK	6	DCM 06SL/040BSK

- * Type B HP < 150 kHz detection range suitable for most HPs
- * Type B SK < 150 kHz detection range for large commercial HPs

For further details refer to Technical Publication 32



Product Standard: BSEN61439-3
Independent short circuit tests to Annex ZB



Heat pump consumer unit
with 63A Type A + 40A HP Type B RCCB

Heat Pump Installation - Electrical supply

RCCB 1 (Type A)

Ancillary pumps (single speed)
Other devices associated with the Heat Pump installation

RCCB 2 (Type B)

Main Heat Pump (variable speed inverter supply)

Order MCBs separately - rated for the individual circuits / loads.



Split Load - Dual RCCB Type A

Refer to Technical Data for additional information				
Main Sw.	RCCB 1 Type A	RCCB 2 Type A	Usable Ways	Reference
100A	63A	63A	8	DCM 08SL/063/063
100A	63A	63A	12	DCM 12SL/063/063
100A	63A	63A	18	DCM 18SL/063/063
100A	63A	63A	22	DCM 22SL/063/063

DCM 08 SL to DCM 18 SL are single row enclosures.

DCM 22 has a double row enclosure
1st row 10 usable ways
2nd row 12 usable ways

DCM 08SL/063/063



DCM 22SL/063/063

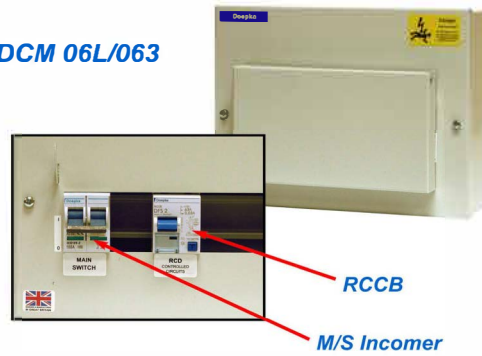
Split Load - Dual RCCB Type A & F

Refer to Technical Data for additional information				
Main Sw.	RCCB 1 Type A	RCCB 2 Type F	Usable Ways	Reference
100A	63A	63A	8	DCM 08SL/063/063-A/F
100A	63A	63A	12	DCM 12SL/063/063-A/F

Split Load - Single RCCB Type A

Refer to Technical Data for additional information			
Main Sw.	RCCB 1 Type A	Usable Ways	Reference
100A	63A 30mA	6	DCM 06SL/063
100A	63A 30mA	10	DCM 10SL/063
100A	63A 30mA	14	DCM 14SL/063

DCM 06L/063



RCCB Type A as main switch

Refer to Technical Data for additional information		
RCCB 1 Type A	Usable Ways	Reference
63A 30mA	4	DCMR 04/063
63A 30mA	8	DCMR 08/063
100A 30mA	4	DCMR 04/100
100A 30mA	8	DCMR 08/100
100A 30mA	12	DCMR 12/100
100A 30mA	16	DCMR 16/100
100A 30mA	22	DCMR 22/100
100A 30mA	26	DCMR 26/100

DCMR 04/063



RCBO board supplied with Main Switch

Refer to Technical Data for additional information		
Main Sw.	Usable Ways	Reference
100A	4	DCM04
100A	8	DCM08
100A	12	DCM12
100A	16	DCM16
100A	22	DCM22
100A	26	DCM26

DCM 08



Have a question? Please contact us today

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Doepke UK Ltd