DURAKOOL®

Industrial Relay Sockets





About Durakool

Durakool is a globally renowned manufacturer of technology supporting switching and sensing solutions. Initially established in 1935 to manufacture switching devices for power generation in industrial & power automation systems, Durakool evolved to provide solutions for power electronics, industrial electronics, automotive and telecommunications applications. Today, the reliability and quality of Durakool products are at the heart of everything we do.

Durakool's engineering team provides partners with technical consultation based upon extensive application knowledge and experience. Through many years of development and innovation, they understand that quality is paramount and pursue a policy of continuous improvement.

Durakool continues to innovate and develop relays and contactors to meet existing and forthcoming requirements within many industries. New products are introduced on a regular basis as we seek to exceed customer expectations. Durakool is using novel techniques to reduce package size whilst meeting increasing demands for higher voltage and higher current switching.

'We believe in developing long term relationships with our customers to provide highest quality products & services, exceeding our partner's needs. We work as a key member of our partners' operations from concept to delivery and beyond.'






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DX15A DPDT (8 Pin)		D10F-2Z-C1, D10F-2Z-C2, D10F-2Z-C3, D10F-2Z-C4, D10F-2Z-C5	5 - 6
DX15A 3PDT (11 Pin)		D10F-3Z-C1, D10F-3Z-C2, D10F-3Z-C3, D10F-3Z-C4	6 - 7
DX2 DPDT		D18F-2Z-A1, D18F-2Z-A2, D18F-2Z-C1, D18F-2Z-C2, D18F-2Z-C3, D18F-2Z-C4, D18F-2Z-C5, D18F-2Z-C6, D18F-2Z-C7, D18F-2Z-C8, D18F-2Z-C9	13 - 15
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DX4 4PDT  **DXN** 4PDT 		D18F-4Z-A, D18F-4Z-A1, D18F-4Z-A2, D18F-4Z-B, D18F-4Z-C1N, D18F-4Z-C2N, D18F-4Z-C3, D18F-4Z-C4, D18F-4Z-C5, D18F-4Z-C6, D18F-4Z-C7, D18F-4Z-C8, D18F-4Z-C9	16 - 18
DM41  **DM87N**  **DX87N** 		D14F-1Z-A1, D14F-1Z-A2, D14F-1Z-C2, D14F-1Z-C3N, D14F-1Z-C4, D14F-1Z-C5	10 - 11
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DY4 		D13F-4Z-C1	9



D10F-2Z-C4

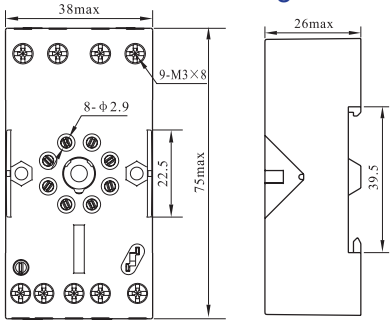
Performance parameters

Rated voltage: 250VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1

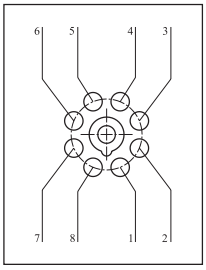
Hold down spring (on request):
Steel wire - various, see Page 25

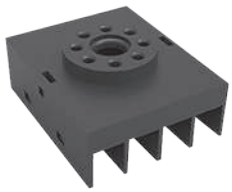
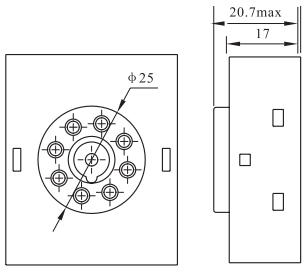
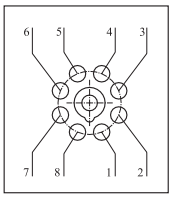
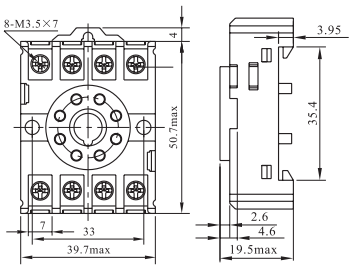
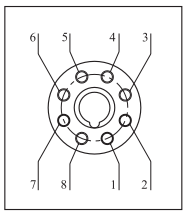
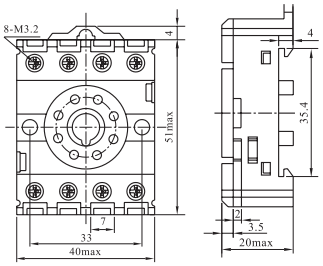
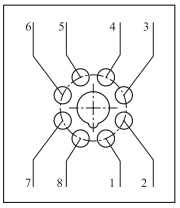
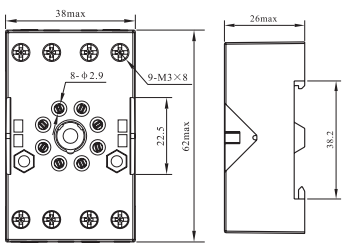
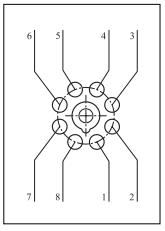
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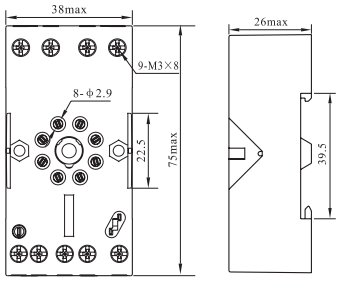
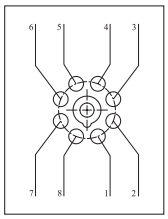
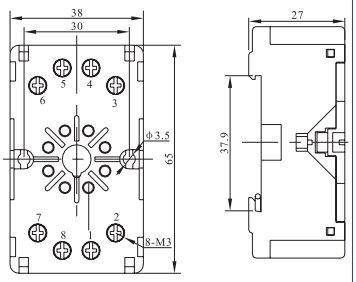
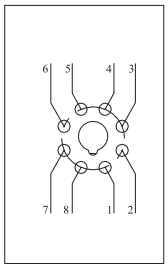
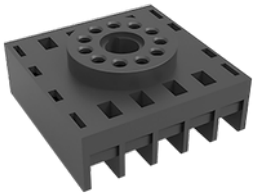
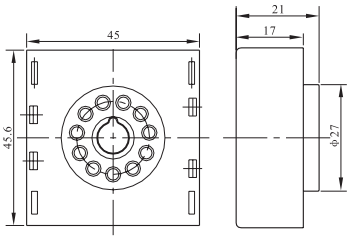
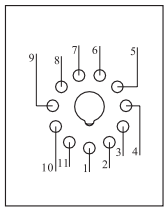
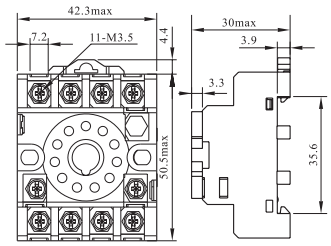
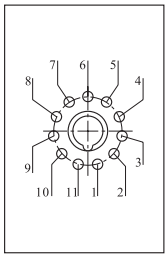
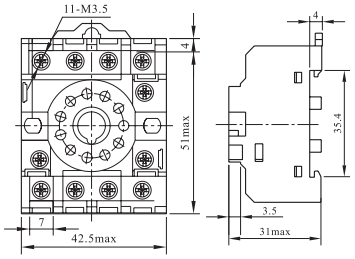
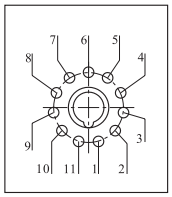
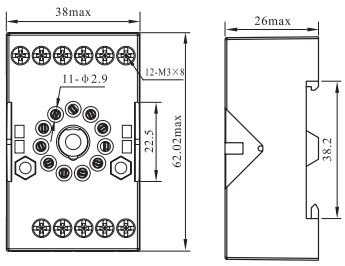
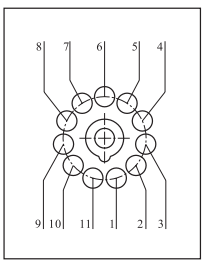
Outline drawing

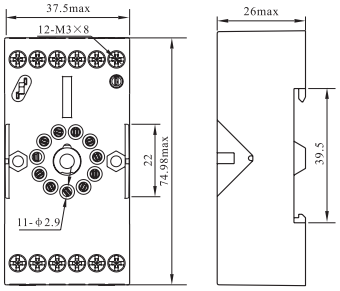
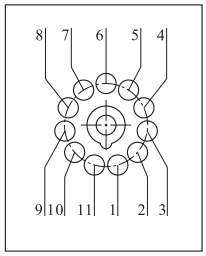
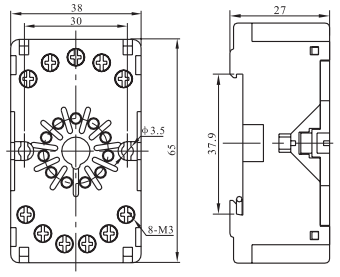
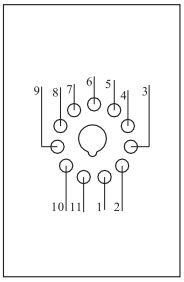


Wiring diagram



	Parameters	Outline Drawing	Wiring Diagram
 **D10F-2Z-A**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1		
 **D10F-2Z-C1**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D10F-2Z-C2**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D10F-2Z-C3**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		

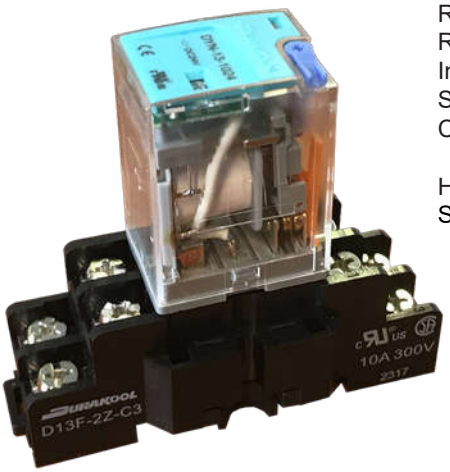
	Parameters	Outline Drawing	Wiring Diagram
 **D10F-2Z-C4** cRUus	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		
 **D10F-2Z-C5** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25		
 **D10F-3Z-A** cRUus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1		
 **D10F-3Z-C1** cRUus	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D10F-3Z-C2** cRUus	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		
 **D10F-3Z-C3** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		

	Parameters	Outline Drawing	Wiring Diagram
 **D10F-3Z-C4** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		
 **D10F-3Z-C5** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		

Performance parameters

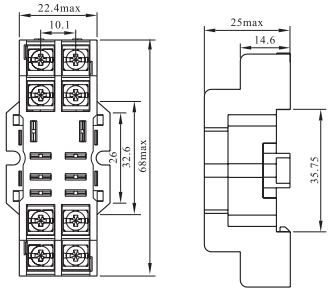
Rated voltage: 250VAC
Rated current: 7A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 25

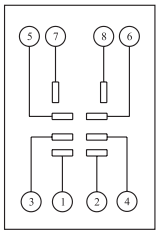


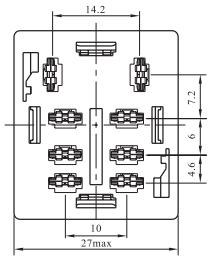
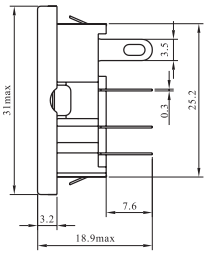
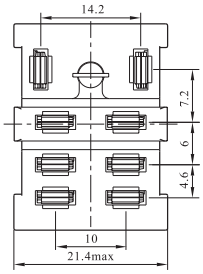
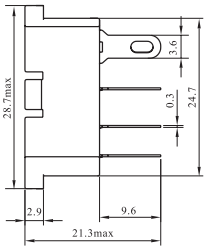
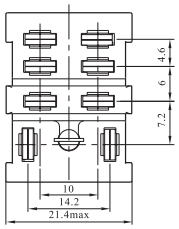
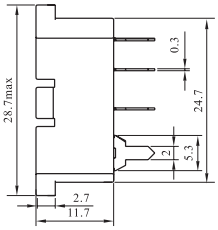
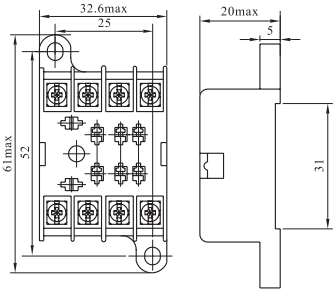
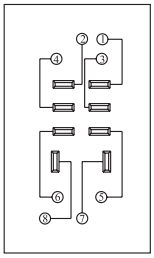
D13F-2Z-C3

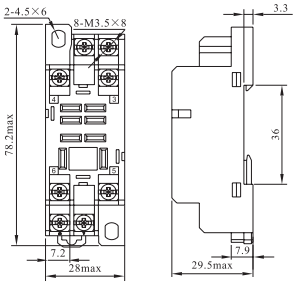
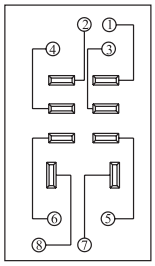
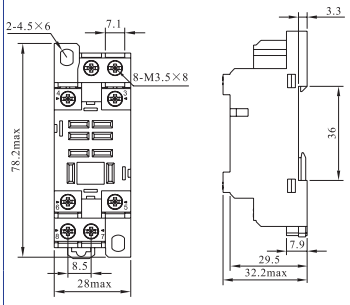
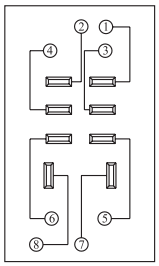
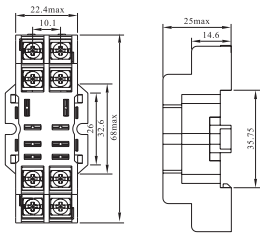
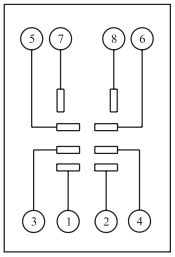
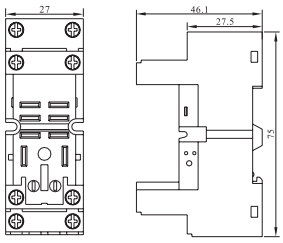
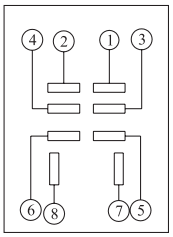
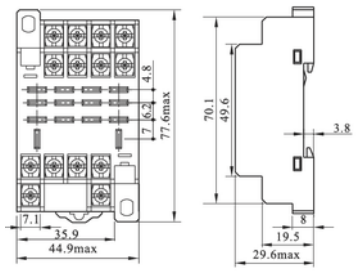
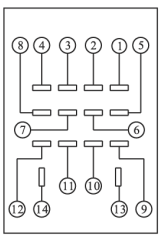
Outline drawing



Wiring diagram



	Parameters	Outline Drawing	Wiring Diagram
 **D13F-2Z-A**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PBT (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D13F-2Z-A1**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PBT (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D13F-2Z-A2**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D13F-2Z-B**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PBT (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		

	Parameters	Outline Drawing	Wiring Diagram
 **D13F-2Z-C1**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		
 **D13F-2Z-C2**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-006RC see Page 24		
 **D13F-2Z-C3**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various depending on relay type - see Page 25		
 **D13F-2Z-C4**	Rated voltage: 250VAC Rated current: 15A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various depending on relay type - see Page 25 Module: see Pages 22-23		
 **D13F-4Z-C1**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-006RC see Page 24		



D14F-2Z-C3-N

Performance parameters

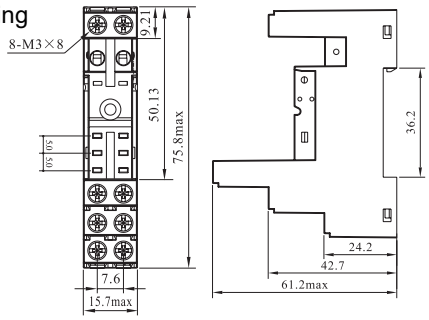
Rated voltage: 300VAC
Rated current: 2 x 8A (UL 2 x 5A)
Insulation voltage: ≥ 3KV
Socket material: PA46-S250F6 (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 24

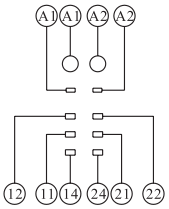
Ejector clip: Various depending on relay type - see Page 24

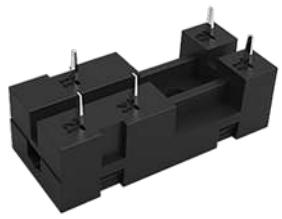
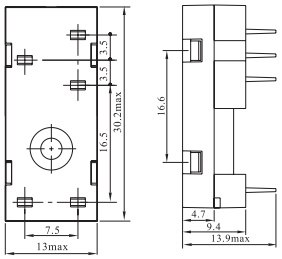
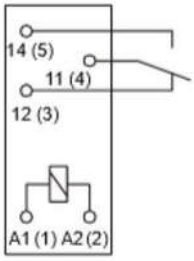
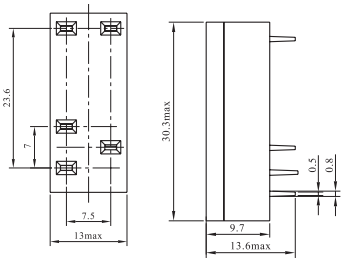
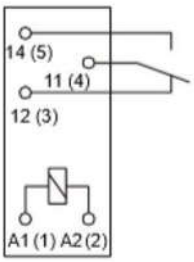
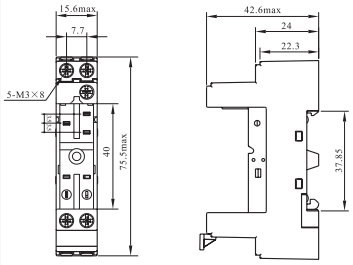
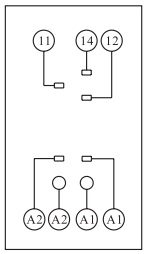
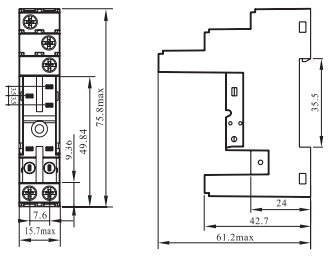
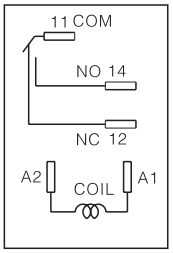
Module: see Pages 22-23

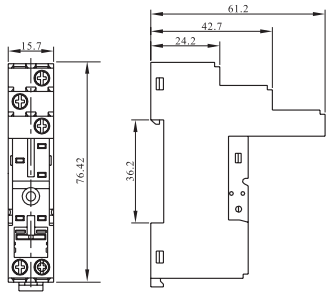
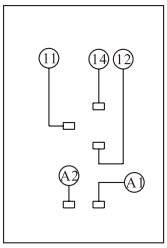
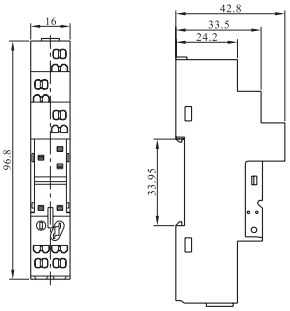
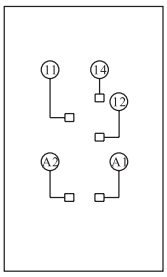
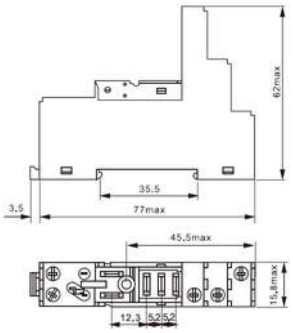
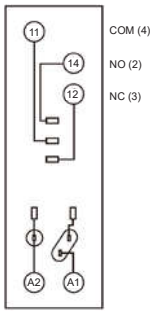
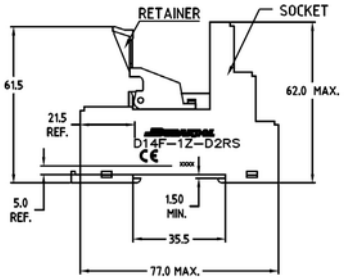
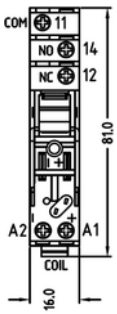
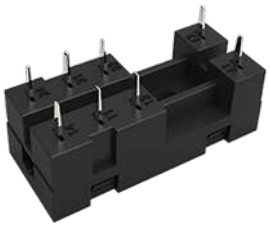
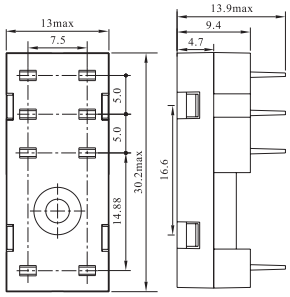
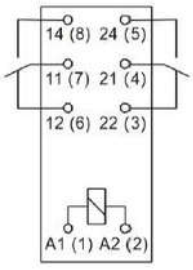
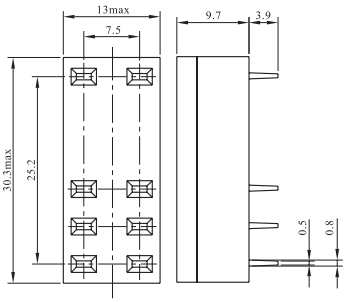
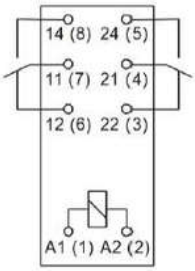
Outline drawing

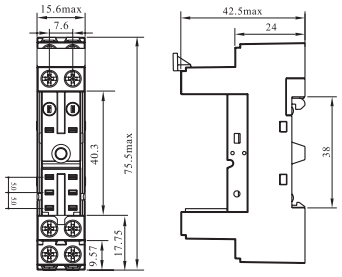
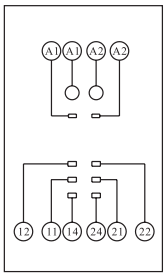
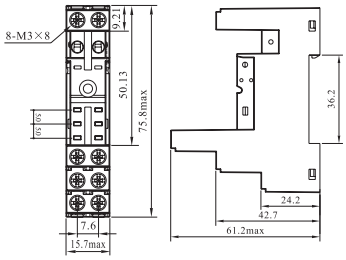
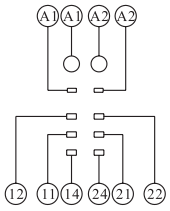
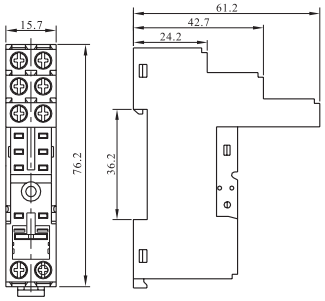
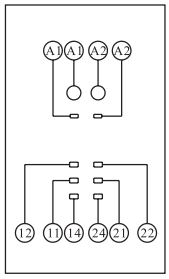
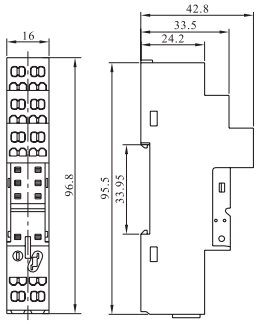
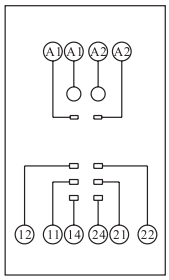
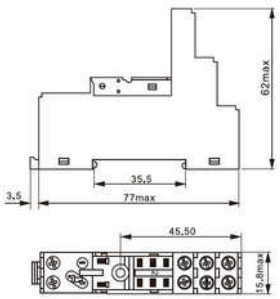
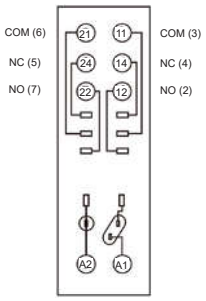
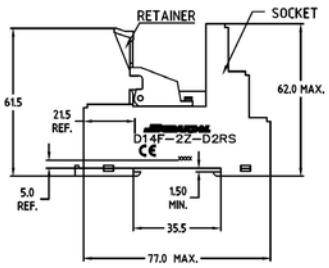
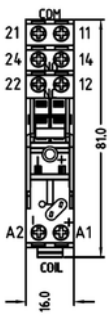


Wiring diagram



	Parameters	Outline Drawing	Wiring Diagram
 **D14F-1Z-A1**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D14F-1Z-A2**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various,see Page 24		
 **D14F-1Z-C2**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: Various, depending on relay type - see Page 24 Module: see Pages 22-23		
 **D14F-1Z-C3-N**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector Clip: various depending on relay type - see Page 24 Module: see Pages 22-23		

	Parameters	Outline Drawing	Wiring Diagram
 **D14F-1Z-C4** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: various depending on relay type - see Page 24 Module: see Page 21		
 **D14F-1Z-C5** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various,see Page 24 Ejector clip: various depending upon relay type -see Page 24 Module: see Pages 22-23		
 **D14F-1Z-157** cULus	Rated voltage: 300VAC Rated current: 12A Insulation voltage: 2500 Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Ejector clip: Included		
 **D14F-1Z-D2RS**	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: various depending upon relay type -see Page 24 Module: see Pages 22-23		
 **D14F-2Z-A1** cULus	Rated voltage: 300VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D14F-2Z-A2** cULus	Rated voltage: 300VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		

	Parameters	Outline Drawing	Wiring Diagram
 **D14F-2Z-C2** cRUus	Rated voltage: 300VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: various depending on relay type - see Page 24 Module: see Pages 22-23		
 **D14F-2Z-C3-N** cRUus	Rated voltage: 300VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: Various depending on relay type - see Page 24 Module: see Pages 22-23		
 **D14F-2Z-C4** cRUus	Rated voltage: 300VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: various depending upon relay type - see Page 24 Module: see Page 21		
 **D14F-2Z-C5** cRUus	Rated voltage: 300VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: various depending upon relay type - see Page 24 Module: see Pages 22-23		
 **D14F-2Z-157** cRUus	Rated voltage: 300VAC Rated current: 12A Insulation voltage: 2500 Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Ejector clip: Included		
 **D14F-2Z-D2RS**	Rated voltage: 250VAC Rated current: 2 x 8A (UL 2 x 5A) Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Ejector clip: various depending upon relay type - see Page 24 Module: see Pages 22-23		

Not for new designs
Use D14F-2Z-157

Performance parameters

Rated voltage: 300VAC
Rated current: 10A
Insulation voltage: ≥ 3KV
Socket material: PA66+GF (V1/V0)
Contacts spring material: QSn6.5-0.1

Hold down spring (on request):
Steel wire - various, see Page 25

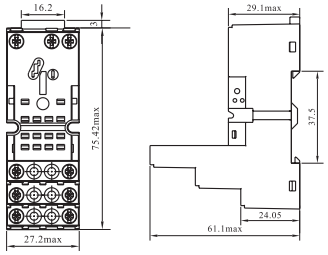
Ejector clip: Various, depending on relay type - see Page 25

Module: see Pages 22-23

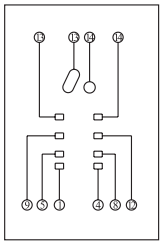


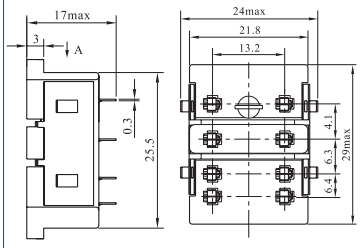
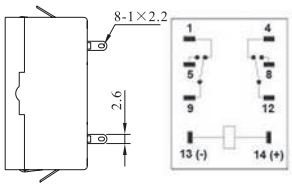
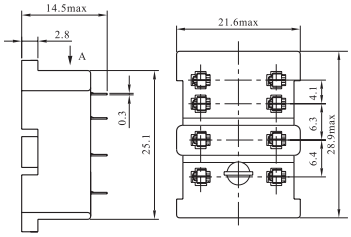
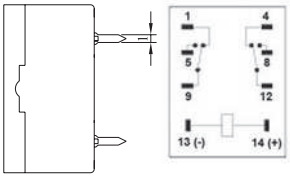
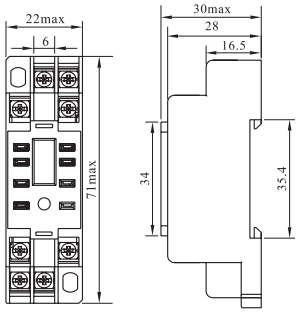
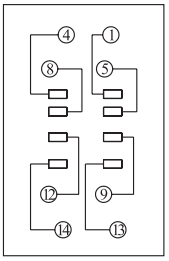
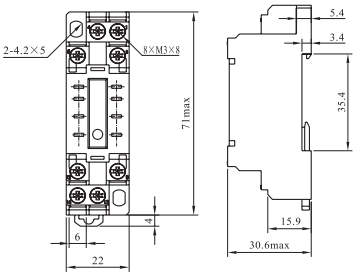
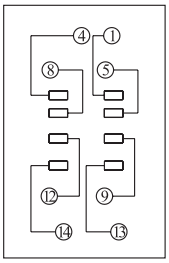
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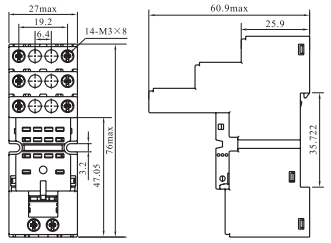
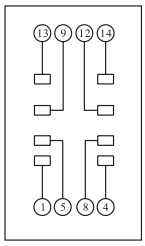
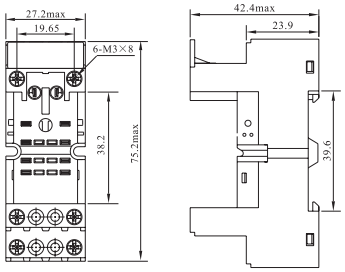
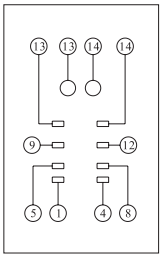
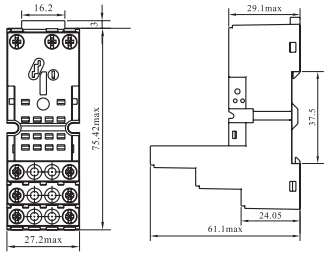
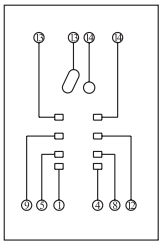
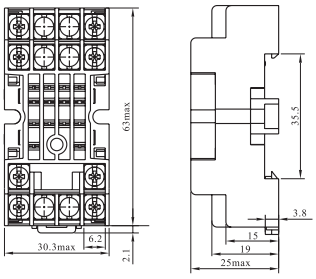
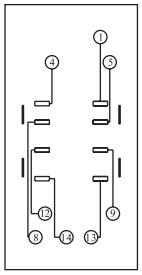
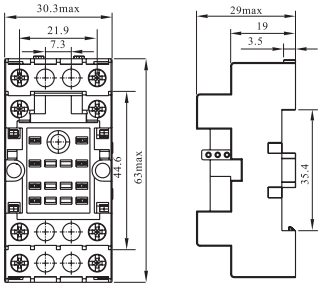
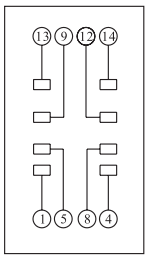
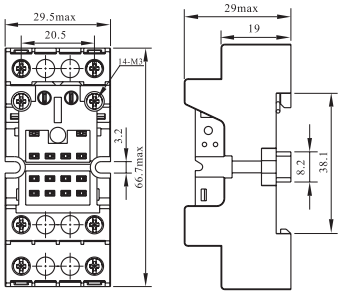
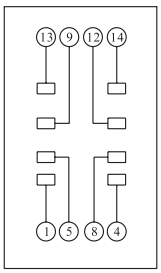
Outline drawing

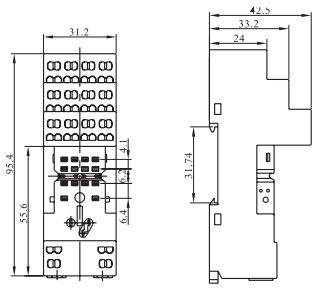
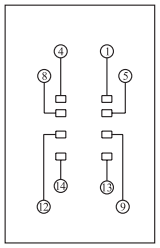
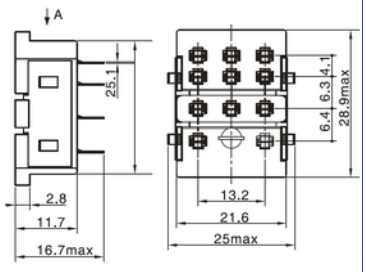
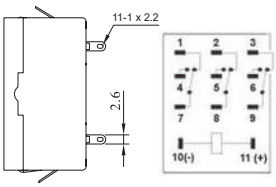
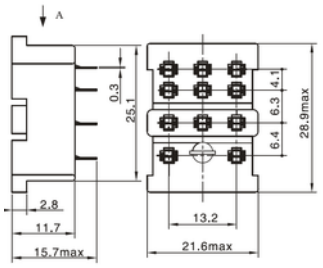
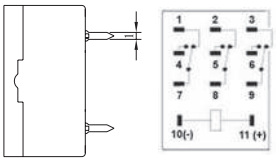
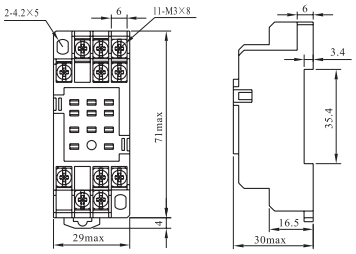
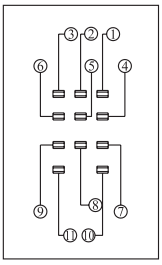
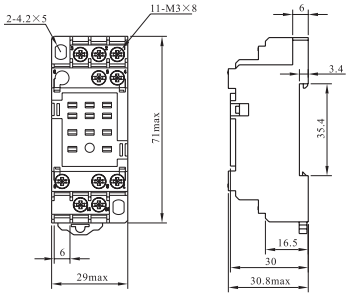
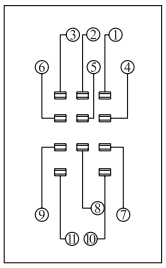
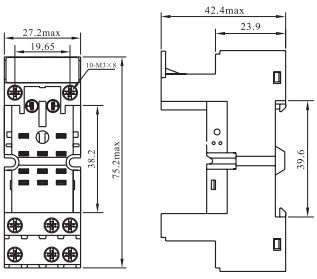
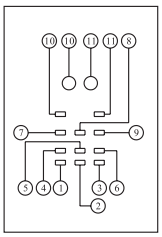


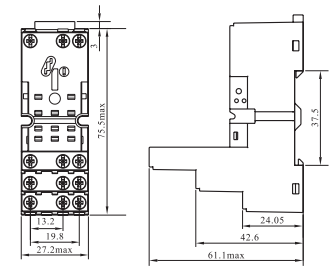
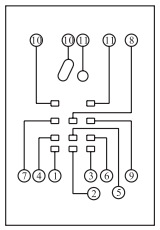
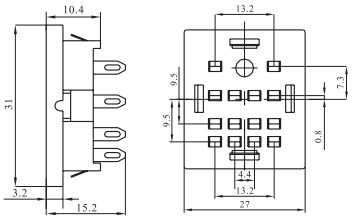
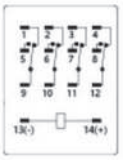
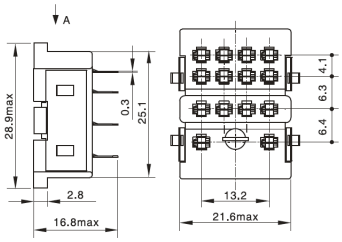
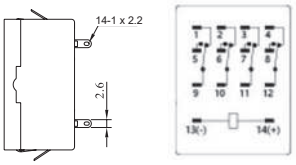
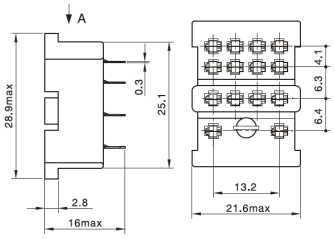
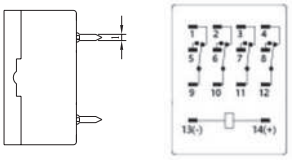
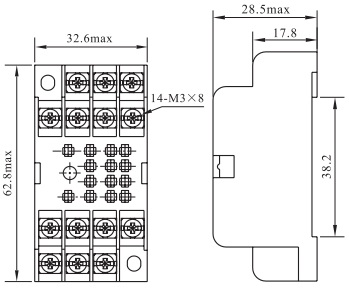
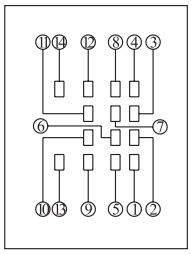
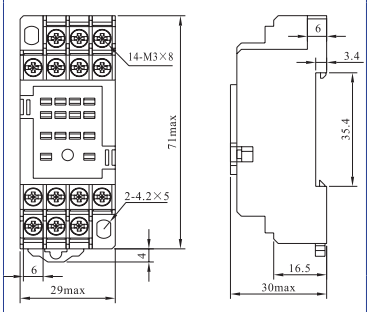
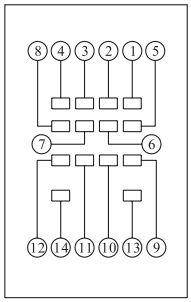
Wiring diagram

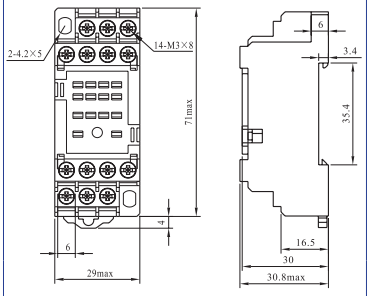
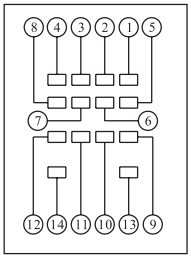
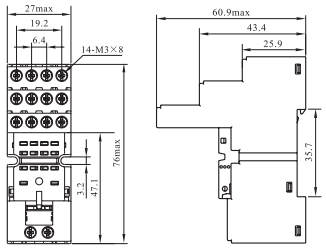
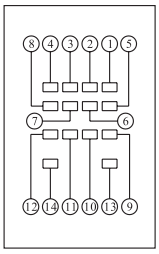
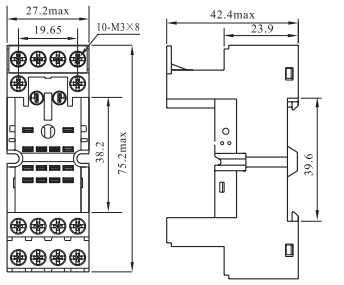
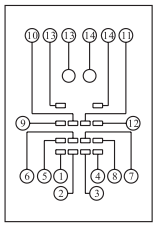
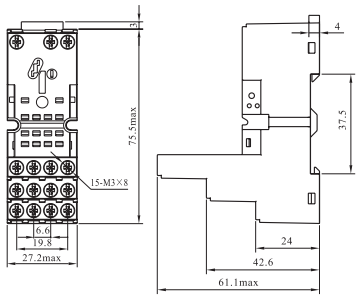
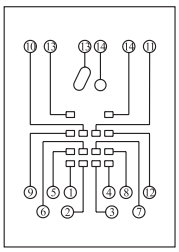
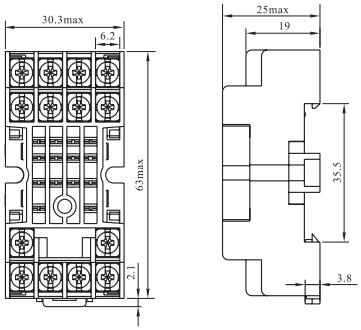
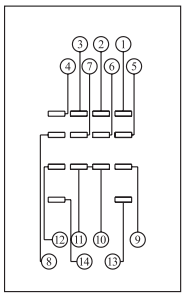
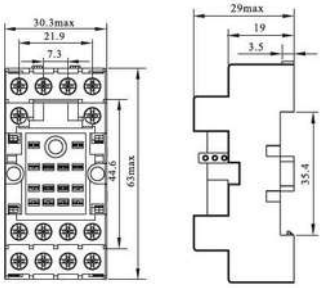
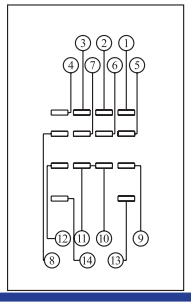


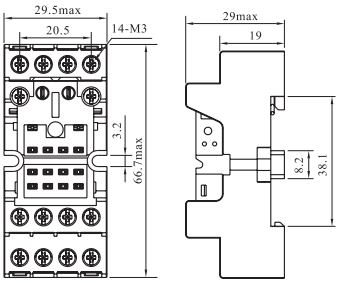
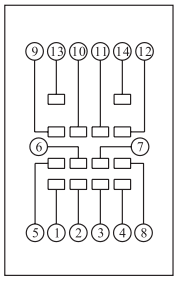
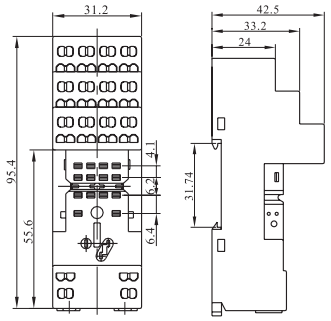
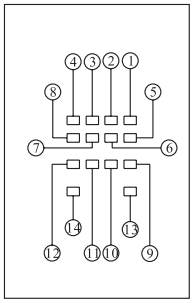
	Parameters	Outline Drawing	Wiring Diagram
 **D18F-2Z-A1** cRUus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PBT (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-2Z-A2** cRUus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-2Z-C1** cRUus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		
 **D18F-2Z-C2** cRUus	Rated voltage: 250VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		

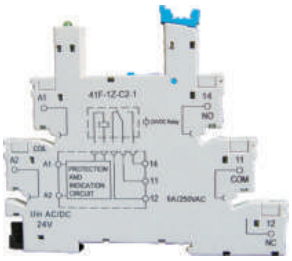
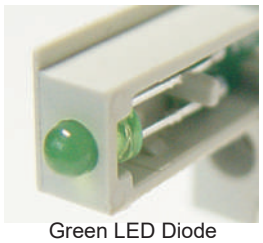
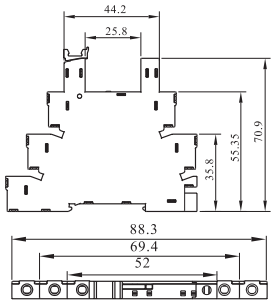
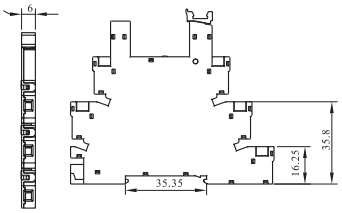
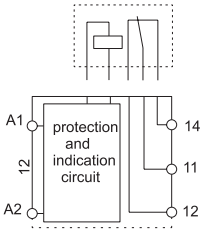
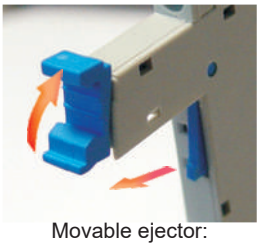
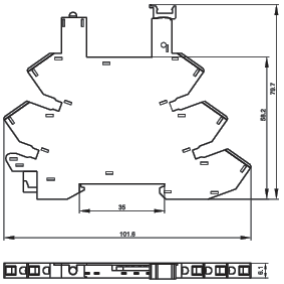
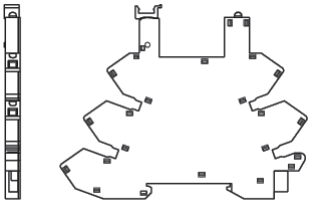
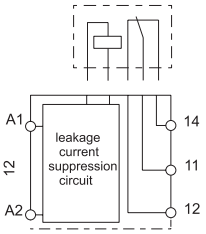
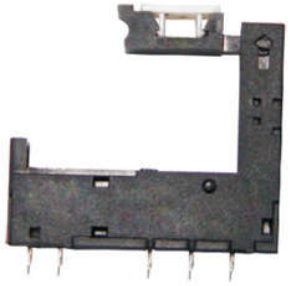
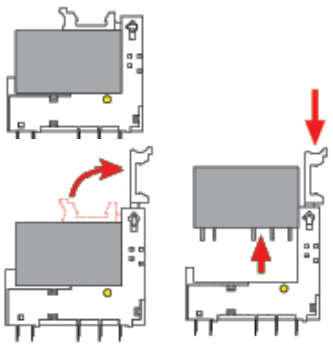
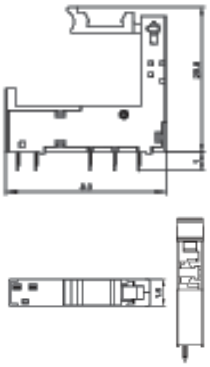
	Parameters	Outline Drawing	Wiring Diagram
 **D18F-2Z-C3** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Page 21		
 **D18F-2Z-C4** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various depending on relay type - see Page 25 Module: see Pages 22-23		
 **D18F-2Z-C5** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		
 **D18F-2Z-C6** cRUus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		
 **D18F-2Z-C7** cRUus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Module: No		
 **D18F-2Z-C8** cRUus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		

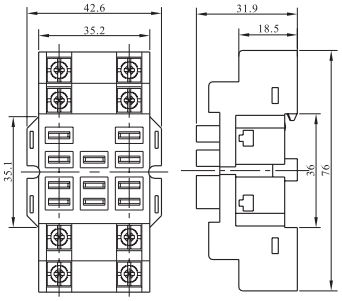
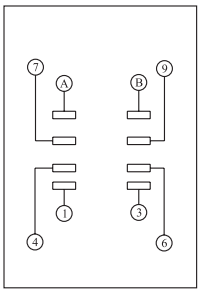
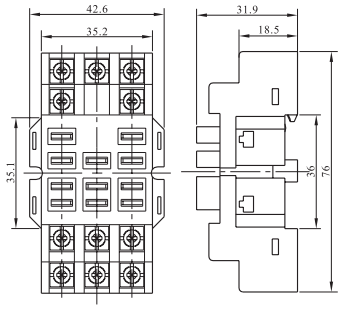
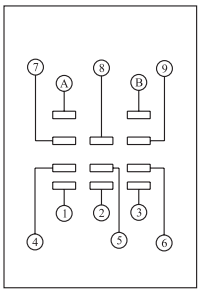
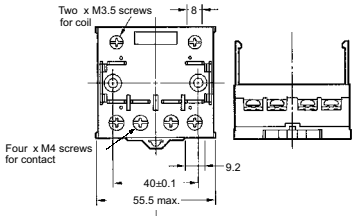
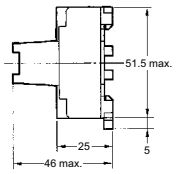
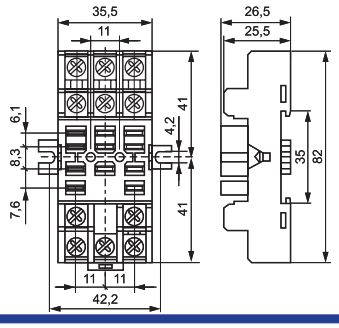
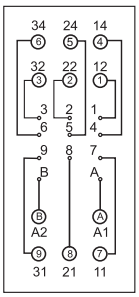
	Parameters	Outline Drawing	Wiring Diagram
 **D18F-2Z-C9** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Page 22-23		
 **D18F-3Z-A1** cRUus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PBT (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-3Z-A2** cRUus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-3Z-C1** cRUus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-3Z-C2** cRUus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		
 **D18F-3Z-C4** cRUus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22 - 23		

	Parameters	Outline Drawing	Wiring Diagram
 **D18F-3Z-C5**	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		
 **D18F-4Z-A**	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-4Z-A1**	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PBT (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-4Z-A2**	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24		
 **D18F-4Z-B**	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, , see Page 24 Ejector clip: Various, depending on relay type -, see Page 24 Module: No		
 **D18F-4Z-C1-N**	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-006RC. , see Page 24 Module: No		

	Parameters	Outline Drawing	Wiring Diagram
 **D18F-4Z-C2-N** cULus	Rated voltage: 250VAC Rated current: 7A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 24 Module: No		
 **D18F-4Z-C3** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Page 21		
 **D18F-4Z-C4** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		
 **D18F-4Z-C5** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA46-S250F6 (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		
 **D18F-4Z-C6** cULus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-505RC. see Page 25 Module: No		
 **D18F-4Z-C7** cULus	Rated voltage: 250VAC Rated current: 5A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-505RC. see Page 25 Module: No		

	Parameters	Outline Drawing	Wiring Diagram
 **D18F-4Z-C8** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		
 **D18F-4Z-C9** cULus	Rated voltage: 300VAC Rated current: 10A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - various, see Page 25 Ejector clip: Various, depending on relay type - see Page 25 Module: see Pages 22-23		

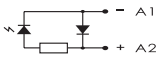
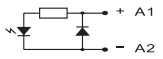
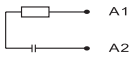
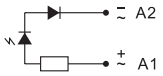
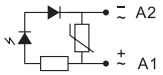
	Parameters	Outline Drawing	Wiring Diagram
  Green LED Diode indicates operate status of relay **D41F-1Z-C2 - ***	**Screw Terminal Socket** Rated voltage: 250V Rated current: 6A Insulation voltage: ≥ 6KV (1.2/50uS) between coil & contacts Socket material: PA6-301-G10A Contacts spring material: QSn6.5-0.1 (CuSn6) Protection category: IP20 Ambient temperature: -40 to +70˚C (Un ≤60V), -40 to +55˚C (Un ≥60V) Screw torque: 0.5Nm Wire strip length:10mm Max. solid wire size: 1 x 2.5 / 2 x 1.5mm² 1 x 14 / 2 x 16 AWG Max. stranded wire size: 1 x 2.5 mm² 1 x 14 AWG	 	 * Supply voltage order code: 24 VAC/VDC - 1 48 VAC/VDC - 3 220-240 VAC/VDC - 4 6-24 VDC - 5
  Movable ejector: Easy replacement of relay **D41F-1Z-C4 - ***	**Screwless Terminal Socket** Rated voltage: 250V Rated current: 6A Insulation voltage: ≥ 6KV (1.2/50uS) between coil & contacts Socket material: PA6-301-G10A Contacts spring material: QSn6.5-0.1 (CuSn6) Protection category: IP20 Ambient temperature: -40 to +70˚C (Un ≤60V), -40 to +55˚C (Un ≥60V) Screw torque: 0.5Nm Wire strip length:10mm Max. solid wire size: 1 x 2.5 / 2 x 1.5mm² 1 x 14 / 2 x 16 AWG	 	 * Supply voltage order code: 24 VAC/VDC - 1 48 VAC/VDC - 3 220-240 VAC/VDC - 4 6-24 VDC - 5
 **D41F-Z-A**	PCB Socket with retaining & ejector clip Rated voltage: 250V Rated current: 6A Insulation voltage: ≥ 6KV (1.2/50uS) between coil & contacts Socket material: PA6-301-G10A Contacts spring material: QSn6.5-0.1 (CuSn6) Protection category: IP20 Ambient temperature: -40 to +70˚C	Retaining & release clip use: 	

	Parameters	Outline Drawing	Wiring Diagram
 **D166F-2Z-C1** cULus	Rated voltage: 300VAC Rated current: 20A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-004RC, see Page 24 Module: No		
 **D166F-3Z-C1** cULus	Rated voltage: 300VAC Rated current: 20A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): JH-004RC, see Page 24 Module: No		
 **DLR7LF-06**	Rated voltage: 250V Rated current: 30A Insulation voltage: 2kV & 4kV Socket material: PA66 Contacts spring material: QSn6.5-0.1 Finger protection cover (fitted as standard): DLRLF-C Module: No		
 **DUC11** cULus	Rated voltage: 250V Rated current: 16A Insulation voltage: ≥ 3KV Socket material: PA66+GF (V1/V0) Contacts spring material: QSn6.5-0.1 Hold down spring (on request): Steel wire - DMBA, see Page 24 Module: No		

Modules for Durakool Sockets - PCB Blade Plug-in



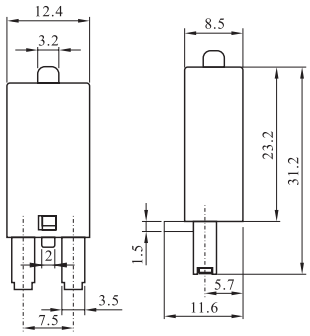


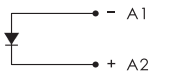
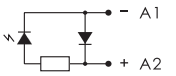
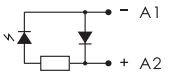
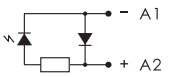
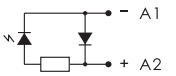
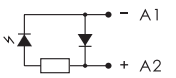
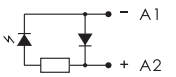
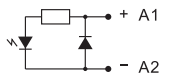
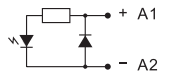
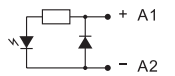
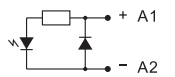
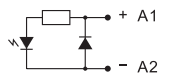
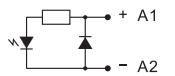
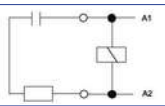
Part No	Socket Types	Circuit	Description
DM21P-A	D14F Series -C4, D18F Series -C3		Diode A1-
DM21N-A	D14F Series -C4, D18F Series -C3		Diode A1+
DM31R-A	D14F Series -C4, D18F Series -C3		Red LED with diode, 6 - 24VDC, A1-
DM31G-A	D14F Series -C4, D18F Series -C3		Green LED with diode, 6 - 24VDC, A1-
DM32R-A	D14F Series -C4, D18F Series -C3		Red LED with diode, 24 - 60VDC, A1-
DM32G-A	D14F Series -C4, D18F Series -C3		Green LED with diode, 24 - 60VDC, A1-
DM33R-A	D14F Series -C4, D18F Series -C3		Red LED with diode, 110 - 230VDC, A1-
DM33G-A	D14F Series -C4, D18F Series -C3		Green LED with diode, 110 - 230VDC, A1-
DM41R-A	D14F Series -C4, D18F Series -C3		Red LED with diode, 6 - 24VDC, A1+
DM41G-A	D14F Series -C4, D18F Series -C3		Green LED with diode, 6 - 24VDC, A1+
DM42R-A	D14F Series -C4, D18F Series -C3		Red LED with diode, 24 - 60VDC, A1+
DM42G-A	D14F Series -C4, D18F Series -C3		Green LED with diode, 24 - 60VDC, A1+
DM43R-A	D14F Series -C4, D18F Series -C3		Red LED with diode, 110 - 230VDC, A1+
DM43G-A	D14F Series -C4, D18F Series -C3		Green LED with diode, 110 - 230VDC, A1+
DM51-A	D14F Series -C4, D18F Series -C3		RC Network, 6 to 24V
DM52-A	D14F Series -C4, D18F Series -C3		RC Network, 24V to 60V
DM53-A	D14F Series -C4, D18F Series -C3		RC Network, 110 to 230V
DM61R-A	D14F Series -C4, D18F Series -C3		Red LED, 6 - 24VAC/DC
DM61G-A	D14F Series -C4, D18F Series -C3		Green LED, 6 - 24VAC/DC
DM62R-A	D14F Series -C4, D18F Series -C3		Red LED, 24 - 60VAC/DC
DM62G-A	D14F Series -C4, D18F Series -C3		Green LED, 24 - 60VAC/DC
DM63R-A	D14F Series -C4, D18F Series -C3		Red LED, 110 - 230VAC/DC
DM63G-A	D14F Series -C4, D18F Series -C3		Green LED, 110 - 230VAC/DC
DM71-A	D14F Series -C4, D18F Series -C3		Varistor 24VAC
DM72-A	D14F Series -C4, D18F Series -C3		Varistor 115VAC
DM73-A	D14F Series -C4, D18F Series -C3		Varistor 230VAC
DM91R-A	D14F Series -C4, D18F Series -C3		Red LED with varistor, 6 - 24VAC/DC
DM91G-A	D14F Series -C4, D18F Series -C3		Green LED with varistor, 6 - 24VAC/DC
DM92R-A	D14F Series -C4, D18F Series -C3		Red LED with varistor, 24 - 60VAC/DC
DM92G-A	D14F Series -C4, D18F Series -C3		Green LED with varistor, 24 - 60VAC/DC
DM93R-A	D14F Series -C4, D18F Series -C3		Red LED with varistor, 110 - 230VAC/DC
DM93G-A	D14F Series -C4, D18F Series -C3		Green LED with varistor, 110 - 230VAC/DC
DM103-A	D14F Series -C4, D18F Series -C3		Resistor 110 - 230VAC

Modules for Durakool Sockets - Round Pin Plug-in

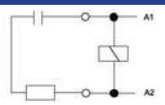
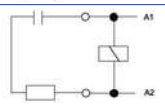
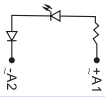
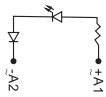
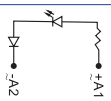
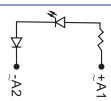
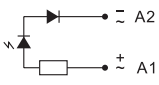
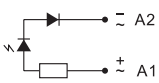
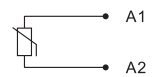
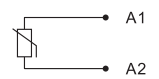
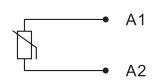
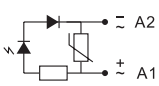
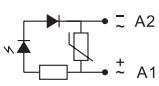
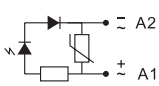
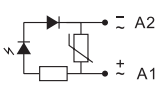
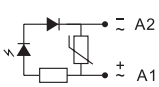
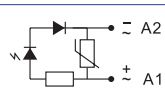
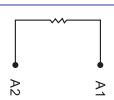
Notes:
Durakool modules for sockets have a round LED and square shoulders.





Part No	Socket Types	Circuit	Description
DM21P-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Diode A1-
DM21N-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Diode A1+
DM31R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with diode, 6 - 24VDC, A1-
DM31G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with diode, 6 - 24VDC, A1-
DM32R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with diode, 24 - 60VDC, A1-
DM32G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with diode, 24 - 60VDC, A1-
DM33R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with diode, 110 - 230VDC, A1-
DM33G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with diode, 110 - 230VDC, A1-
DM41R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with diode, 6 - 24VDC, A1+
DM41G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with diode, 6 - 24VDC, A1+
DM42R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with diode, 24 - 60VDC, A1+
DM42G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with diode, 24 - 60VDC, A1+
DM43R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with diode, 110 - 230VDC, A1+
DM43G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with diode, 110 - 230VDC, A1+
DM51-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		RC Network, 6 to 24V

Modules for Durakool Sockets - Round Pin Plug-in

Part No	Socket Types	Circuit	Description
DM52-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		RC Network, 24V to 60V
DM53-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		RC Network, 110 to 230V
DM61R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED, 6 - 24VAC/DC
DM61G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED, 6 - 24VAC/DC
DM62R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED, 24 - 60VAC/DC
DM62G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED, 24 - 60VAC/DC
DM63R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED, 110 - 230VAC/DC
DM63G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED, 110 - 230VAC/DC
DM71-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Varistor 24VAC
DM72-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Varistor 115VAC
DM73-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Varistor 230VAC
DM91R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with varistor, 6 - 24VAC/DC
DM91G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with varistor, 6 - 24VAC/DC
DM92R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with varistor, 24 - 60VAC/DC
DM92G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with varistor, 24 - 60VAC/DC
DM93R-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Red LED with varistor, 110 - 230VAC/DC
DM93G-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Green LED with varistor, 110 - 230VAC/DC
DM103-BK	D13F-2Z-C4; D14F Series 157, C2, C3, C5, C9, D2RS; D18F Series C4, C5, C8, C9		Resistor 110 - 230VAC

Retaining Springs and Ejector Clips for Durakool Sockets (Bent springs are easier to apply and are the preferred clips)



Matching Socket(s):
D18F-*Z-A1/A2/A/B
D13F-2Z-A/B

Relay height:

Relay Type:
DX2, DX3, DX4

JH-001RC



Matching Socket(s):
D10F-*Z-C1/C2
D166F-*Z-C1

Relay height:
50mm

Relay Type:
DUC, DX15A

JH-004RC

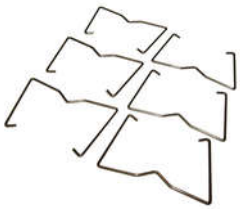


Matching Socket(s):
D18F-*Z-C1/C2
D13F-*Z-C1/C2

Relay height:
34-36mm

Relay Type:
DY2, DYN

JH-006RC

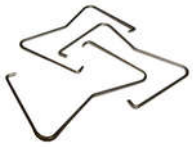


Matching Socket(s):
D14F-*Z-A1/A2

Relay height:
15mm

Relay Type:
DM84, DM85, DM87N

JH-15MS-A



Matching Socket(s):
D14F-*Z-A1/A2

Relay height:
15mm

Relay Type:
DM84, DM85, DM87N

JH-15MS-B



Matching Socket(s):
D14F-*Z-C2/C3/ C4/C5

Relay height:
15mm

Relay Type:
DM84, DM85, DM87N, DX85, DX87N

JH-15PS



Matching Socket(s):
D14F-*Z-A*

Relay height:
15mm

Relay Type:
DM84, DM85, DM87

JH-15-PS-M



Matching Socket(s):
D14F-*Z-A1/A2

Relay height:
20mm

Relay Type:
DM44

JH-20MS-A



Matching Socket(s):
D14F-*Z-C2/C3/ C4/C5

Relay height:
20mm

Relay Type:
DM44

JH-20PS

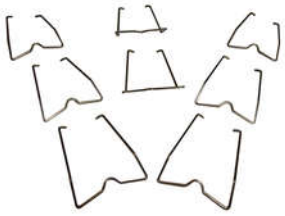


Matching Socket(s):
D14F-*Z-A1/A2

Relay height:
20mm

Relay Type:
DM44

JH-20PS-M

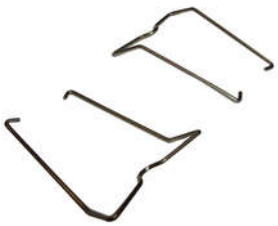


Matching Socket(s):
D14F-*Z-A1/A2

Relay height:
25mm (Straight)

Relay Type:
DM41, DM42, DM43

JH-25MS-A



Matching Socket(s):
D14F-*Z-C*

Relay height:
25mm (Bent)

Relay Type:
DM41, DM42, DM43

JH-25MS-C



Matching Socket(s):
D14F-*Z-C2/C3/ C4/C5

Relay height:
25mm

Relay Type:
DM41, DM42, DM43

JH-25PS-A



Matching Socket(s):
D14F-*Z-C5

Relay height:
25mm

Relay Type:
DM41, DM42, DM43

JH-25PS-B



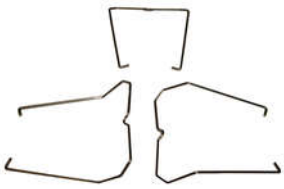
Matching Socket(s):
D14F-*Z-A*

Relay height:
25mm

Relay Type:
DM41, DM42, DM43

JH-25PS-M

Retaining Springs and Ejector Clips for Durakool Sockets (Bent springs are easier to apply and are the preferred clips)



Matching Socket(s):
D18F-*Z-C3/C4/C5/C9
D13F-2Z-C4
Relay height:
29mm

JH-29MS



Matching Socket(s):
D18F-*Z-C4/C5/C8/C9
D13F-2Z-C4
Relay height:
29mm

JH-29PS



Matching Socket(s):
D18F-*Z-C3/C4/C5/C7/C8
D13F-2Z-C4
Relay height:
30mm

JH-30MS



Matching Socket(s):
D18F-*Z-C4/C5/C7/C8/C9
D13F-2Z-C4
Relay height:
36mm (Straight)
Relay Type:
DX2, DX3, DX4, DXN

JH-36MS-A



Matching Socket(s):
D18F-*Z-C4/C5/C7/C8/C9
D13F-2Z-C4
Relay height:
36mm (Bent)
Relay Type:
DX2, DX3, DX4, DXN

JH-36MS-B



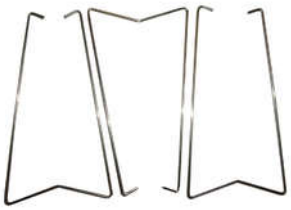
Matching Socket(s):
D18F-*Z-C4/C5/C8/C9
D13F-2Z-C4
Relay height:
36mm
Relay Type:
DX2, DX3, DX4, DXN, DY2, DYN

JH-36PS-A



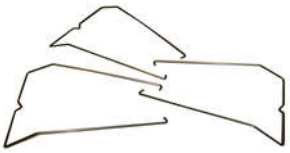
Matching Socket(s):
D18F-*Z-C9
Relay height:
36mm
Relay Type:
DX2, DX3, DX4, DXN, DY2, DYN

JH-36PS-B



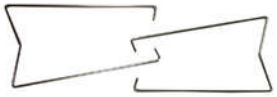
Matching Socket(s):
D10F-*Z-C3/C4/C5
Relay height:
56mm
Relay Type:
DX15A

JH-56MS



Matching Socket(s):
D10F-*Z-C3/C4/C5
Relay height:
62mm (Bent)

JH-62MS



Matching Socket(s):
D10F-*Z-C3/C4/C5
Relay height:
63mm (Straight)

JH-63MS



Matching Socket(s):
D13F-2Z-C3
D18F-*Z-C6
Relay height:
Relay Type:
DY2/DYN

JH-505RC

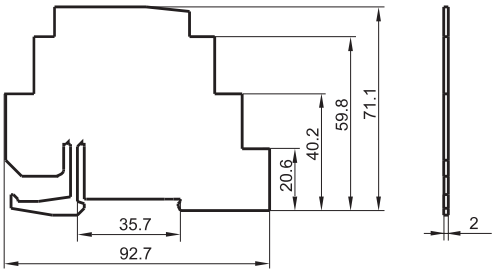
Separator for Durakool Relay Sockets



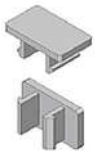
Used with D41F relay sockets

D41F-S



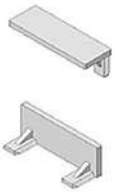


Tabs for Durakool Relay Sockets



For D41F Durakool Relay Sockets

D41F-M



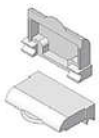
For D18F-C3,C4 & C5 Durakool Relay Sockets

JH18F-T2



For D14F & D18F-CF Durakool Relay Sockets

JH14F-T1



For D18F-C6, & C7 Durakool Relay Sockets

JH18F-T1

Terminal Strips for Durakool Relay Sockets



Jumper link contact bridge with 2 pins for D14F relay sockets

D14F - JP



Jumper link contact bridge with 2 pins for D18F relay sockets

D18F - JP



Jumper link contact bridge with 16 pins for D41F relay sockets

D41F - AR



Push fit jumper link contact bridge with 20 pins for D41F relay sockets

D41F-J-Black



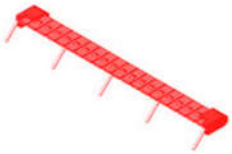
Push fit jumper link contact bridge with 20 pins for D41F relay sockets

D41F-J-Blue



Push fit jumper link contact bridge with 20 pins for D41F relay sockets

D41F-J - Red



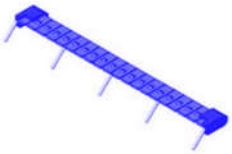
Red Jumper link contact bridge with 5 pins for insert into the normal rising clamp screw terminals D18F relay sockets

DZG05-1



Black Jumper link contact bridge with 5 pins for insert into the normal rising clamp screw terminals D18F relay sockets

DZG05-2



Blue Jumper link contact bridge with 5 pins for insert into the normal rising clamp screw terminals D18F relay sockets

DZG05-3



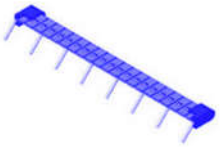
Red Jumper link contact bridge with 8 pins for insert into the normal rising clamp screw terminals D14F relay sockets

DZG08-1



Black Jumper link contact bridge with 8 pins for insert into the normal rising clamp screw terminals D14F relay sockets

DZG08-2



Blue Jumper link contact bridge with 8 pins for insert into the normal rising clamp screw terminals D14F relay sockets

DZG08-3

IND. SOCKET CAT 120622JHM

See website for contact details: www.durakool.com