

• GENERAL

The principle applications of Cam Operated Rotary Switches are for making, breaking and isolation of power circuits and switching the circuits. Cam switches are suitable for AC as well as DC application used for virtually all purposes, such as motor control, panel meter switching, control and distribution panel, etc.

• REFERENCE STANDARDS

IEC60947-3; EN60947-3; VDE0660 part 107;
IEC60204; VDE0113; IEC60947-5-1; EN60204

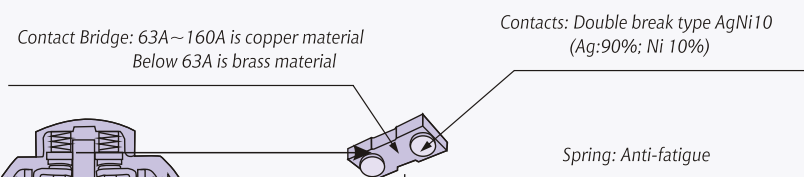
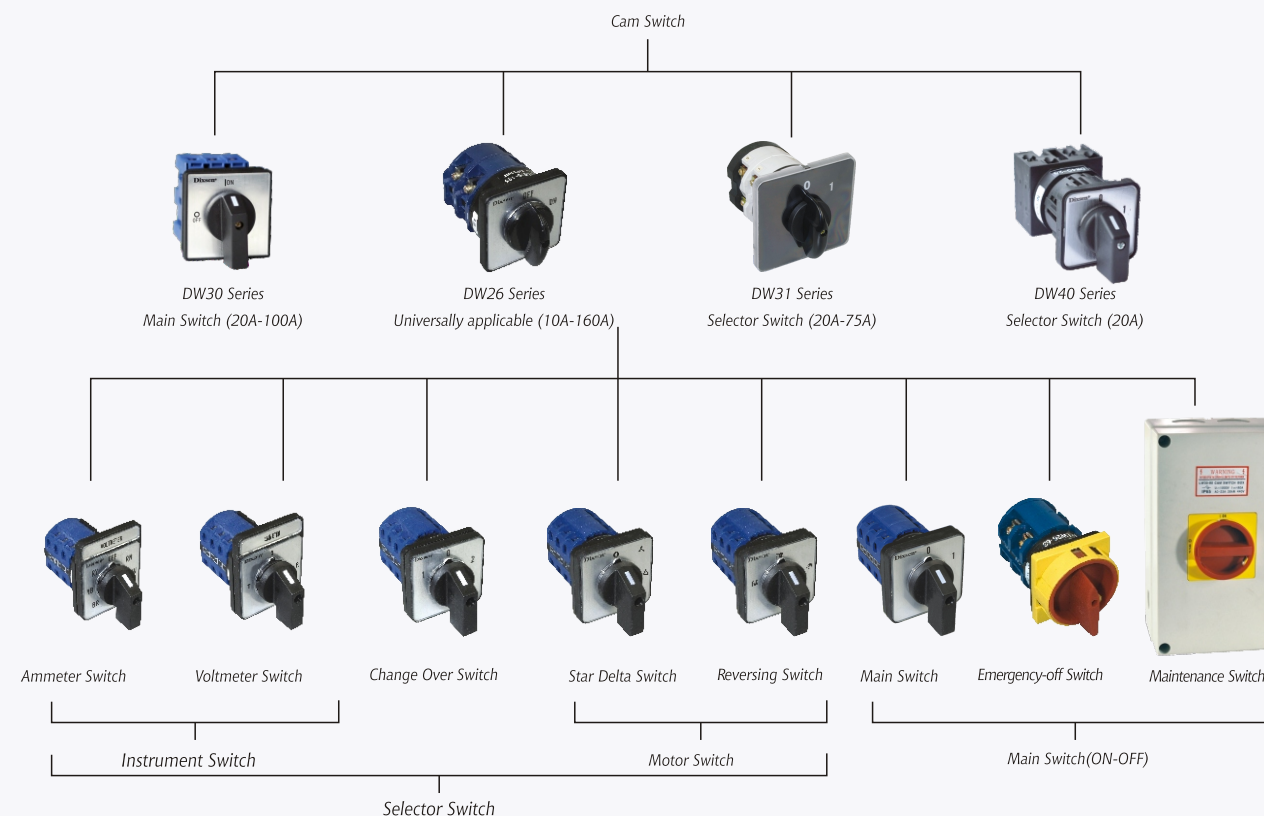
• WHAT IS THE CAM SWITCH

Cam switch is manual operated switch. Contactor and relay are used in controlling medium and high powered motors, but controlling low power motors is made by Cam Switches as they are simple and economic.

The Cam, which can connect and break contacts, has rotary movement and multiple positions, allowing multiple circuit functions controlled through a single operation. The number of positions and the switching angles of Cam are flexible to offer wide selection of “perational sequence” based on the requirements. Cam Switch make and break the connected outputs in required sequence by either opening or closing circuits with a set of contacts operated by a rotary Cam.

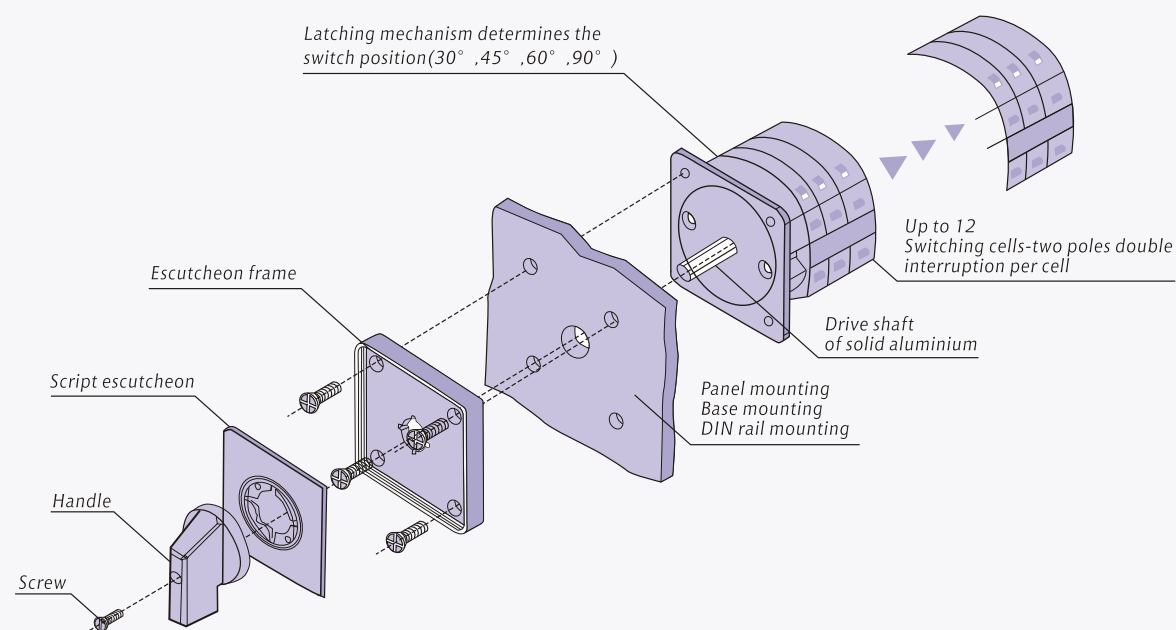
Cam Switch incorporated four silver alloy contacts on two copper bridges per cell and the casing is high grade heatresistance engineering plastic Nylon PA66, these components ensure our switches are reliable, stable electrical and mechanical performance and longer use life. Cam Switches can be used in different controlling operations by increasing the number of cells. As the cam shafts make the contacts work at the same time, controlling of all circuits or phases can be done safely and time without any delay.

• CLASSIFICATION



Switching Cell: 2 separate contact systems per switching cell, each contact is driven by a cam wheel. Heat-resistance PA66 insulation.

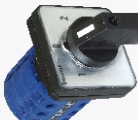
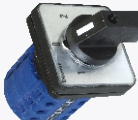
Latching mechanism determines the switch position(30° ,45° ,60° ,90°)



- **SELECTION OF DW26 SERIES**

The basic operating mechanism of Cam switch is required to suit intended application. At following pages, we make a list for the most regular purpose of Cam Switch. If you need assistance in the selection of a product or require additional information, please feel free to contact sales team!

- CAM SWITCH SPECIFICATION:

Ref.	DW26-10	DW26-20	DW26-25	DW26-32	DW26-32F*	DW26-63	DW26-125	DW26-160
								
Rated Thermal Current(A)	10A	20A	25A	32A	32A	63A	125A	160A
Rated Insulating Voltage(V)	690V	690V	690V	690V	690	630V	690V	690V
Rated Working Voltage(A)	240V 440V	240V 440V	240V 440V	240V 440V	240V 440V	240V 440V	240V 440V	240V 440V
Rated Working Current(A)								
AC-21A AC-22A	2.5A 1.5A	5A 4A	8A 5A	14A 6A	14A 6A	-	-	-
AC-23A	1.75A 3.5A	3.5A 3.5A	6.5A 6.5A	11A 11A	11A 11A	15A 15A	30A 30A	95A 95A
AC-2	5.5A 5.5A	11A 11A	15A 15A	22A 22A	22A 22A	36A 36A	75A 75A	95A 95A
AC-3	7.5A 7.5A	15A 15A	22A 22A	30A 30A	30A 30A	57A 57A	90A 90A	135A 135A
AC-4	7.5A 7.5A	15A 15A	22A 22A	30A 30A	30A 30A	57A 57A	90A 90A	135A 135A
AC-15	10A 10A	20A 20A	25A 25A	32A 32A	32A 32A	63A 63A	100A 100A	150A 150A
Rated Control Power(KW)								
AC-4	0.37KW 0.55KW	3.7/2.5KW 7.5/3.7KW	5.5/3KW 11/5.5KW	7.5/4KW 15/7.5KW	7.5/4KW 15/7.5KW	15/10KW 30/18.5KW	45/22KW 30/15KW	75/37KW 37/22KW
AC-3	1.5KW 2.2KW	4KW 7.5KW	5.5KW 11KW	7.5KW 15KW	7.5KW 15KW	18.5KW 30KW	45KW 30KW	7.5KW 55KW
AC-2	2.5KW 3.7KW	3/2.2KW 5.5/3KW	4/3KW 7.5/3.7KW	5.5/4KW 11/5.5KW	5.5/4KW 11/5.5KW	11/6KW 18.5/11KW	15/7.5KW 30/13KW	22/11KW 37/18.5KW
AC-23A	1.8KW 3KW	0.55/0.75KW 1.5/1.5KW	1.5/1.1KW 3/2.2KW	2.7/1.5KW 5.5/3KW	2.7/1.5KW 5.5/3KW	5.5/2.4 KW 7.5/4KW	6/3KW 12/5.5KW	10/4KW 15/7.5KW

Note: At the Rated Control Power blank, the AC-23A, AC-3, AC-4 means the power in three phase three pole, and the denominator means the power under single phase two pole.

* Finger-protected Respectively Hand-protected

- *SELECTION OF ESCUTCHEON*

In the standard version, the switches are supplied with silver escutcheon, other colours upon customers' requests, escutcheon lettering available from M0 to RM2, special letterings upon request.

Escutcheon Code	Colour	Ref.	DW26 -10	DW26 -20	DW26 -25	DW26 -32F	DW26 -32	DW26 -63	DW26 -125	DW26 -160
+0	-	No escutcheon 								
+M0	Silver Yellow	Size: 30x30mm 								
+M1	Silver Yellow	Size: 48x48mm 								
+M2	Silver Yellow	Size: 64x64mm 								
+M3	Silver Yellow	Size: 88x88mm 								
+RM1	Silver Yellow	Size: 48X60mm 								
+RM2	Silver Yellow	Size: 64x80mm 								

 Means not available.
 Means available.

Note: our standard escutcheon angle is arc.

SELECTION OF HANDLE

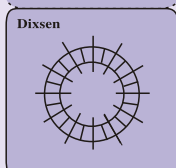
In the standard version, the switches are supplied with a black I handle. If required, the switch can be supplied with other handles, which can easily be exchanged.

Handle Code	Colour	Ref.	DW26 -10	DW26 -20	DW26 -25	DW26 -32F	DW26 -32	DW26 -63	DW26 -125	DW26 -160	
+R	Black	Escutcheon @		M1/M2			M2/M3		M3		
	Red										
+I	Black	Escutcheon @	MO	M1/M2			M2/M3		M3		
	Red										
	White										
	Gray										
+F	Black	Escutcheon @	MO	M1/M2			M2				
	Red										
+L	Black	Escutcheon @		M2							
	Red										
	White										
	Gray										
+B	Black	Escutcheon @		M1/M2			M2				
	Red										
+P	Black	Escutcheon @		M2						M3	
	Red										
	White										
	Gray										
+H	Black	Escutcheon @		M2							
	Red										
+K	Black	Escutcheon @		M2						M3	
	Red										
	White										
	Gray										

 Means not available.  Means available.

CUSTOMIZED PROGRAMME FORM (CPF)

Due to the flexibility selection of DW26 series contact ratings and number of contacts etc, their combination number is almost limitless, to ensure that a right switch is chosen for the application, so we prepare the following Customized Programme Form (CPF) for our customers order special switches. Only DW26 series.



Switching Angle:
Switching Position:
Escutcheon Size:

Customer: Programme Code: Date: Quantity:

Utilization Category:

Switch Type: Mounting:

☐ R  ☐ I  ☐ F  ☐ B 

☐ S  ☐ L  ☐ P  ☐ K 

Thermal Current Rating:

☐ 10A ☐ 20A ☐ 25A ☐ 32A ☐ 63A ☐ 125A ☐ 160A

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Note:

HOW TO ORDER

1. Model of Switch
The model of switch required may be easily selected by referring to the selecting table .
The table shows the thermal current, power rating, etc.

2. Rated Thermal Current
For example: 20A

3. No. of cells
For example: 3Cells

4. Programme Code
For example: Ammeter Switch (AK001)

DW26

-20

/3

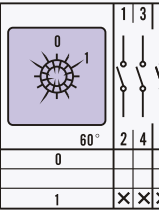
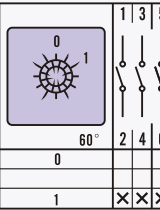
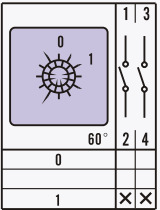
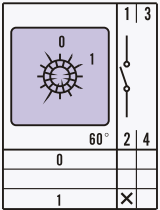
+AK001

Ordering Example: DW26-20/3 + AK001.

SELECTION OF THE MAIN SWITCH

Main Switch are ON-OFF switches to isolate the power to a particular area of operation. According to IEC/EN60204 or VDE0113, all electrical equipments of industrial machines must be equipped with a Main Switch. This must permit disconnection of all the electrical equipment during cleaning, maintenance and repair work, and other extended periods when is stationary. Main Switch can be used for switching and controlling main circuits, motor ON-OFF and other special application circuits, such as illumination equipments, heating equipments and motors. Their high on-off ability ensure the work reliability of frequently making and breaking.

Ref.	Model	Rated Thermal Current(A)	No. of Cells	Escutcheon Mark	Programme Code
DW26-25/2 + NF003	DW26	10, 20, 25,	1	0-1, ON-OFF	+ NF001
	DW26	32, 63, 125,	1		+ NF002
	DW26	160	2		+ NF003
	DW26		2		+ NF004



NF001

NF002

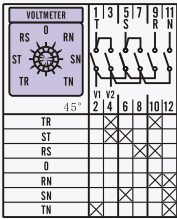
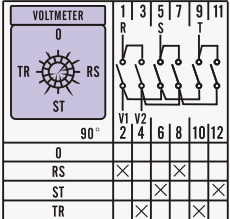
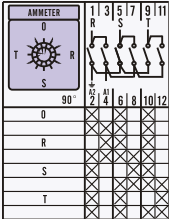
NF003

NF004

SELECTION OF INSTRUMENT SWITCH

Instrument switch including Ammeter switch and Voltmeter switch. The Ammeter Switch is connected to an Ammeter, the purpose being monitoring of current in all the respective phases current R,Y,B. The Voltmeter Switch is connected to the Voltmeter, to measure Voltages between Phases (Line Voltages RY,YB,BR) and between Phase to neutral (Phase Voltage RN,YN,BN) with a single voltmeter. Here also the purpose is to save cost of two more voltmeters.

Ref.	Model	Rated Thermal Current(A)	No. of Cells	Escutcheon Mark	Programme Code	Case Qty. (Pcs)
DW26-20/3 + AK001	DW26	20	3	0-1-2-3,	+ AK001	100
				OFF-R-Y-B,		
				OFF-1-2-3		
				O-R-S-T		



AK001

VN001

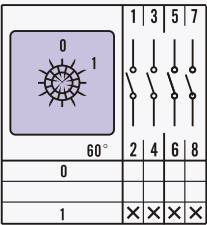
VN002

DW26-20/3 + VN002	DW26	20	3	O-RS-ST-TR	+ VN001	100
				RS-ST-TR-O-RN-SN-TN	+ VN002	100

SELECTION OF THE EMERGENCY-OFF SWITCH

Emergency-Off switch is the main switches with emergency-off function, used for Interrupting the electrical equipments or shutting down motors. They are supplied with padlock device which is red padlockable handles and yellow escutcheons, which means they are lockable in the OFF position to protect unauthorized person from starting equipments or motors.

Ref.	Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26GS-32/2 + NF004	DW26GS	20, 25, 32, 63, 125, 160	2	+ NF004



NF004

SELECTION OF THE MAINTENANCE SWITCH (IP65)

The maintenance switch is an enclosed main switch with emergency-off function for an individual electrical load circuit or motors, connecting kinds of electric loads. The switches, which have high strength durable plastic enclosures, are intended for surface mounting or attachment to machines. The enclosure is equipped with entry knockouts and designed with extra space for easy wiring. The enclosures are suitable for applications in an aggressive environment, such as oil, chemical substances and grease, etc. Owing to the installation closed to the motor or the load circuit, each operator can protect himself against unintentional and uncontrolled switching-on of the machine or installation by fixing his padlock (3 max.) For a correct type selection it is important to determine a type according to the switching capacity, cable cross section, size of enclosure and knockouts are essential factors for the selection of the suitable Switch.

Ref.	Model	Rated Thermal Current (A)	No. of Cells	Case Qty. (Pcs)
DW26BM	DW26BM	20, 25, 32, 63	1	30
	DW26BM		2	30
	DW26BM		3	30
	DW26BM		4	30
	DW26BM		5	30



3 Padlock Maximum

DW26SM	DW26SM	20, 25	1	76
			2	76
			3	68



2 Padlocks Maximum

DW26SQ	DW26SQ	20, 25, 32, 63	2	12
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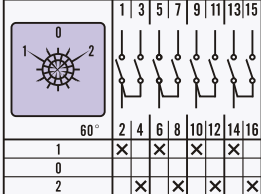
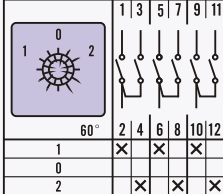
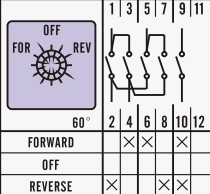
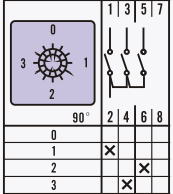
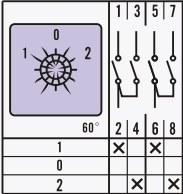
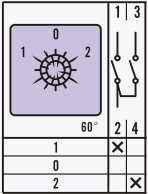
3 Padlocks Maximum

SELECTION OF THE MOTOR SWITCH

Motor switch is a kind of Change over Switch, they including Reversing Switch, Multi-step Switch, Multispeed Switch, Star delta Switch, etc. Reversing switch directly operate the motor with AC3 or Ac4 duty rating.

REVERSING SWITCH

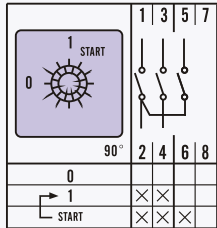
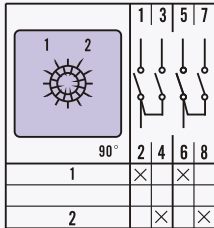
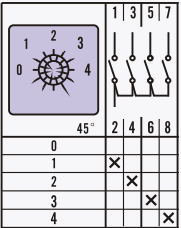
Ref.	Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26-20/3 + RE005	DW26	10, 20, 25, 32, 63, 125, 160A	1	+RE001
	DW26		2	+RE002
	DW26		2	+RE003
	DW26		3	+RE004
	DW26		3	+RE005
	DW26		4	+RE006



RE001 RE002 RE003 RE004 RE005 RE006

MULTI-STEP SWITCH

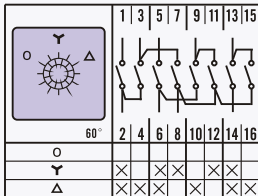
Ref.	Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26-20/2 + ST002	DW26	10, 20, 25, 32, 63, 125, 160	2	+ST001
	DW26		2	+ST002
	DW26		2	+ST003



ST001 ST002 ST003

STAR DELTA STARTER

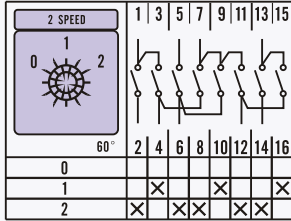
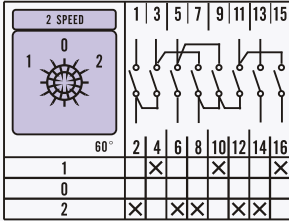
Ref.	Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26-20/4 + SD001	DW26	10, 20, 25, 32, 63, 125, 160	4	+SD001



SD001

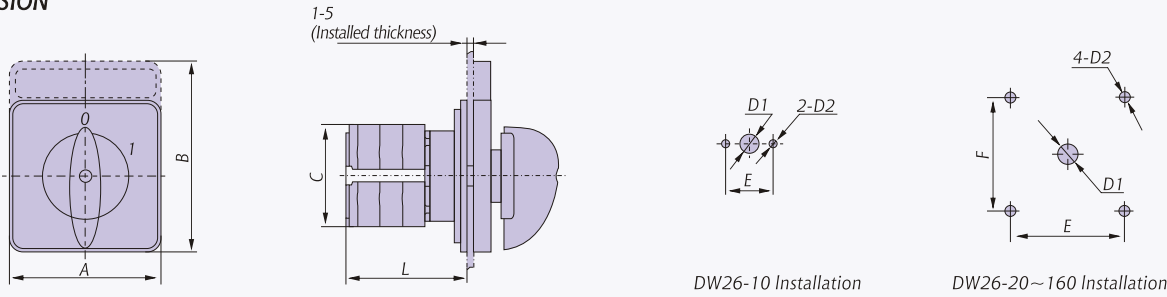
MULTI-SPEED SWITCH

Ref.	Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26-20/4 + SP001	DW26	10, 20, 25, 32, 63, 125, 160	4	+SP001
	DW26		4	+SP002



SP001 SP002

DIMENSION



Model	Escutcheon	Dimension(mm)							
		A	B	C	L	E	F	D1	D2
DW26-10	M0	30	30	28	22+8n	20		Φ8	Φ3.2
DW26-20	M1	48	48	43	22+9.6n	36	36	Φ8.5	Φ4.5
	RM1	48	60	43	22+9.6n	36	36	Φ8.5	Φ4.5
	M2	64	64	43	25+9.6n	48	48	Φ10	Φ4.5
DW26-25	RM2	64	80	43	25+9.6n	48	48	Φ10	Φ4.5
	M1	48	48	45.2	23+12.8n	36	36	Φ8.5	Φ4.5
	RM1	48	60	45.2	23+12.8n	36	36	Φ8.5	Φ4.5
DW26-32	M2	64	64	45.2	26.5+12.8n	48	48	Φ10	Φ4.5
	RM2	64	80	45.2	26.5+12.8n	48	48	Φ10	Φ4.5
	M2	64	64	58	29.2+12.8n	48	48	Φ10	Φ4.5
DW26-32F	RM2	64	80	58	29.2+12.8n	48	48	Φ10	Φ4.5
	M1	48	48	48	23+14n	36	36	Φ8.5	Φ4.5
	RM1	48	60	48	23+14n	36	36	Φ8.5	Φ4.5
DW26-63	M2	64	64	48	24.5+14n	48	48	Φ10	Φ4.5
	RM2	64	80	48	24.5+14n	48	48	Φ10	Φ4.5
	M2	64	64	66	29.2+21.5n	48	48	Φ10	Φ4.5
DW26-125	M3	88	88	66	29.2+21.5n	68	68	Φ10	Φ4.5
DW26-160	M3	88	107	84	35+26.5n	68	68	Φ13	Φ6
DW26-160	M3	88	107	88	35+32.5n	68	68	Φ13	Φ6

Note: n for number of Cells.

● **SELECTION OF SPECIAL VERSION**

Also we offer special versions for our DW26 series Cam switch. Below table is show their possibilities of combination.

Ref. **+Z**

DW26Z



Indicated Device Switch: The device can have Run/Stop-function visible signals through two indicating lights (Green and Red) at the front. Green means Run and red means Stop, which can be easily tell by the operator.

DW26Z-20/1-5
DW26Z-25/1-5
DW26Z-32F/1-5

Ref. **+X**

DW26X



Removable Key & Indicating Device Switch: This device is only have removable key with the indicated device at the front, the key can be removable at the OFF position.

DW26X-20/1-5
DW26X-25/1-5
DW26X-32F/1-5

Ref. **+Q**

DW26Q



Removable Key Drive Switch: The switch is designed a key can be removed when handle at "0" position.

DW26Q-20/1-5
DW26Q-25/1-5
DW26Q-32F/1-5

Ref. **+J**

DW26J



Single-Padlock Device Switch : With integrated door clutch. The handle is restricted if the door is opened. In the I-position the door can be opened with a special key. Possible misalignment of the shaft can be compensated for by the door clutch.

DW26J-20/1-5
DW26J-25/1-5
DW26J-32F/1-5

● **SELECTION OF ACCESSORY**

A number of accessories below can be supplied for adaptation of switches to various condition of use, and the installation way can be changed with corresponding accessories.

Ref. **+SM
+BM**

DW26BM



Protective Enclosure : The switch is supplied with IP65 protective enclosure. Bigger enclosure is only suit for M2 escutcheon, smaller enclosure is only suit for M1 escutcheon. Surface mounting.

DW26SM-20/1-3 DW26BM-25/1-5
DW26SM-25/1-2 DW26BM-32(F)/1-4
DW26BM-20/1-5 DW26BM-63/1-2

Ref. **+N**

DW26N



Plastic Shield : Also we offer economic IP65 plastic shield for applications in an aggressive environment, such as oil, chemical substances, etc. only suit for M1 escutcheon. Surface mounting.

DW26N-20/1-3
DW26N-25/1-3

Ref. **+V**

DW26V



DIN Rail Adapter: Snap-on mounting kit on DIN EN50022 rail 35mm.

DW26V-20
DW26V-25
DW26V-32F

Ref. **+W**

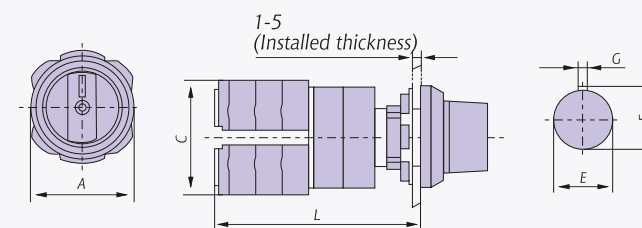
DW26W



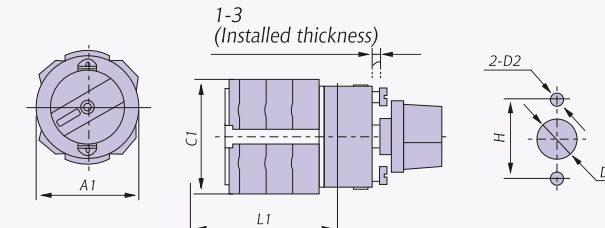
Base Mounting Kit: For screw mounting to the back wall or floor of distributor oxes, etc.

DW26W-10 DW26W-32F
DW26W-20 DW26W-63
DW26W-25 DW26W-125
DW26W-32 DW26W-160

DW26O Model Single Hole Installation



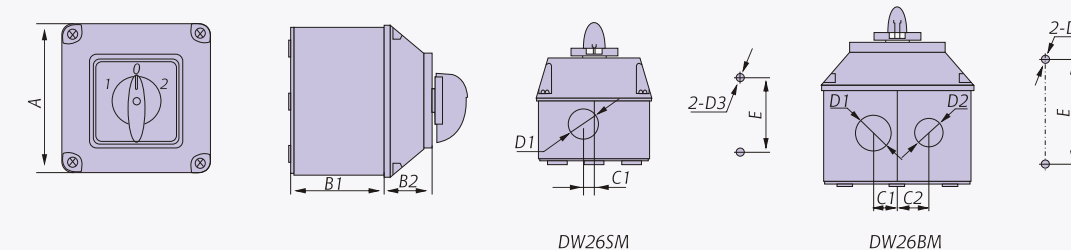
DW26O Model Double Hole Installation



Model	Dimension(mm)											
	A	C	L	A1	C1	L1	E	F	G	H	D1	D2
DW26O-10	Φ29	28	35+8n				Φ16.2	18	1.9			
DW26O-20	Φ39	43	35+9.6n				Φ30.5	33	4.8			
DW26O-20	Φ39	43	42+9.6n	Φ39	43	24+9.6n	Φ22.3	24.1	3.2	30	Φ15	Φ5
DW26O-25	Φ39	45.2	42+12.8n	Φ39	45.2	25+12.8n	Φ22.3	24.1	3.2	30	Φ15	Φ5
DW26O-32F	Φ39	48	42+14n	Φ39	48	25+14n	Φ22.3	24.1	3.2	30	Φ15	Φ5

Note: n for number of cells.

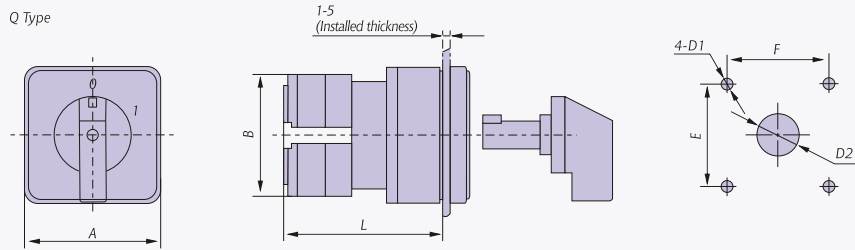
DW26BM/SM Model Protective Enclosure



Model	Dimension(mm)								
	A	B1	B2	C1	C2	D1	D2	D3	E
DW26SM-20	□68.5	35.5	25.5	6.5		Φ18		Φ5	44
DW26SM-20	□68.5	45	25.5	6.5		Φ18		Φ5	44
DW26SM-20	□68.5	35.5	32.5	6.5		Φ18		Φ5	44
DW26SM-20	□68.5	45	32.5	6.5		Φ18		Φ5	44
DW26SM-25	□68.5	35.5	25.5	6.5		Φ18		Φ5	44
DW26SM-25	□68.5	45	25.5	6.5		Φ18		Φ5	44
DW26SM-25	□68.5	35.5	32.5	6.5		Φ18		Φ5	44
DW26SM-25	□68.5	45	32.5	6.5		Φ18		Φ5	44
DW26SM-32F	□68.5	35.5	25.5	6.5		Φ18		Φ5	44
DW26SM-32F	□68.5	45	25.5	6.5		Φ18		Φ5	44
DW26SM-32F	□68.5	35.5	32.5	6.5		Φ18		Φ5	44
DW26SM-32F	□68.5	45	32.5	18		Φ18		Φ5	44
DW26BM-20	□113	70.5	35.5	18	23.5	Φ27	Φ21	Φ5	78
DW26BM-25	□113	70.5	35.5	18	23.5	Φ27	Φ21	Φ5	78
DW26BM-32	□113	70.5	35.5	18	23.5	Φ27	Φ21	Φ5	78
DW26BM-32F	□113	70.5	35.5	18	23.5	Φ27	Φ21	Φ5	78
DW26BM-63	□113	70.5	35.5	18	23.5	Φ27	Φ21	Φ5	78

● DIMENSION

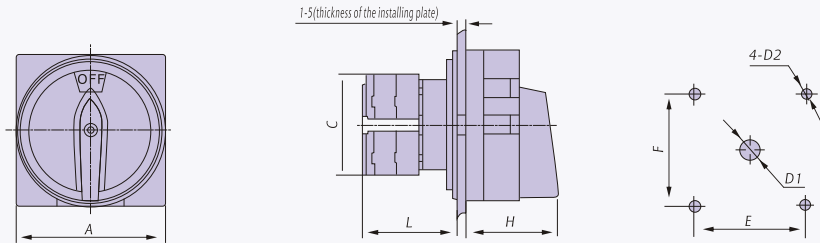
DW26Q Model Removable Key Drive Switch



Model	Escutcheon	Dimension(mm)						
		A	B	L	E	F	D1	D2
DW26Q-20	M1	48	43	38+9.6n	36	36	Φ4.2	Φ15
DW26Q-25	M1	48	45.2	39+12.8n	36	36	Φ4.2	Φ15
DW26Q-32F	M1	48	48	39+14n	36	36	Φ4.2	Φ15

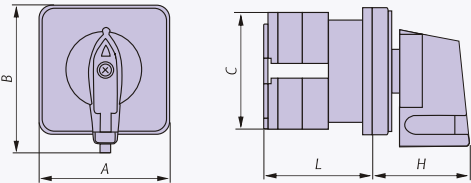
Note: n for number of cells.

DW26GS Model Padlock Switch



Model	Escutcheon	Dimension(mm)						
		A	C	L	H	E	F	D1
DW26GS-20	M1	45	43	42	33	36	36	8.5
DW26GS-20	M2	64	43	43	42	48	48	8.5
DW26GS-25	M1	48	45.2	50	33	36	36	8.5
DW26GS-25	M2	64	45.2	51	42	48	48	8.5
DW26GS-32	M2	64	58	55	42	48	48	10
DW26GS-32	M3	88	58	55	52	68	68	13
DW26GS-63	M2	64	66	72.5	42	48	48	10
DW26GS-63	M3	88	66	72.5	52	68	68	13
DW26GS-125	M3	88	84	88	52	68	68	13
DW26GS-160	M3	88	88	100	52	68	68	13

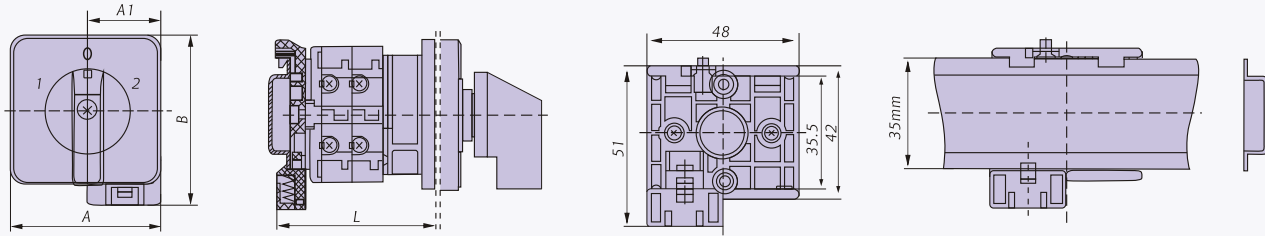
DW26J Model Single-Padlock Device Switch



Model	Dimension(mm)						Installation(mm)			
	A	B	C	L	H	E	F	D1	D2	
DW26J-20	□48	55	43	22+9.6n	36max	36	36	Φ8.5	Φ4.5	
DW26J-25	□48	55	45.2	25+12.8n	36max	36	36	Φ8.5	Φ4.5	
DW26J-32F	□48	55	48	23+14n	36max	36	36	Φ8.5	Φ4.5	

Note: n for number of cells.

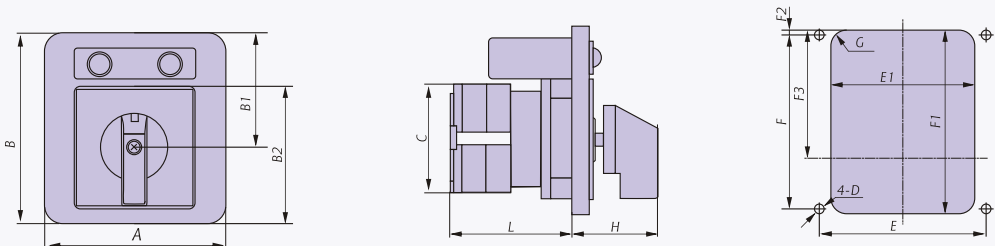
DW26V Model DIN Rail Adapter



Model	Dimension(mm)				Installation(mm)
	A	A1	B	L	
DW26V-20	□48	24	54	31+9.6n	35mm DIN Rail
DW26V-25	□48	24	54	32+12.8n	35mm DIN Rail
DW26V-32F	□48	24	54	32+14n	35mm DIN Rail

Note: n for number of cells.

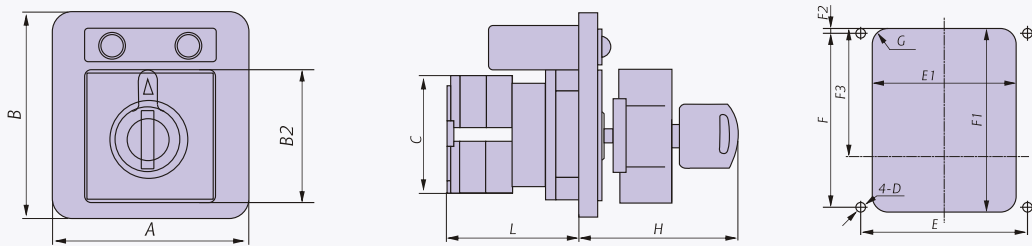
DW26Z Model Indicated Device Switch



Model	Dimension(mm)							Installation(mm)							
	A	B	B1	B2	C	L	H	E	E1	F	F1	F2	F3	D	G
DW26Z-20	72	76	45.5	48	43	26+9.6n	34max	60	52	64	66.5	2	41.5	Φ4	R4
DW26Z-25	72	76	45.5	48	45.5	26+12.8n	34max	60	52	64	66.5	2	41.5	Φ4	R4
DW26Z-32F	72	76	45.5	48	48	26+14n	34max	60	52	64	66.5	2	41.5	Φ4	R4

Note: n for number of cells.

DW26X Model Removable Key & Indicating Device Switch



Model	Dimension(mm)							Installation(mm)							
	A	B	B1	B2	C	L	H	E	E1	F	F1	F2	F3	D	G
DW26X-20	72	76	45.5	48	43	26+9.6n	58max	60	52	64	66.5	2	41.5	Φ4	R4
DW26X-25	72	76	45.5	48	45.2	26+12.8n	58max	60	52	64	66.5	2	41.5	Φ4	R4
DW26X-32F	72	76	45.5	48	48	26+14n	58max	60	52	64	66.5	2	41.5	Φ4	R4

Note: n for number of cells.

Ref.	DW30-20		DW30-32		DW30-40		DW30-63		DW30-80		DW30-100	
												
Rated Thermal Current(A)	20		32		40		63		80		100	
Rated Insulated Voltage(V)	690		690		690		690		690		690	
Rated Working Voltage(V)	240	440	240	440	240	440	240	440	240	440	240	440
Rated Working Current(A)												
AC-21A	20	20	32	32	40	40	63	63	80	80	100	100
AC-22A	20	20	22	22	40	40	63	63	80	80	100	100
AC-23A	15	15	22	22	30	30	43	43	57	57	70	70
AC-3	11.7	11.7	15	15	22	22	36	36	43	43	57.6	57.6
Rated Control Power(KW)												
AC-23A	4	7.5	5.5	11	7.5	15	11	22	18.5	30	22	37
AC-3	3	5.5	4	7.5	7.5	11	11	18.5	15	22	18.5	30

Note: Only M2 escutcheon available for DW30 Series, the standard handle is I type for DW30 Series.

OPTIONAL EXTRAS

Ref.

+S

DW30S



Single-Padlock Device Switch:

The device designed to prevent from being turned on by unauthorized personnel.

DW30S-20

DW30S-32

M2 Escutcheon available only.

Ref.

+GS

DW30GS



Multi-Padlock Device Switch:

Padlock devices designed to prevent from being turned on by unauthorized personnel, or during maintenance and repair work, can be supplied. Three padlocks at most.

DW30GS-20

DW30GS-63

DW30GS-32

DW30GS-80

DW30GS-40

DW30GS-100

Ref.

+G

DW30G



Protective Enclosure Switch:

IP65 surface mounting protective enclosure. It is only suit for M2 escutcheon. It can be used as maintenance switch to prevent from being turned on by unauthorized personnel, or during maint enance and repair work. Three padlocks atmost.

DW30G-20

DW30G-63

DW30G-32

DW30G-80

DW30G-40

DW30G-100

M2 Escutcheon available only.

Ref.

+Y

DW30Y



Door Coupling Switch:

Door couplings are advisable for switchgear cabinets with hinged doors. Our shaft length is 15cm, it can be adjustable by customers' own if the length is enough. Over 15cm shaft needed to be marked emphatically when ordering the Door coupling switch.

DW30Y-20

DW30Y-63

DW30Y-32

DW30Y-80

DW30Y-40

DW30Y-100

M2 Escutcheon available only.

Ref.

+A

DW30A



Attachable Auxiliary Contact Module:

Attachable direct connect auxiliary contact. One auxiliary contact only can be attached both left and right side.

M2 Escutcheon



DEMO

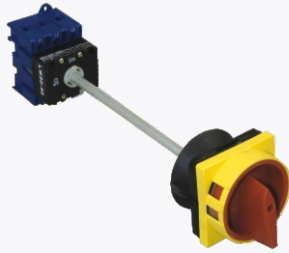


Ref.	Model	Rated Thermal Current (A)	No. of Poles	Case Qty.(Pcs)	Item Code
DW30-40/3	DW30-20/3	20	3P	76	4300203
	DW30-20/4	20	4P	76	4300204
	DW30-32/3	32	3P	76	4300323
	DW30-32/4	32	4P	76	4300324
	DW30-40/3	40	3P	68	4300403
	DW30-40/4	40	4P	68	4300404
	DW30-63/3	63	3P	68	4300633
	DW30-63/4	63	4P	68	4300634
	DW30-80/3	80	3P	50	4300803
	DW30-80/4	80	4P	36	4300804
	DW30-100/3	100	3P	50	4301003
	DW30-100/4	100	4P	36	4301004

DW30-40/3



DW30Y-32/3



DW30G-32/3

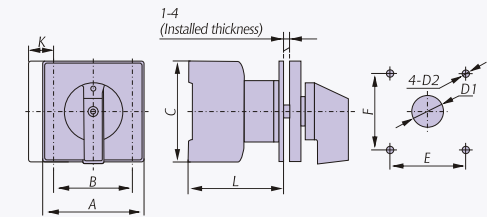


DW30Y-20/3	20	3P	32	4305203
DW30Y-20/4	20	4P	32	4305204
DW30Y-32/3	32	3P	32	4305323
DW30Y-32/4	32	4P	32	4305324
DW30Y-40/3	40	3P	32	4305403
DW30Y-40/4	40	4P	32	4305404
DW30Y-63/3	63	3P	32	4305633
DW30Y-63/4	63	4P	32	4305634
DW30Y-80/3	80	3P	24	4305803
DW30Y-80/4	80	4P	18	4305804
DW30Y-100/3	100	3P	24	4305103
DW30Y-100/4	100	4P	18	4305104

DW30G-20/3	20	3P	30	4307203
DW30G-20/4	20	4P	30	4307204
DW30G-32/3	32	3P	30	4307323
DW30G-32/4	32	4P	30	4307324
DW30G-40/3	40	3P	18	4307403
DW30G-40/4	40	4P	18	4307404
DW30G-63/3	63	3P	18	4307633
DW30G-63/4	63	4P	18	4307634
DW30G-80/3	80	3P	8	4307803
DW30G-80/4	80	4P	8	4307804
DW30G-100/3	100	3P	8	4307103
DW30G-100/4	100	4P	8	4307104

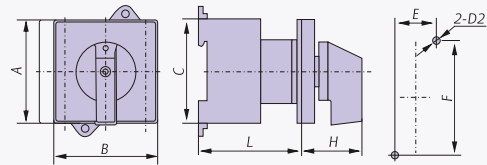
• DIMENSION

DW30 Model Main Switch



Model	Dimension(mm)								
	A	B	C	K	L	E	F	D1	D2
DW30-20	□ 64	42	54	13.5	61	48	48	Φ20	Φ4.2
DW30-32	□ 64	42	54	13.5	61	48	48	Φ20	Φ4.2
DW30-40	□ 64	50	64	16	67	48	48	Φ20	Φ4.2
DW30-63	□ 64	50	64	16	67	48	48	Φ20	Φ4.2
DW30-80	□ 64	70	80	22.5	82	48	48	Φ20	Φ4.2
DW30-100	□ 64	70	80	22.5	82	48	48	Φ20	Φ4.2

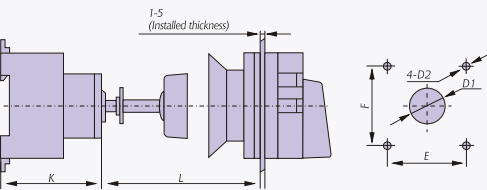
DW30S Model Single-Padlock Device Switch



Model	Dimension(mm)							
	A	B	C	L	H	E	F	D2
DW30S-20	45	42	54	50	26	22	60	Φ4.2
DW30S-32	45	42	54	50	26	22	60	Φ4.2

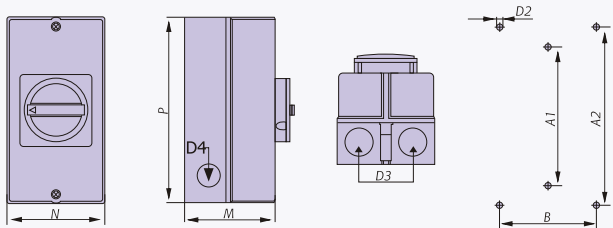
Note: Product can be installed in DIN rail.

DW30Y Model Door Coupling Switch



Model	Dimension(mm)						
	K	Lmin	Lmax	E	F	D1	D2
DW30Y-20	50	32	150	48	48	Φ 22	Φ 4.2
DW30Y-32	50	32	150	48	48	Φ 22	Φ 4.2
DW30Y-40	61	32	150	48	48	Φ 22	Φ 4.2
DW30Y-63	61	32	150	48	48	Φ 22	Φ 4.2
DW30Y-80	68	32	150	48	48	Φ 22	Φ 4.2
DW30Y-100	68	32	150	48	48	Φ 22	Φ 4.2

DW30G Model Protective Endosure



Model	Dimension(mm)								
	D3	D4	M	N	P	A1	A2	B	D2
DW30G-20	Φ 23	Φ 19	85	83	160	150	-	-	Φ 4.2
DW30G-32	Φ 23	Φ 19	85	83	160	150	-	-	Φ 4.2
DW30G-40	Φ 29	Φ 23	100	95	190	178	-	-	Φ 4.2
DW30G-63	Φ 29	Φ 23	100	95	190	178	-	-	Φ 4.2
DW30G-80	Φ 37.5	Φ 23	144	105	250	-	229	124	Φ 6.5
DW30G-100	Φ 37.5	Φ 23	144	105	250	-	229	124	Φ 6.5

Ref.	DW31-20	DW31-25	DW31-32	DW31-50	DW31-75
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Rated Thermal Current	20A		25A		32A		50A		75A	
Rated Insulating Voltage	690V		690V		690V		690V		690V	
Protection Grade	IP20		IP20		IP20		IP20		IP20	
Type of Handle	R type		R type		R type		R type		R type	
Rated Working Voltage	220V	440V	220V	690V	220V	690V	220V	690V	220V	690V

Rated Working Current										
AC-21A	-	20A	-	25A	-	32A	-	50A	-	75A
AC-22A	-	16A	-	20A	-	32A	-	40A	-	63A
DC-20	20A	-	25A	-	32A	-	50A	-	75A	-

Rated Control Power										
AC-23A	5KW	7.5KW	7.5KW	15KW	11KW	22KW	15KW	30KW	18.5KW	37KW
AC-3	4KW	5.5KW	5.5KW	11KW	7.5KW	18.5KW	11KW	22KW	15KW	30KW
AC-4	2.2KW	3KW	2.2KW	-	3KW	-	5.5KW	-	7.5KW	-
DC-23	1.2KW	-	2.2KW	-	2.2KW	-	6KW	-	8KW	-

• SELECTION OF ESCUTCHEON

Escutcheon Code	Colour	Ref.	DW31-20	DW31-25	DW31-32	DW31-50	DW31-75
+CM1	Black	Size: 54x54mm					
+CM2	Black	Size: 72x72mm					
+CM3	Black	Size: 105x105mm					

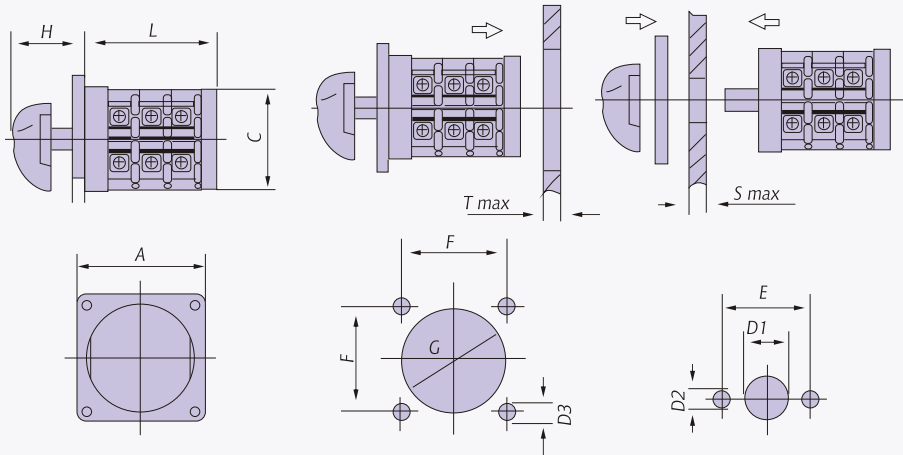
☹ Means not available. ● Means available.

Ref.	Model	Rated Thermal Current(A)	No. of Cells	Case Qty. (Pcs)	Item Code
DW31-20/2	DW31-20/1	20	1	100	4312001
	DW31-20/2	20	2	100	4312002
	DW31-20/3	20	3	100	4312003
	DW31-20/4	20	4	100	4312004
	DW31-20/5	20	5	100	4312005
	DW31-25/1	25	1	72	4312501
	DW31-25/2	25	2	72	4312502
	DW31-25/3	25	3	64	4312503
	DW31-25/4	25	4	64	4312504
	DW31-25/5	25	5	48	4312505
	DW31-32/1	32	1	72	4313201
	DW31-32/2	32	2	72	4313202
	DW31-32/3	32	3	64	4313203
	DW31-32/4	32	4	48	4313204
	DW31-32/5	35	5	48	4313205
	DW31-50/1	50	1	30	4315001
	DW31-50/2	50	2	30	4315002
	DW31-50/3	50	3	30	4315003
	DW31-50/4	50	4	30	4315004
	DW31-50/5	50	5	30	4315005
	DW31-75/1	75	1	30	4317501
	DW31-75/2	75	2	30	4317502
	DW31-75/3	75	3	30	4317503
	DW31-75/4	75	4	30	4317504
	DW31-75/5	75	5	30	4317505

DW31-20/2



• DIMENSION



Model	Escutcheon Size	Dimension(mm)										
		C	H	L	E	D1	D2	S	F	G	D3	T
DW31-20	□54	Φ44	38	25+12n	32	Φ9.5	Φ3.2	1.5	35	Φ45	Φ4.5	6
DW31-30	□72	Φ44	38	25+12n	32	Φ9.5	Φ3.2	1.5	58	Φ45	Φ4.5	6
DW31-25	□72	Φ59	36	23+13n	33	Φ9.5	Φ3.2	1.5	58	Φ64	Φ4.5	6
DW31-25	□105	Φ59	53	23+13n	33	Φ9.5	Φ3.2	1.5	85	Φ64	Φ4.5	6
DW31-32	□72	Φ59	36	23+18n	33	Φ9.5	Φ3.2	1.5	58	Φ64	Φ4.5	6
DW31-32	□105	Φ59	53	23+18n	33	Φ9.5	Φ3.2	1.5	85	Φ64	Φ4.5	6
DW31-50	□105	Φ80	53	34+18n	46	Φ13	Φ5.3	3	85	Φ90	Φ5.5	8
DW31-75	□105	Φ80	53	34+27n	46	Φ13	Φ5.3	3	85	Φ90	Φ5.5	8

Note: n for number of cells.

Ref.	DW40-20		
DW40-20/2			
	Escutcheon Size: 48×48mm (Code: M1) only.		
Rated Thermal Current	A	20	
Rated Working Voltage	V	220V	380V
Rated Working Current			
AC-15	A	-	4A
AC-13	A	12A	-
DC-3	A	-	5A

Mechanical life without load: 0.3 × 106 times, operation frequency is 120 times/h.
Mechanical life with load: 0.05 × 106 times, operation frequency is 120 times/h.

Ref.	Model	Rated Thermal Current(A)	No. of Cells	Case Qty. (Pcs)	Item Code
DW40-20/2	DW40-20	20A	1	100	4402001
	DW40-20	20A	2	100	4402002
	DW40-20	20A	3	100	4402003
	DW40-20	20A	4	100	4402004
	DW40-20	20A	5	100	4402005



Note: n for number of cells.

• DIMENSION

