

● 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

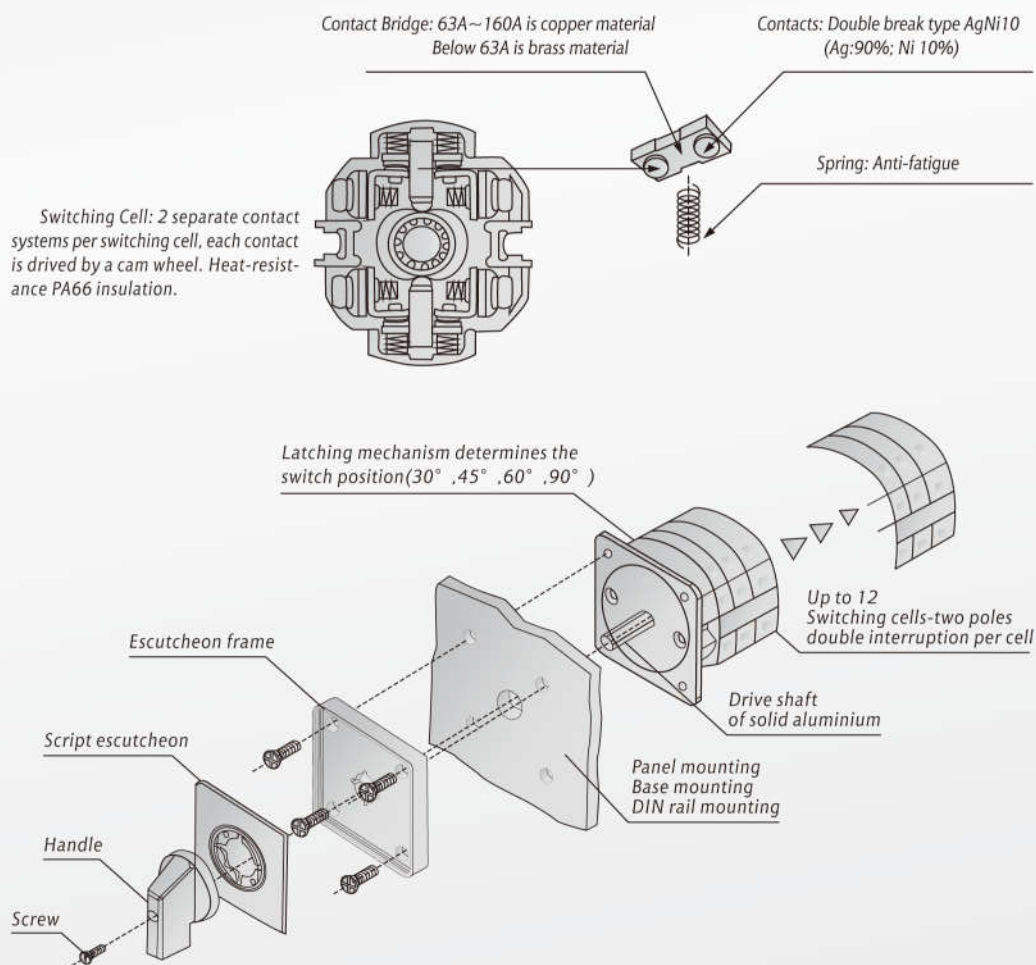
IEC60947-3; EN60947-3; VDE0660 part 107;
IEC60204; VDE0113; IEC60947-5-1; EN60204

● WHAT IS THE CAM SWITCH

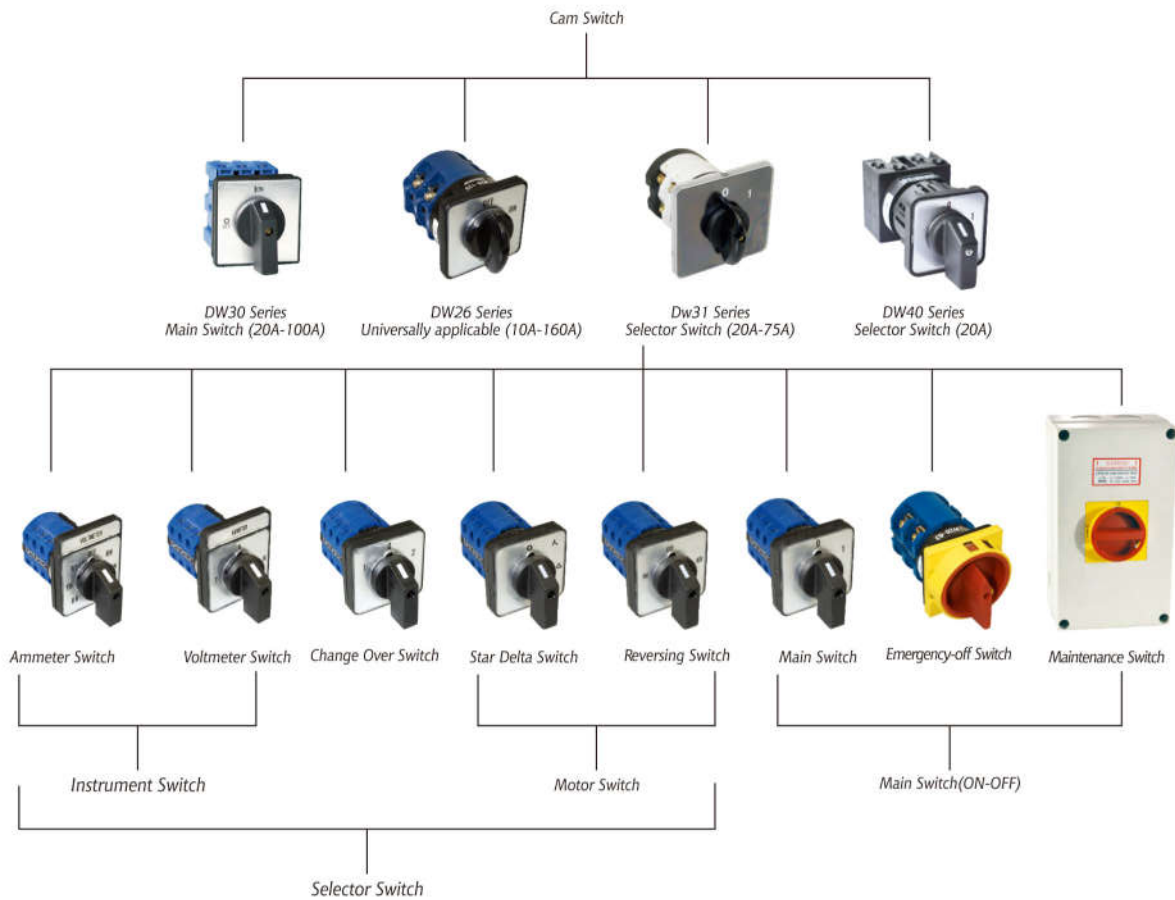
Cam switch is manual operated switch. Contactor and relay are used in controlling medium and high powered motors, but controlling low power motors is made by Cam Switches as they are simple and economic.

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 "operational 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



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 porpose 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
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Rated Thermal Current(A)	10A		20A		25A		32A	
Rated Insulating Voltage(V)	690V		690V		690V		690V	
Rated Working Voltage(A)	240V	440V	240V	440V	240V	440V	240V	440V

Rated Working Current(A)							
AC-21A AC-22A	2.5A	1.5A	5A	4A	8A	5A	
AC-23A	1.75A	1.75A	3.5A	3.5A	6.5A	6.5A	
AC-2	5.5A	5.5A	11A	11A	15A	15A	
AC-3	7.5A	7.5A	15A	15A	22A	22A	
AC-4	7.5A	7.5A	15A	15A	22A	22A	
AC-15	10A	10A	20A	20A	25A	25A	

Rated Control Power(KW)						
AC-4	0.37KW	0.55KW	3.7/2.5KW	7.5/3.7KW	5.5/3KW	11/5.5KW
AC-3	1.5KW	2.2KW	4KW	7.5KW	5.5KW	11KW
AC-2	2.5KW	3.7KW	3/2.2KW	5.5/3KW	4/3KW	7.5/3.7KW
AC-23A	1.8KW	3KW	0.55/0.75KW	1.5/1.5KW	1.5/1.1KW	3/2.2KW

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

Ref.

DW26-32F*

DW26-63

DW26-125

DW26-160



Rated Thermal Current(A)	32A		63A		125A		160A	
Rated Insulating Voltage(V)	690		630V		690V		690V	
Rated Working Voltage(A)	240V	440V	240V	440V	240V	440V	240V	440V

Rated Working Current(A)									
AC-21A AC-22A	14A	6A	-	-	-	-	-	-	-
AC-23A	11A	11A	15A	15A	30A	30A	95A	95A	
AC-2	22A	22A	36A	36A	75A	75A	95A	95A	
AC-3	30A	30A	57A	57A	90A	90A	135A	135A	
AC-4	30A	30A	57A	57A	90A	90A	135A	135A	
AC-15	32A	32A	63A	63A	100A	100A	150A	150A	

Rated Control Power(KW)									
AC-4	7.5/4KW	15/7.5KW	15/10KW	30/18.5KW	30/15KW	45/22KW	37/22KW	75/37KW	
AC-3	7.5KW	15KW	18.5KW	30KW	30KW	45KW	7.5KW	55KW	
AC-2	5.5/4KW	11/5.5KW	11/6KW	18.5/11KW	15/7.5KW	30/13KW	22/11KW	37/18.5KW	
AC-23A	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	

• 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 	☹	●	●	●	●	●	☹	☹

Note: our standard escutcheon angle is arc.



Means not available.



Means available.

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			M1/M2			M2/M3		M3	
	Red White Gray			●	●	●	●	●	●	●
+I	Black		M0	M1/M2			M2/M3		M3	
	Red White Gray Yellow			●	●	●	●	●	●	●
+F	Black		M0	M1/M2			M2			
	Red White Gray		●	●	●	●	●	●		
+L	Black			M2						
	Red White Gray			●	●	●	●	●		
+B	Black			M1/M2			M2			
	Red White Gray			●	●	●	●	●		
+P	Black			M2						
	Red White Gray			●	●	●	●	●		
+H	Black			M2						
	Red White Gray			●	●	●	●	●		
+K	Black			M2						
	Red White Gray			●	●	●	●	●		



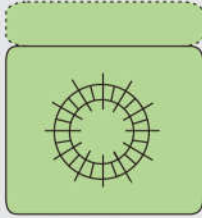
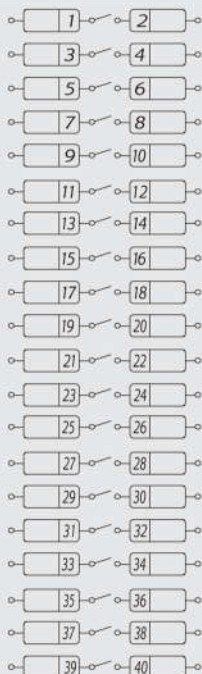
Means not available.



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.

 <p>Switching Angle: Switching Position: Escutcheon Size:</p>	Customer: Programme Code:	Date: Quantity:
	Utilization Category:	
	Switch Type:	Mounting:
	<input type="checkbox"/> R <input type="checkbox"/> I <input type="checkbox"/> F <input type="checkbox"/> B <input type="checkbox"/> S <input type="checkbox"/> L <input type="checkbox"/> P <input type="checkbox"/> K	
Thermal Current Rating:		
<input type="checkbox"/> 10A <input type="checkbox"/> 20A <input type="checkbox"/> 25A <input type="checkbox"/> 32A <input type="checkbox"/> 63A <input type="checkbox"/> 125A <input type="checkbox"/> 160A		
		
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.



| DW26-25/2 + NF003

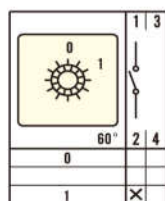


| DW26-20/3 + AK001

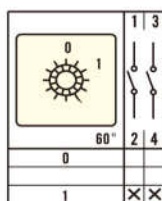


| DW26-20/3 + VN002

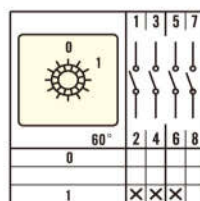
Model	Rated Thermal Current(A)	No. of Cells	Escutcheon Mark	Programme Code
DW26	10, 20, 25, 32, 63, 125, 160	1	0-1, ON-OFF	+ NF001
DW26		1		+ NF002
DW26		2		+ NF003
DW26		2		+ NF004



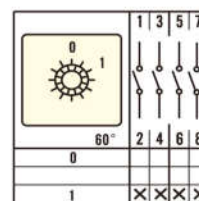
NF001



NF002



NF003



NF004

SELECTION OF INSTRUMENT SWITCH

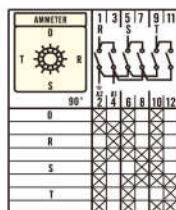
Instrument switch including Ammeter switch and Voltmeter switch. The Ammeter Switch is connected to an Ammeter, the purpose being monitoring of current in all the respective phases current R,Y,B. The Voltmeter Switch is connected to the Voltmeter, to measure Voltages between Phases (Line Voltages RY,YB,BR) 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.

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

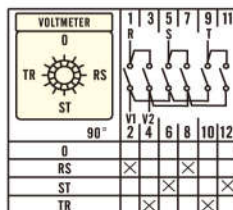
Ammeter Switch

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

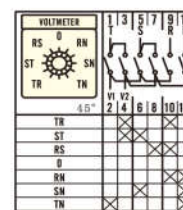
Voltmeter Switch



AK001



VN001



VN002

• 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.



| DW26GS-32/2 + NF004

2 Padlocks Maximum



| DW26SM

3 Padlock Maximum



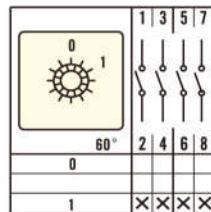
| DW26BM

3 Padlocks Maximum



| DW26SQ

Model	Rated Thermal Current (A)	No. of Cells	Programme Code
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.

Model	Rated Thermal Current (A)	No. of Cells	Case Qty. (Pcs)
DW26SM	20, 25	1	76
DW26SM		2	76
DW26SM		3	68
DW26BM	20, 25, 32, 63	1	30
DW26BM		2	30
DW26BM		3	30
DW26BM		4	30
DW26BM		5	30
DW26SQ	20, 25, 32, 63	2	12

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



DW26-20/3+RE005

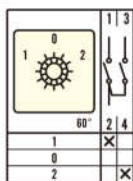


DW26-20/2+ST002

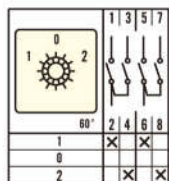


DW26-20/4+SD001

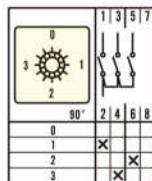
Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26	10, 20, 25, 32, 63, 125, 160A	1	+RE001
DW26		2	+RE002
DW26		2	+RE003
DW26		3	+RE004
DW26		3	+RE005
DW26		4	+RE006



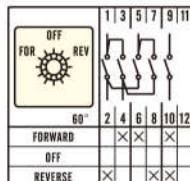
RE001



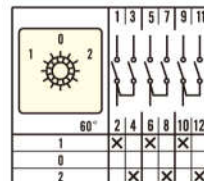
RE002



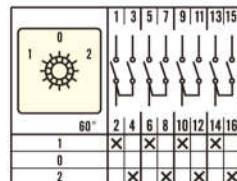
RE003



RE004



RE005



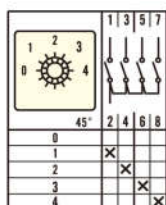
RE006

MULTI-STEP SWITCH

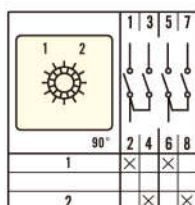
Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26	10, 20, 25, 32, 63, 125, 160	2	+ST001
DW26		2	+ST002
DW26		2	+ST003

STAR DELTA STARTER

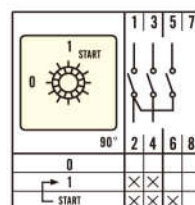
Model	Rated Thermal Current (A)	No. of Cells	Programme Code
DW26	10, 20, 25, 32, 63, 125, 160	4	+SD001



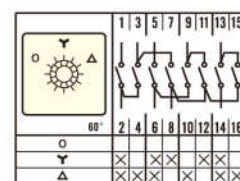
ST001



ST002

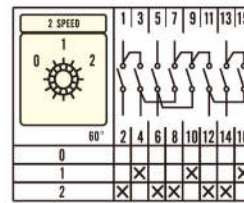
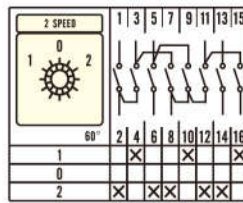


ST003



SD001

• MULTI-SPEED SWITCH



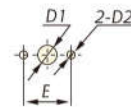
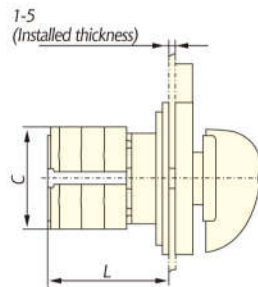
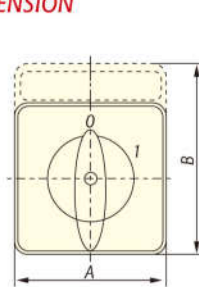
| DW26-20/4 + SP001

SP001

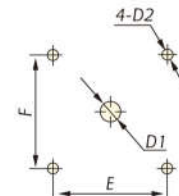
SP002

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

• DIMENSION



DW26-10 Installation



DW26-20~160 Installation

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
	RM2	64	80	43	25+9.6n	48	48	Φ10	Φ4.5
DW26-25	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
	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
DW26-32	M2	64	64	58	29.2+12.8n	48	48	Φ10	Φ4.5
	RM2	64	80	58	29.2+12.8n	48	48	Φ10	Φ4.5
DW26-32F	M1	48	48	48	23+14n	36	36	Φ8.5	Φ4.5
	RM1	48	60	48	23+14n	36	36	Φ8.5	Φ4.5
	M2	64	64	48	24.5+14n	48	48	Φ10	Φ4.5
	RM2	64	80	48	24.5+14n	48	48	Φ10	Φ4.5
DW26-63	M2	64	64	66	29.2+21.5n	48	48	Φ10	Φ4.5
	RM2	64	80	66	29.2+21.5n	48	48	Φ10	Φ4.5
	M3	88	88	66	29.2+21.5n	68	68	Φ10	Φ4.5
DW26-125	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.

+ 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

+ 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

+ 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

+ 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.

+ 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

+ 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-20/1-5
DW26N-25/1-3

+ V

DW26V

DIN Rail Adapter:



Snap-on mounting kit on DIN EN50022 rail 35mm.

DW26V-20
DW26V-25
DW26V-32F

+ W

DW26W

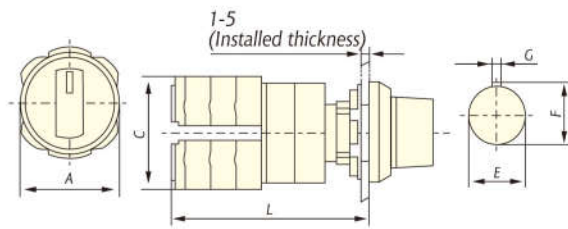
Base Mounting Kit:



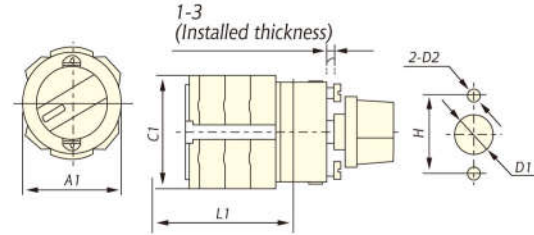
For screw mounting to the back wall or floor of distributor boxes, etc.

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

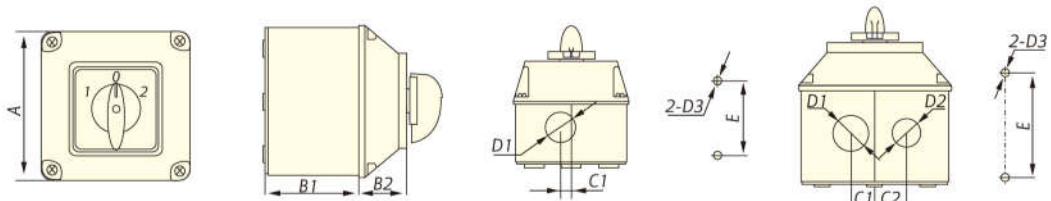
DW26O Model Single Hole Installation



DW26O Model Double Hole Installation



DW26BM/SM Model Protective Enclosure



DW26SM

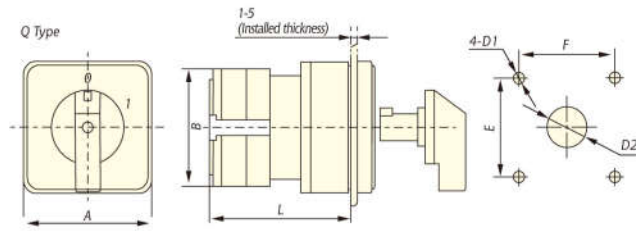
DW26BM

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

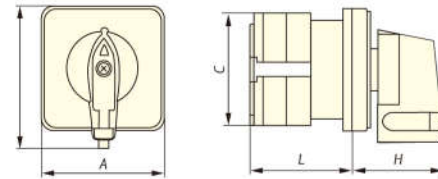
Note: n for number of cells.

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

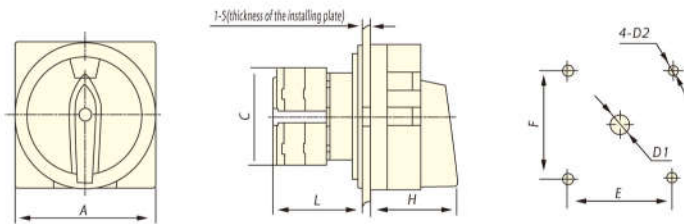
DW26Q Model Removable Key Drive Switch



DW26J Model Single-Padlock Device Switch



DW26GS Model Padlock Switch



Model	Escutcheon	Dimension(mm)						
		A	B	L	E	F	D1	D2
DW26Q-20	M1	48	43	$38 + 9.6n$	36	36	$\Phi 4.2$	$\Phi 15$
DW26Q-25	M1	48	45.2	$39 + 12.8n$	36	36	$\Phi 4.2$	$\Phi 15$
DW26Q-32F	M1	48	48	$39 + 14n$	36	36	$\Phi 4.2$	$\Phi 15$

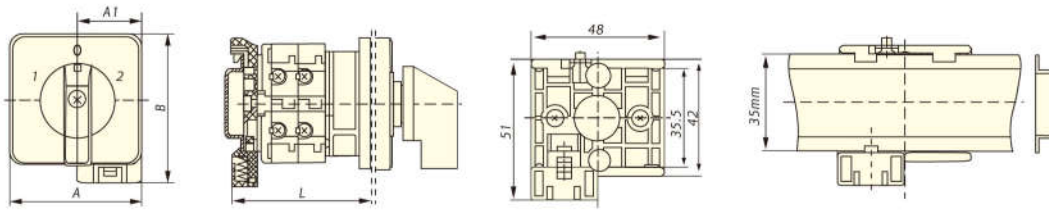
Note: n for number of cells.

Model	Escutcheon	Dimension(mm)							
		A	C	L	H	E	F	D1	D2
DW26GS-20	M1	45	43	42	33	36	36	8.5	4.5
DW26GS-20	M2	64	43	43	42	48	48	8.5	4.5
DW26GS-25	M1	48	45.2	50	33	36	36	8.5	4.5
DW26GS-25	M2	64	45.2	51	42	48	48	8.5	4.5
DW26GS-32	M2	64	58	55	42	48	48	10	4.5
DW26GS-32	M3	88	58	55	52	68	68	13	6
DW26GS-63	M2	64	66	72.5	42	48	48	10	4.5
DW26GS-63	M3	88	66	72.5	52	68	68	13	6
DW26GS-125	M3	88	84	88	52	68	68	13	6
DW26GS-160	M3	88	88	100	52	68	68	13	6

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	$\Phi 8.5$	$\Phi 4.5$
DW26J-25	□ 48	55	45.2	$25 + 12.8n$	36max	36	36	$\Phi 8.5$	$\Phi 4.5$
DW26J-32F	□ 48	55	48	$23 + 14n$	36max	36	36	$\Phi 8.5$	$\Phi 4.5$

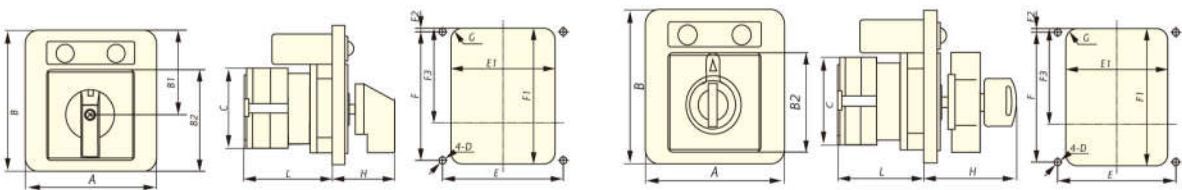
Note: n for number of cells.

DW26V Model DIN Rail Adapter



DW26Z Model Indicated Device Switch

DW26X Model Removable Key & Indicating Device Switch



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.

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.

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.

SELECTION OF SPECIAL VERSION

	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

+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.

+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

+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 maintenance and repair work. Three padlocks at most.

DW30G-20 DW30G-63
DW30G-32 DW30G-80
DW30G-40 DW30G-100
M2 Escutcheon available only.

+Y

DW30Y



Door Coupling Switch:

Door couplings are advisable for switchgear cabinets with hinged doors. Our shaft length is 15 cm, 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.

+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





DW30-40/3



DW30Y-32/3



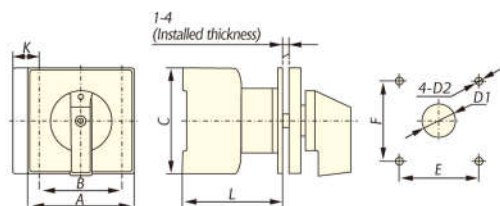
DW30G-32/3

Model	Rated Thermal Current (A)	No. of Poles	Case Qty.(Pcs)	Item Code
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

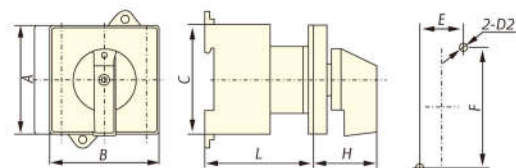
DW30Y-20/3	20	3P	32	4305203
DW30Y-20/4	20	4P	32	4305204
DW30Y-32/3	32	3P	32	4305323
DW30Y-32/4	32	4P	32	4305324
DW30Y-40/3	40	3P	32	4305403
DW30Y-40/4	40	4P	32	4305404
DW30Y-63/3	63	3P	32	4305633
DW30Y-63/4	63	4P	32	4305634
DW30Y-80/3	80	3P	24	4305803
DW30Y-80/4	80	4P	18	4305804
DW30Y-100/3	100	3P	24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

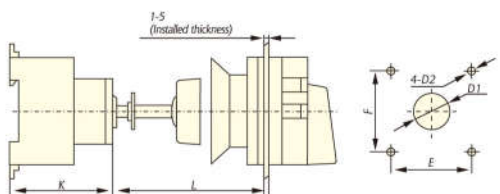
DW30 Model Main Switch



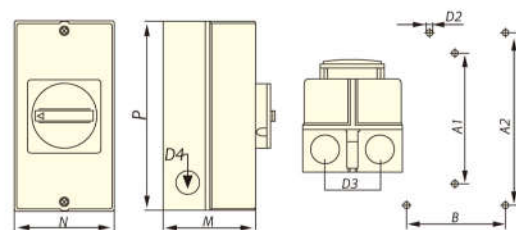
DW30S Model Single-Padlock Device Switch



DW30Y Model Door Coupling Switch



DW30G Model Protective Endosure



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

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.

Model	Dimension(mm)						
	K	Lmin	Lmax	E	F	D1	D2
DW30Y-20	50	32	150	48	48	Φ22	Φ4.2
DW30Y-32	50	32	150	48	48	Φ22	Φ4.2
DW30Y-40	61	32	150	48	48	Φ22	Φ4.2
DW30Y-63	61	32	150	48	48	Φ22	Φ4.2
DW30Y-80	68	32	150	48	48	Φ22	Φ4.2
DW30Y-100	68	32	150	48	48	Φ22	Φ4.2

Model	Dimension(mm)								
	D3	D4	M	N	P	A1	A2	B	D2
DW30G-20	Φ23	Φ19	85	83	160	150	-	-	Φ4.2
DW30G-32	Φ23	Φ19	85	83	160	150	-	-	Φ4.2
DW30G-40	Φ29	Φ23	100	95	190	178	-	-	Φ4.2
DW30G-63	Φ29	Φ23	100	95	190	178	-	-	Φ4.2
DW30G-80	Φ37.5	Φ23	144	105	250	-	229	124	Φ6.5
DW30G-100	Φ37.5	Φ23	144	105	250	-	229	124	Φ6.5

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 	☹	●	●	●	●



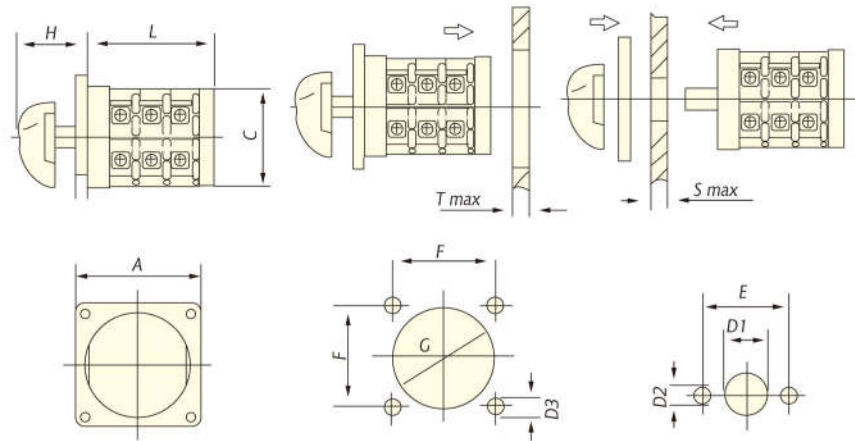
Means not available.



Means available.



DW31-20/2



Model	Rated Thermal Current(A)	No. of Cells	Case Qty.(Pcs)	Item Code
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

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.