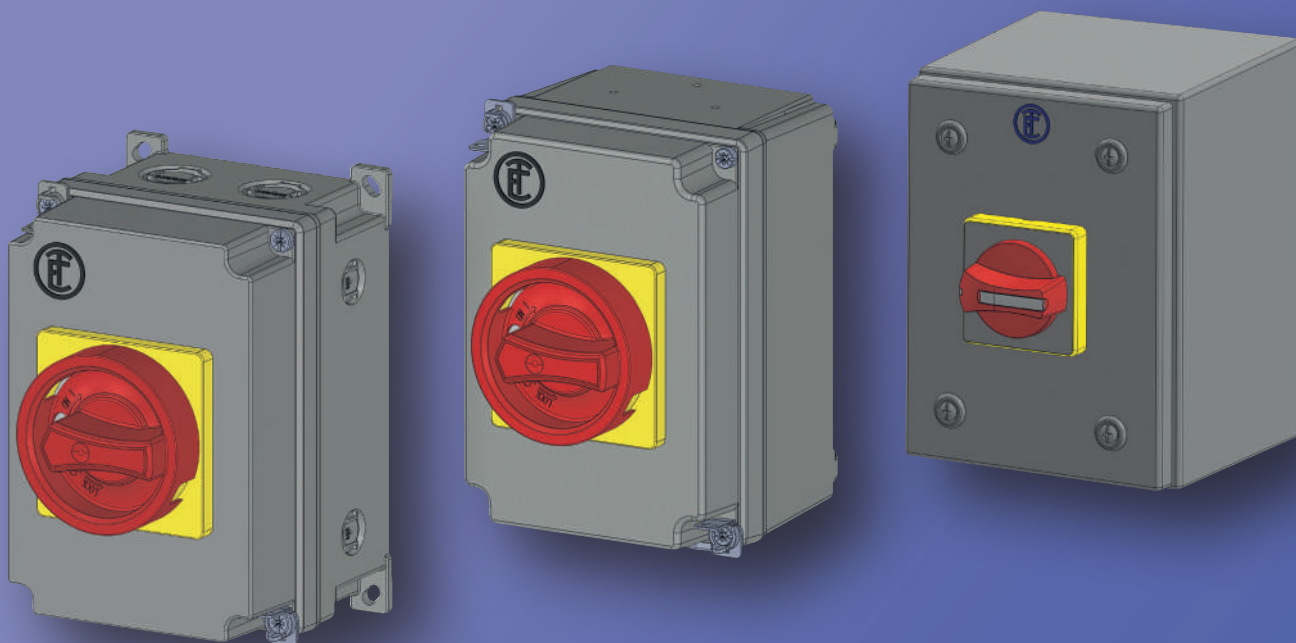


We switch power!



> Load break switches



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LOAD BREAK SWITCHES

DS-series

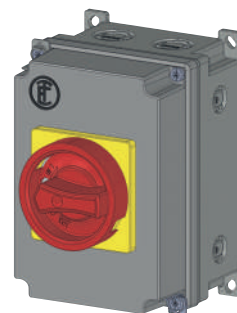
Load break switches in Polycarbonate enclosure

General information

- Series from 16 to 125A
- 3poles + PE & N terminal
- Black or yellow/red handle
- Triple lock in „Lock“ position
- Polycarbonate enclosure – RAL 7035
- Knock out cable entry holes
- Degree of Protection: IP67

Accessories:

- 4th pole switched (max.1), unswitches (max.1)
- NO/NC auxiliary contact (max.2)



Items

Rating (Amp)	No of poles	Type black handle	MOQ 500pcs Type yellow/red handle	Extra pole switched Neutral	Auxilliary contacts	Enclosure		
						Size	H x W x D (mm)	Cable-in top & bottom (mm)
16	3P+N	DS16-01/P	DS16-01/P-RG	DSPN1	DSAC11	P1	150 x 105 x 93	2x M25/M20 + M16
25	3P+N	DS25-01/P	DS25-01/P-RG					
32	3P+N	DS32-01/P	DS32-01/P-RG					
40	3P+N	DS40-01/P	DS40-01/P-RG					
63	3P+N	DS63-01/P	DS63-01/P-RG	DSPN2		P2	200 x 135 x 93	2x M32/M25 + M16
80	3P+N	DS80-01/P	DS80-01/P-RG					
100	3P+N	DS100-01/P	DS100-01/P-RG	DSPN3		P3	320 x 205 x120	2x M50/M40 + M16
125	3P+N	DS125-01/P	DS125-01/P-RG					

DS-series

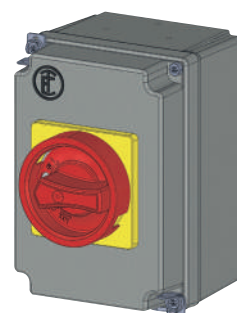
Load break switches in Aluminium enclosure

General information

- Series from 16 to 125A
- 3poles + PE & N terminal
- Black or yellow/red handle
- Triple lock in „Lock“ position
- Powder coated Aluminium enclosure – RAL 7035
- Pre-drilled cable entry holes on bottom
- Degree of Protection: IP67

Accessories:

- 4th pole switched (max.1), unswitches (max.1)
- NO/NC auxiliary contact (max.2)



Items

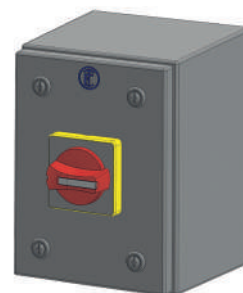
Rating (Amp)	No of poles	Type black handle	MOQ 500pcs Type yellow/red handle	Extra pole switched Neutral	Auxilliary contacts	Enclosure		
						Size	H x W x D (mm)	Cable-in bottom
16	3P+N	DS16-01/A	DS16-01/A-RG	DSPN1	DSAC11	A1	150 x 105 x 96	2x M25 + M16
25	3P+N	DS25-01/A	DS25-01/A-RG					
32	3P+N	DS32-01/A	DS32-01/A-RG					
40	3P+N	DS40-01/A	DS40-01/A-RG					
63	3P+N	DS63-01/A	DS63-01/A-RG	DSPN2		A2	200 x 135 x 96	2x M32 + M16
80	3P+N	DS80-01/A	DS80-01/A-RG					
100	3P+N	DS100-01/A	DS100-01/A-RG	DSPN3		A3	320 x 205 x125	2x M50 + M16
125	3P+N	DS125-01/A	DS125-01/A-RG					

DS-series

Load break switches in sheet steel enclosure

General information

- Series from 16 to 125A
- 3poles + PE & N terminal
- Silver/black or yellow/red handle
- Triple lock in „Lock“ position
- Powder coated Sheet Steel enclosure – RAL 7035
- Screw-on lid. Hinged cover on request available
- Pre-drilled cable entry holes on bottom
- Degree of Protection: IP65
- Accessories:**
 - 4th pole switched (max.1), unswitches (max.1)
 - NO/NC auxiliary contact (max.2)
 - Wall brackets



Items

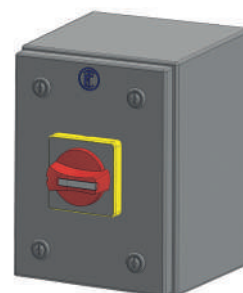
Rating (Amp)	No of poles	Type silver/black handle	MOQ 500pcs Type yellow/red handle	Extra pole switched Neutral	Auxilliary contacts	Enclosure							
						Size	H x W x D (mm)	Cable-in bottom (mm)					
16	3P+N	DS16-01/S	DS16-01/S-RG	DSPN1	DSAC11	S1	200 x 150 x 115	2x Ø32 + Ø 16					
25	3P+N	DS25-01/S	DS25-01/S-RG										
32	3P+N	DS32-01/S	DS32-01/S-RG										
40	3P+N	DS40-01/S	DS40-01/S-RG										
63	3P+N	DS63-01/S	DS63-01/S-RG	DSPN2		DSAC11	S1	200 x 150 x 115	2x Ø32 + Ø 16				
80	3P+N	DS80-01/S	DS80-01/S-RG										
100	3P+N	DS100-01/S	DS100-01/S-RG	DSPN3						DSAC11	S2	320 x 200 x 145	2x Ø50 + Ø 16
125	3P+N	DS125-01/S	DS125-01/S-RG										

DS-series

Load break switches in stainless steel enclosure

General information

- Series from 16 to 125A
- 3poles + PE & N terminal
- Silver/black or yellow/red handle
- Triple lock in „Lock“ position
- Brushed stainless steel enclosure 304
- Screw-on lid. Hinged cover on request available
- Pre-drilled cable entry holes on bottom
- Degree of Protection: IP65
- Accessories:**
 - 4th pole switched (max.1), unswitches (max.1)
 - NO/NC auxiliary contact (max.2)
 - Wall brackets



Items

Rating (Amp)	No of poles	Type silver/black handle	MOQ 500pcs Type yellow/red handle	Extra pole switched Neutral	Auxilliary contacts	Enclosure						
						Size	H x W x D (mm)	Cable-in bottom (mm)				
16	3P+N	DS16-01/E	DS16-01/E-RG	DSPN1	DSAC11	E1	200 x 150 x 115	2x Ø32 + Ø 16				
25	3P+N	DS25-01/E	DS25-01/E-RG									
32	3P+N	DS32-01/E	DS32-01/E-RG									
40	3P+N	DS40-01/E	DS40-01/E-RG									
63	3P+N	DS63-01/E	DS63-01/E-RG	DSPN2								
80	3P+N	DS80-01/E	DS80-01/E-RG									
100	3P+N	DS100-01/E	DS100-01/E-RG	DSPN3						E2	320 x 200 x 145	2x Ø50 + Ø 16
125	3P+N	DS125-01/E	DS125-01/E-RG									

DT-series

Load break switches in sheet steel enclosure

General information

- Series from 160 to 1000A
 - 3poles + PE & N terminal, 4poles + PE
 - Blue lever handle (yellow/red on request)
 - Triple lock in „OFF“ position
 - Powder coated Sheet Steel enclosure – RAL 7035
 - Hinged cover
 - Cable gland plates on bottom
 - Degree of Protection: IP65
- Accessories:**
- NO/NC auxiliary contact (max.2)
 - Wall brackets



Items

Rating (Amp)	No of poles	Type Blue lever handle	Enclosure		
			Size	H x W x D (mm)	Cable-in
160	3P+N	DT160-01/S	S3	400 x 300 x 200	Cable gland plate on bottom
160	4P	DT160-05/S			
200	3P+N	DT200-01/S			
200	4P	DT200-05/S			
250	3P+N	DT250-01/S			
250	4P	DT250-05/S			
315	3P+N	DT315-01/S	S4	600 x 400 x 200	Cable gland plate on bottom
315	4P	DT315-05/S			
400	3P+N	DT400-01/S			
400	4P	DT400-05/S			
630	3P+N	DT630-01/S			
630	4P	DT630-05/S			
800	3P+N	DT800-01/S	S5	800 x 600 x 300	Cable gland plate on bottom
800	4P	DT800-05/S			
1000	3P+N	DT1000-01/S			
1000	4P	DT1000-05/S			

DS-series

Technical data as per IEC 60947-3

Switch series			DS16	DS25	DS32	DS40	DS63	DS80	DS100	DS125
AC-21A/B										
Rated operating current	I _e		16A	25A	32A	40A	63A	80A	100A	125A
Rated operating voltage	U _e		690V~	690V~	690V~	690V~	690V~	690V~	690V~	690V~
AC-22A/B										
Rated operating current	I _e	415V~	16A	25A	32A	40A	63A	80A	100A	125A
		500V~	16A	20A	25A	32A	63A	63A	80A	100A
		690V~	16A	20A	25A	25A	40A	40A	63A	63A
AC-23A/B										
Rated operating power (3~)		415V~	7,5kW	11kW	15kW	18,5kW	30kW	37kW	45kW	55kW
Rated opearational current		415V~	16A	25A	32A	40A	63A	80A	100A	125A
Terminal cross area			0,75- 10mm ²				1,5- 35mm ²		10- 70mm ²	
Rated impuls withstand voltage	U _{imp}		8kV							
Mechanical life span			40000 operations							
Electrical life span			20000 operations							
Ambient temperature			operation -25 +55° C				storage -40 ... +70° C			

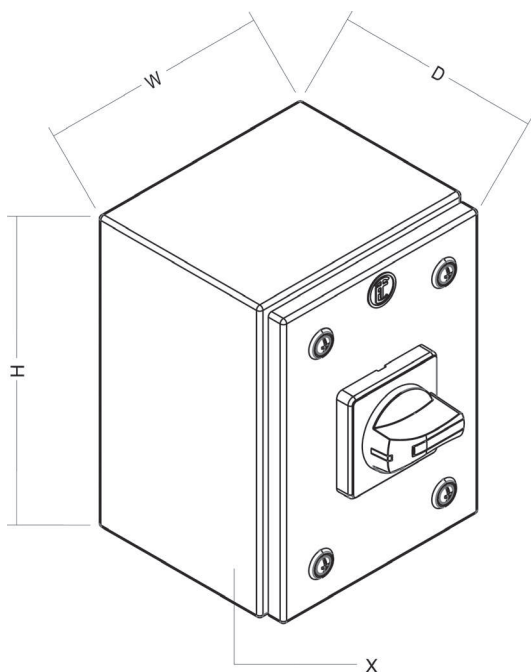
DT-series

Technical data as per IEC 60947-3

Switch series			DT160	DT200	DT250	DT315	DT400	DT630	DT800	DT1000
AC-21A										
Rated operating current	I_e		160A	200A	250A	315A	400A	630A	800A	1000A
Rated operating voltage	U_e		690V~	690V~	690V~	690V~	690V~	690V~	690V~	690V~
AC-23A										
Rated operating power (3~)		400V~	69kW	88kW	138kW	174kW	221kW	349kW	443kW	554kW
Rated operational current		400V~	160A	160A	250A	315A	400A	630A	800A	1000A
Terminal cross area			95mm ²	120mm ²	185mm ²	185mm ²	240mm ²	2x240mm ²	2x240mm ²	2x300mm ²
Mechanical life span (operations)			30000	30000	20000	20000	20000	10000	10000	10000

LOAD BREAK SWITCHES

Dimensions



Enclosure size	H x W x D (mm)					X
A1	150 x 105 x 96					2x M25 + M16
A2	200 x 135 x 96					2x M32 + M16
A3	320 x 205 x 125					2x M50 + M16
E1	200 x 150 x 115					2x Ø32 + Ø 16
E2	320 x 200 x 145					2x Ø50 + Ø 16
P1	150 x 105 x 93					2xM20/M25 + M16
P2	200 x 135 x 93					2xM32/M25 + M16
P3	320 x 205 x 120					2xM50/M40 + M16
S1	200 x150 x 115					2x Ø32 + Ø 16
S2	320 x 200 x 145					2x Ø50 + Ø 16
S3	400 x 300 x 200					Cable gland plate
S4	600 x 400 x200					Cable gland plate
S5	800 x 600 x 300					Cable gland plate
						Knock-out



ELEKTRA
TAILFINGEN
SCHALTGERÄTE



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