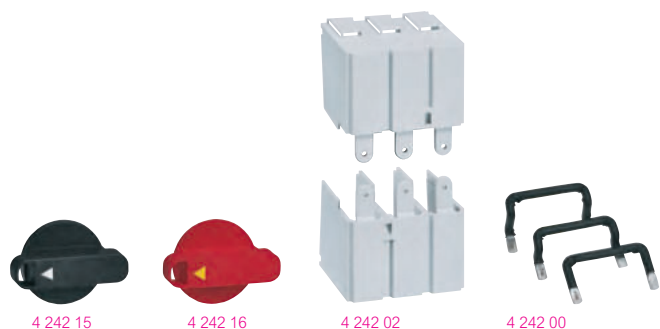


# DSX switch-disconnectors and transfer switching equipment - rail mounting version - accessories

# DSX switch-disconnectors and transfer switching equipment - technical characteristics



Pack	Cat.Nos	Rotary handles
		For front operation
1	4 242 15	<b>Direct handles for switch-disconnectors</b>
1	4 242 16	Standard (black)
		For emergency use (red)
		<b>Direct handles for transfer switching equipment</b>
1	4 242 17	Standard (black)
1	4 242 18	For emergency use (red)
		<b>Vari-depth handles for switch-disconnectors and transfer switching equipment</b>
		IP 55 external handles
		Comprising: connection rod, bracket, self-adhesive drilling template, mounting accessories and door lock mechanism
		Padlockable in open position (up to 3 padlocks Ø 8 mm)
1	4 242 09	Standard (black)
1	4 242 10	For emergency use (red/yellow)
		<b>Sealable terminal shields - IP 30</b>
		For DSX switch-disconnectors and transfer switching equipment
		Set of 2
1	4 242 03	<b>For frame 1</b>
1	4 242 02	For 1-pole switches
		For 3-pole switches
1	4 242 14	<b>For frame 2</b>
1	4 242 13	For 1-pole switches
		For 3-pole switches
		<b>Bridging links for transfer switching equipment</b>
		<b>For frame 1</b>
1	4 242 00	For 3-pole switches. Set of 3
1	4 242 01	For 4-pole switches. Set of 4
		<b>For frame 2</b>
1	4 242 11	For 3-pole switches. Set of 3
1	4 242 12	For 4-pole switches. Set of 4

## Technical characteristics

### Switch-disconnectors

	Frame 1 - 63 A				
	32	40	63		
Rated current In (A)	32	40	63		
Number of poles	3, 4				
Rated insulation voltage Ui (V)	690				
Rated impulse withstand voltage Uimp (kV)	8				
Degree of pollution	3				
Rated frequency (Hz)	50/60				
Dielectric strength 50 Hz 1 min (kV)	6				
Rated operational voltage (AC) Ue (V)	690				
Rated operational voltage (DC) Ue (V)	250				
Category of use IEC 60947-3:	415 V~	AC 20 A/B	32	40	63
		AC 21 A/B	32	40	63
		AC 22 A/B	32	40	63
	500 V~	AC 23 A/B	32	40	63
		AC 20 A/B	32	40	63
		AC 21 A/B	32	40	63
	690 V~	AC 22 A/B	32	40	63
		AC 20 A/B	25	25	25
		AC 21 A/B	32	40	63
	250 V=	DC 20 A/B	25	25	25
		DC 21 A/B	32	40	63
		DC 22 A/B	32	40	40
	DC 23 A/B	25	25	25	
Short circuit making capacity Icm (kA)	2,1 peak				
Maximal withstand peak current (while protection breaks short circuit) (kA)	3 kArms at 415 V with DRX 125 A MCCB				
Short time withstand current (1 s) Icw (kA)	1,5				
Mechanical endurance (No. of operations)	12000				
Electrical endurance (No. of operations)	2000				
Rated Ambient temperature Ta (°C)	40/50				
Operating temperature range (°C)	-25/+70				
Storage temperature range (°C)	-25/+70				
Terminal type	Cage				
Maximal copper or aluminium cable mm²	25				

### Transfer switching equipment

	Frame 1 - 63 A				
	32	40	63		
Rated current In (A)	32	40	63		
Number of poles	3, 4				
Rated insulation voltage Ui (V)	690				
Rated impulse withstand voltage Uimp (kV)	8				
Degree of pollution	3				
Rated frequency (Hz)	50/60				
Dielectric strength 50 Hz 1 min (kV)	6				
Rated operational voltage (AC) Ue (V)	690				
Rated operational voltage (DC) Ue (V)	250				
Category of use IEC 60947-3:	415 V~	AC 20 A/B	32	40	63
		AC 21 A/B	32	40	63
		AC 22 A/B	32	40	63
	500 V~	AC 23 A/B	32	40	63
		AC 20 A/B	32	40	63
		AC 21 A/B	32	40	63
	690 V~	AC 22 A/B	32	40	63
		AC 20 A/B	25	25	25
		AC 21 A/B	32	40	63
	250 V=	DC 20 A/B	25	25	25
		DC 21 A/B	32	40	63
		DC 22 A/B	32	40	40
	DC 23 A/B	25	25	25	
Category of use IEC 60947-6-1:	415 V~	AC 31 B	32	40	63
		AC 32 B	32	40	63
		AC 33 B	32	40	63
	690 V~	AC 31 B	32	40	63
		AC 32 B	32	40	63
		AC 33 B	32	40	40
Short circuit making capacity Icm (kA) IEC 60947-3	2,1 peak				
Short circuit making capacity Icm (kA) IEC 60947-6-1	2,1 peak				
Maximal withstand peak current (while protection breaks short circuit) (kA)	3 kArms at 415 V with DRX 125 A MCCB				
Short time withstand current (1 s) Icw (kA)	1,5				
Short time withstand current (100 ms, 415 V) Icw (kA) IEC 60947-6-1	5 kA for 30 ms				
Mechanical endurance (No. of operations)	10000				
Electrical endurance (No. of operations)	2000				
Rated Ambient temperature Ta (°C)	40/50				
Operating temperature range (°C)	-25/+70				
Storage temperature range (°C)	-25/+70				
Terminal type	Cage				
Maximal copper or aluminium cable mm²	25				



Technical information for Frame 2 DSX rail mounting  
Please, consult us