

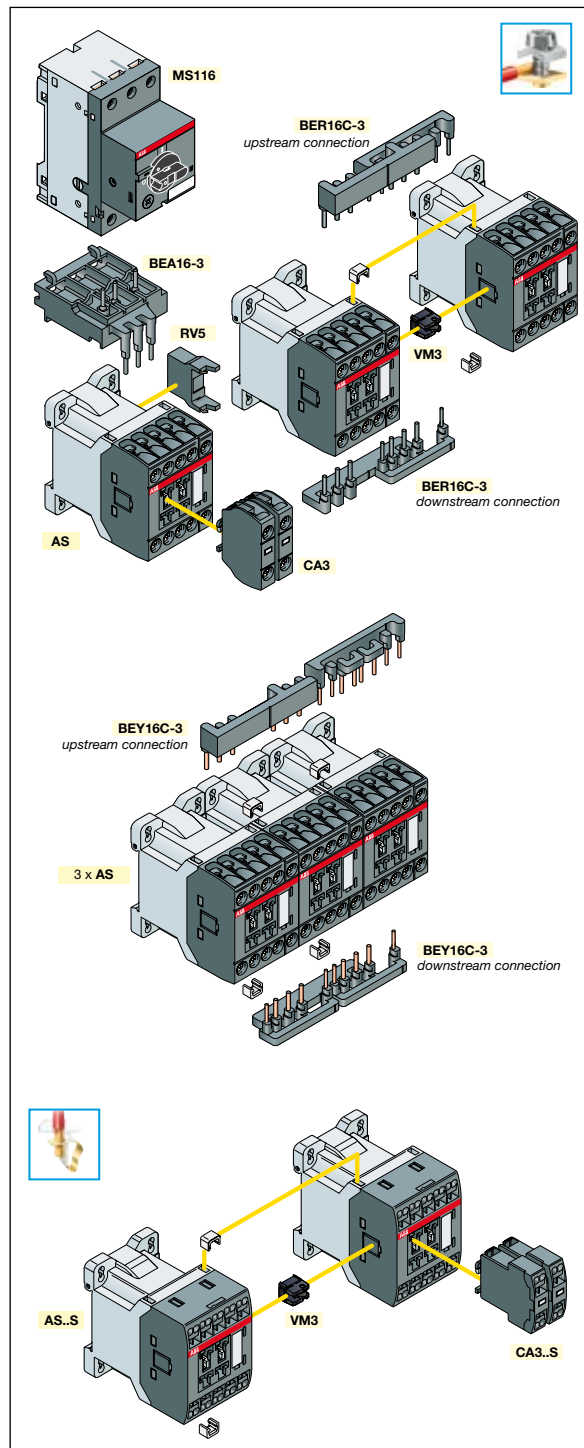
AS and ASL Contactors

Main Accessories

Accessory Fitting Details

Control circuit	Contactor types	Main poles	Available auxiliary contacts
AC operated	 AS09, AS12, AS16	3 0	1 0
	 AS09..S, AS12..S, AS16..S	3 0	0 1
	 ASL09, ASL12, ASL16	3 0	1 0
DC operated	 ASL09..S, ASL12..S, ASL16..S	3 0	0 1
		3 0	1 0
		3 0	0 1

Front-mounted accessories		Side-mounted accessories			
1-pole auxiliary contacts		Mechanical interlock unit		Surge suppressors	
1 or 2 CA3	+	VM3	+	RV5	or RC5-1
1 or 2 CA3..S	+	VM3	+	RV5	or RC5-1
1 or 2 CA3	+	VM3	+	RV5	or RT5
1 or 2 CA3..S	+	VM3	+	RV5	or RT5



Ordering Details for Add-on Accessories

1-pole Auxiliary Contact Blocks

Contactors	Contact blocks	Type	Order code	Pack ^(ing) pieces	Weight kg (1 pce)
AS, ASL	1 -	CA3-10	1SBN 011 010 T1010	10	0.011
	- 1	CA3-01	1SBN 011 010 T1001	10	0.011
	1 -	CA3-10-M	1SBN 011 010 M1010	100	0.011
	- 1	CA3-01-M	1SBN 011 010 M1001	100	0.011
AS..S, ASL..S	1 -	CA3-10S	1SBN 011 019 T1010	10	0.011
	- 1	CA3-01S	1SBN 011 019 T1001	10	0.011

Surge Suppressors

Contactors	Control voltage V	Type	Order code	Pack ^(ing) pieces	Weight kg (1 pce)
AS, ASL, AS..S, ASL..S	24...50	RV5/50	1SBN 050 010 R1000	2	0.015
	50...133	RV5/133	1SBN 050 010 R1001	2	0.015
	110...250	RV5/250	1SBN 050 010 R1002	2	0.015
	250...440	RV5/440	1SBN 050 010 R1003	2	0.015
AS, AS..S	24...50	RC5-1/50	1SBN 050 100 R1000	2	0.012
	50...133	RC5-1/133	1SBN 050 100 R1001	2	0.012
	110...250	RC5-1/250	1SBN 050 100 R1002	2	0.012
	250...440	RC5-1/440	1SBN 050 100 R1003	2	0.012
ASL, ASL..S	12...32	RT5/32	1SBN 050 020 R1000	2	0.015
	25...65	RT5/65	1SBN 050 020 R1001	2	0.015
	50...90	RT5/90	1SBN 050 020 R1002	2	0.015
	77...150	RT5/150	1SBN 050 020 R1003	2	0.015
	150...264	RT5/264	1SBN 050 020 R1004	2	0.015

Mechanical Interlock Unit

Contactors	Type	Order code	Pack ^(ing) pieces	Weight kg (1 pce)
Left	Right			
AS	AS	VM3	1SBN 031 005 T1000	10 0.002
AS..S	AS..S			
ASL	ASL			
ASL..S	ASL..S			

Connecting Link for Manual Motor Starter

Contactors with screw terminals	MMS type	Type	Order code	Pack ^(ing) pieces	Weight kg (1 pce)
AS, ASL	MS116	BEA16-3	1SBN 081 006 T1000	10	0.019

Connection Set for Reversing Starter

Contactors with screw terminals	Mechanical interlock unit	Type	Order code	Pack ^(ing) set	Weight kg (1 set)
2xAS	with or without	BER16C-3	1SBN 081 012 R1000	1	0.035
2xASL	VM3				

Note: BER16C-3 connection set includes two BB3 fixing clips, and an electrical interlocking when fitted on contactors with built-in N.C. auxiliary contacts. BER16C-3 can be used with or without VM3 mechanical interlock unit.

Connection Set for Star-Delta Starter

Contactors with screw terminals	Mechanical interlock unit between Star & Delta contactors	Type	Order code	Pack ^(ing) set	Weight kg (1 set)
AS09 AS09 AS09	with or without	BEY16C-3	1SBN 081 018 R2000	1	0.041
AS12 AS12 AS09	VM3				

Note: BEY16C-3 connection set includes four BB3 fixing clips, and an electrical interlocking when fitted on Star and Delta contactors with built-in N.C. auxiliary contacts. BEY16C-3 can be used with or without VM3 mechanical interlock unit.

NS and NSL Contactor Relays

Main Accessories

Accessory Fitting Details

Contactor relay types		Built-in contacts		Front-mounted accessories	Side-mounted accessories
		1 st stack	2 nd stack		
AC operated	DC operated			1-pole auxiliary contacts	Surge suppressors
				1 or 2 CA3	
NS22E	NSL22E	2 2	- -		
NS31E	NSL31E	3 1	- -		
NS40E	NSL40E	4 0	- -		
NS44E	NSL44E	4 0	0 4		
NS53E	NSL53E	4 0	1 3		
NS62E	NSL62E	4 0	2 2		
NS71E	NSL71E	4 0	3 1		
NS80E	NSL80E	4 0	4 0		
				1 or 2 CA3..S	
NS22ES	NSL22ES	2 2	- -		
NS31ES	NSL31ES	3 1	- -		
NS40ES	NSL40ES	4 0	- -		
NS44ES	NSL44ES	4 0	0 4		
NS53ES	NSL53ES	4 0	1 3		
NS62ES	NSL62ES	4 0	2 2		
NS71ES	NSL71ES	4 0	3 1		
NS80ES	NSL80ES	4 0	4 0		

Ordering Details for Add-on Accessories

1-pole Auxiliary Contact Blocks

Contactor relays	Contact blocks	Type	Order code	Pack ^(ing) pieces	Weight kg (1 pce)
NS, NSL	1 -	CA3-10	1SBN 011 010 T1010	10	0.011
	- 1	CA3-01	1SBN 011 010 T1001	10	0.011
	1 -	CA3-10-M	1SBN 011 010 M1010	100	0.011
	- 1	CA3-01-M	1SBN 011 010 M1001	100	0.011
NS..S, NSL..S	1 -	CA3-10S	1SBN 011 019 T1010	10	0.011
	- 1	CA3-01S	1SBN 011 019 T1001	10	0.011

Surge Suppressors

Contactor relays	Control voltage V	Type	Order code	Pack ^(ing) pieces	Weight kg (1 pce)
NS, NSL, NS..S, NSL..S	24...50	AC	RV5/50	1SBN 050 010 R1000	2 0.015
	50...133		RV5/133	1SBN 050 010 R1001	2 0.015
	110...250		RV5/250	1SBN 050 010 R1002	2 0.015
	250...440		RV5/440	1SBN 050 010 R1003	2 0.015
NS, NS..S	24...50	AC	RC5-1/50	1SBN 050 100 R1000	2 0.012
	50...133		RC5-1/133	1SBN 050 100 R1001	2 0.012
	110...250		RC5-1/250	1SBN 050 100 R1002	2 0.012
	250...440		RC5-1/440	1SBN 050 100 R1003	2 0.012
NSL, NSL..S	12...32	DC	RT5/32	1SBN 050 020 R1000	2 0.015
	25...65		RT5/65	1SBN 050 020 R1001	2 0.015
	50...90		RT5/90	1SBN 050 020 R1002	2 0.015
	77...150		RT5/150	1SBN 050 020 R1003	2 0.015
	150...264		RT5/264	1SBN 050 020 R1004	2 0.015

