

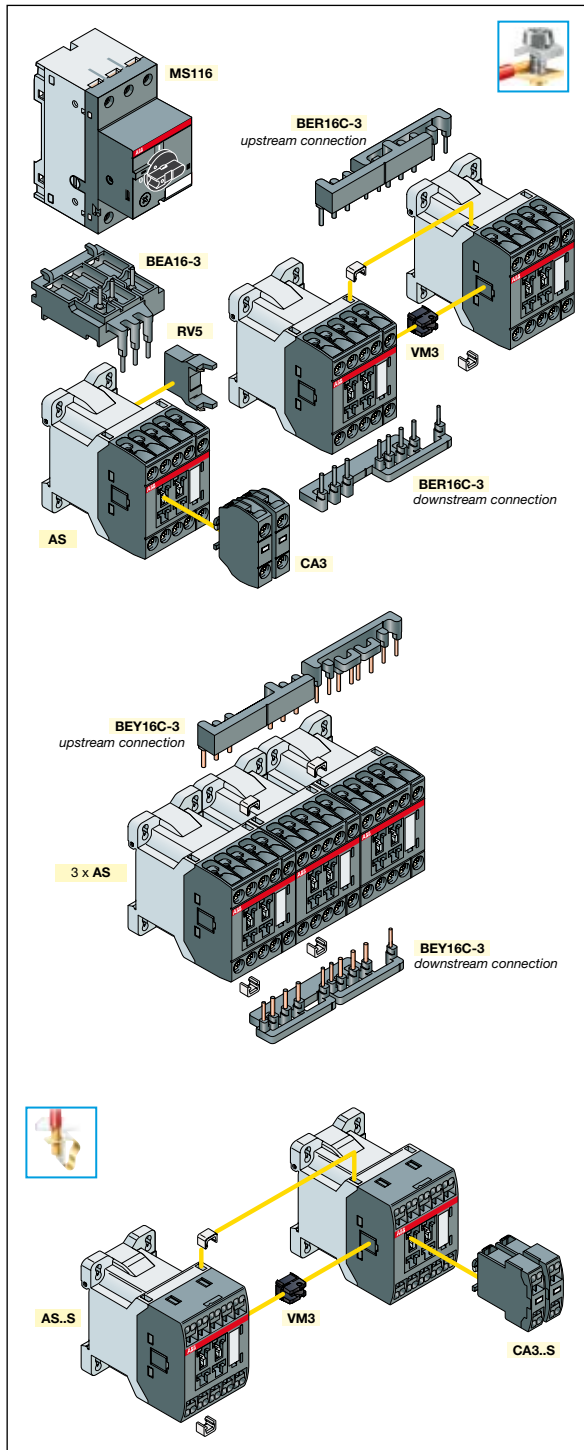
# AS and ASL Contactors

## Main Accessories

### Accessory Fitting Details

Control circuit	Contactor types	Main poles		Available auxiliary contacts	
		3	0	1	0
AC operated	AS09, AS12, AS16	3	0	1	0
	AS09..S, AS12..S, AS16..S	3	0	0	1
DC operated	ASL09, ASL12, ASL16	3	0	1	0
	ASL09..S, ASL12..S, ASL16..S	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 <sup>(ing)</sup> pieces	Weight kg (1 pce)
AS, ASL	1	-	CA3-10	10	0.011
	-	1	CA3-01	10	0.011
	1	-	CA3-10-M	100	0.011
	-	1	CA3-01-M	100	0.011
AS..S, ASL..S	1	-	CA3-10S	10	0.011
	-	1	CA3-01S	10	0.011

#### Surge Suppressors

Contactors	Control voltage V	Type	Order code	Pack <sup>(ing)</sup> pieces	Weight kg (1 pce)
AS, ASL, AS..S, ASL..S	24...50	AC	RV5/50	2	0.015
	50...133	AC	RV5/133	2	0.015
	110...250	DC	RV5/250	2	0.015
	250...440	DC	RV5/440	2	0.015
AS, AS..S	24...50	AC	RC5-1/50	2	0.012
	50...133	AC	RC5-1/133	2	0.012
	110...250	AC	RC5-1/250	2	0.012
	250...440	AC	RC5-1/440	2	0.012
ASL, ASL..S	12...32	DC	RT5/32	2	0.015
	25...65	DC	RT5/65	2	0.015
	50...90	DC	RT5/90	2	0.015
	77...150	DC	RT5/150	2	0.015
	150...264	DC	RT5/264	2	0.015

#### Mechanical Interlock Unit

Contactors	Type	Order code	Pack <sup>(ing)</sup> pieces	Weight kg (1 pce)
Left	Right			
AS	AS			
AS..S	AS..S			
ASL	ASL			
ASL..S	ASL..S	VM3	1SNB 031 005 T1000	10 0.002

#### Connecting Link for Manual Motor Starter

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

#### Connection Set for Reversing Starter

Contactors with screw terminals	Mechanical interlock unit	Type	Order code	Pack <sup>(ing)</sup> set	Weight kg (1 set)
2xAS	with or without	BER16C-3	1SNB 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 <sup>(ing)</sup> set	Weight kg (1 set)
AS09 AS09 AS09	with or without	BEY16C-3	1SNB 081 018 R2000	1	0.041
AS12 AS12 AS09	VM3				

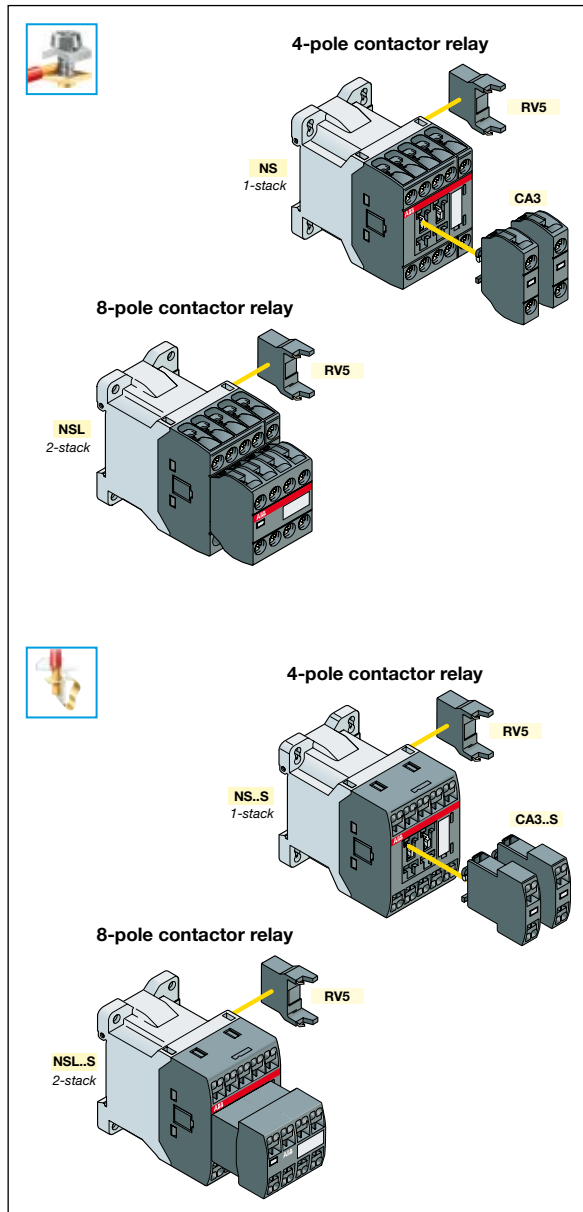
Note: BEY16C-3 connection set includes four BB3 fixing clips, and an electrical interlocking when fitted on Star and Delta contactors with built-in N.C. auxiliary contacts. BEY16C-3 can be used with or without VM3 mechanical interlock unit.

# NS and NSL Contactor Relays

## Main Accessories

### Accessory Fitting Details

Contactor relay types		Built-in contacts		Front-mounted accessories	Side-mounted accessories
AC operated	DC operated	1 <sup>st</sup> stack	2 <sup>nd</sup> stack	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 <sup>(ing)</sup> pieces	Weight kg (1 pce)
	1	-	CA3-10	10	0.011
	-	1	CA3-01	10	0.011
NS, NSL	1	-	CA3-10-M	100	0.011
	-	1	CA3-01-M	100	0.011
NS..S, NSL..S	1	-	CA3-10S	10	0.011
	-	1	CA3-01S	10	0.011

#### Surge Suppressors

Contactor relays	Control voltage V	Type	Order code	Pack <sup>(ing)</sup> pieces	Weight kg (1 pce)
NS,	24...50	AC	RV5/50	2	0.015
NSL,	50...133		RV5/133	2	0.015
NS..S,	110...250		RV5/250	2	0.015
NSL..S	250...440		RV5/440	2	0.015
	24..50	AC	RC5-1/50	2	0.012
NS,	50...133		RC5-1/133	2	0.012
NS..S	110...250		RC5-1/250	2	0.012
	250...440		RC5-1/440	2	0.012
	12...32	DC	RT5/32	2	0.015
NSL,	25...65		RT5/65	2	0.015
NSL..S	50...90		RT5/90	2	0.015
	77...150		RT5/150	2	0.015
	150...264		RT5/264	2	0.015