

PSR – The compact range

Accessories



Connection kit

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSR3...PSR16 with MS116	PSR16-MS116	1	0.030 (0.07)
PSR25...PSR30 with MS132	PSR30-MS132	1	0.030 (0.07)
PSR37...PSR45 with MS450	PSR45-MS450	1	0.030 (0.07)
PSR60...PSR105 with MS495	PSR105-MS495	1	0.050 (0.11)

Fan

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSR3...PSR45	PSR-FAN	1	0.010 (0.02)
PSR60...PSR105	PSR-FAN 60-105 A	1	0.013 (0.03)

Terminal enlargements

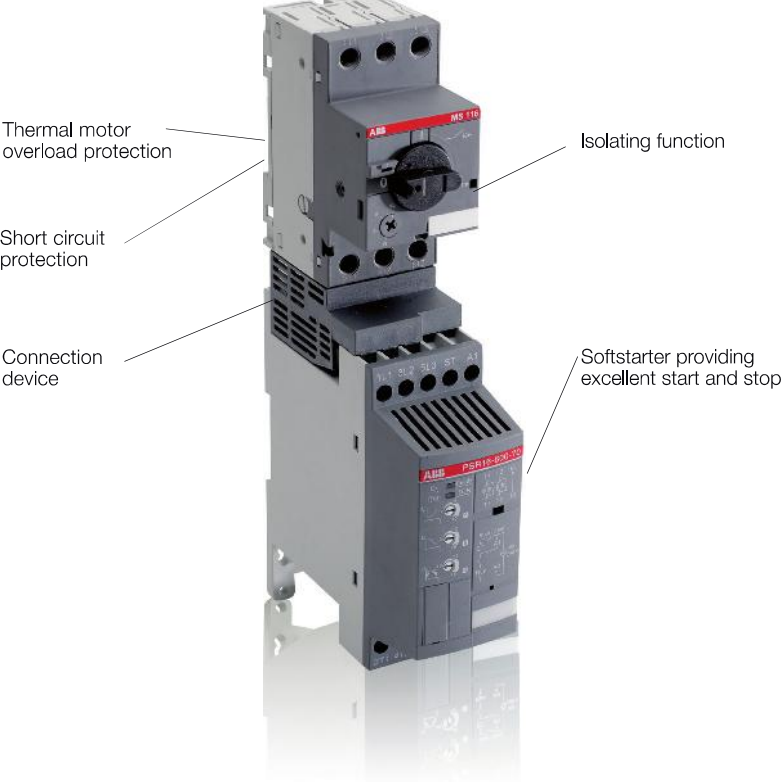
For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSR60...105 Wire range mm2 1x10...50, 2x10...25	PSLW-72	1	0.150 (0.33)

FieldBus plug connection accessory

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
The same accessory for all sizes	PS-FBPA	1	0.060 (0.13)

ABB Field Bus Plug suitable for all sizes. See page 38-41

Connection kit



PSE – The efficient range

Accessories



ATK...



LW...



LE185



LT ... -AL



PSEEK



PS-FBPA

Cable connectors for Al and Cu cables

For softstarter type	Wire range mm ² (AWG)	Tightening torque max. Nm (lb-in)	Part number ^{1) 2)}	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSE142 ... 170	25-150 (4 AWG - 300 MCM)	13,5 (275 lb-in)	ATK185	3	0.100 (0.220)
PSE210 ... 370	25-185 (4 AWG - 400 MCM)	43 (375 lb-in)	ATK300	3	0.168 (0.370)
PSE210 ... 370	2 x 25-240 (2 x 4 AWG - 500 MCM)	43 (375 lb-in)	ATK300/2	3	0.434 (0.957)

Terminal enlargements

For softstarter type	Dimensions hole ø mm (in)	bar mm (in)	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSE142...170	10.5 (0.413)	20 x 5 (0.787 x 0.197)	LW185	1	0.450 (0.992)
PSE210...370	13 (0.512)	40 x 6 (1.575 x 0.236)	LW300	1	1.230 (2.712)

Terminal nut washer kits ¹⁾

For softstarter type	Req. qty	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSE142...170	2	LE185	2	0.200 (0.441)
PSE210...370	2	LE300	2	0.300 (0.661)

Terminal shrouds

For softstarter type	Suitable for	Req. qty	Part number ³⁾	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSE142...170	Compression lugs	2	LT185-AL	2	0.220 (0.485)
PSE210...370	Compression lugs	2	LT300-AL	2	0.280 (0.617)

External keypad including a 3m cable

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PSE18...370	PSEEK	1	-

Fieldbus plug connection accessory

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
The same accessory for all sizes	PS-FBPA	1	0.060 (0.132)

¹⁾ The terminal nut washer kits come standard with the PSE unit.

²⁾ Two lug sets are needed per PSE.

³⁾ The LT300-AL is not compatible with ATK300/2 cable connector.

PST(B) – The advanced range

Accessories

Terminal lug kits for Al and Cu cables

For PST(B)85...1050 without external bypass (line/load lugs and terminal nut washer)

For softstarter type	Wire range AWG	Tightening torque max. Nm (lb-in)	Part number	Pack ^{ing} piece
PST85...142	#4 - 300 MCM (1 per phase)	13.5 (275 lb-in)	PSLK-185	6
PST175...300	#4 - 400 MCM (1 per phase)	43 (375 lb-in)	PSLK-300	6
PST175...300	#4 - 500 MCM (2 per phase)	43 (375 lb-in)	PSLK-300/2	6
PSTB370...470	2/0 - 500 MCM (2 per phase)	43 (375 lb-in)	PSLK-580/2	6
PSTB570...1050	2/0 - 500 MCM (3 per phase)	43 (375 lb-in)	PSLK-750/3	6

For PST85...300 with external bypass (line/load lugs and terminal nut washer)

PST85...142	#4 - 300 MCM (1 per phase)	13.5 (275 lb-in)	PSLK-185-B	9
PST175...300	#4 - 400 MCM (1 per phase)	43 (375 lb-in)	PSLK-300-B	9
PST175...300	#4 - 500 MCM (2 per phase)	43 (375 lb-in)	PSLK-300/2-B	9

Terminal extensions

For softstarter type	Dimensions hole ø mm ² (in ²)	bar mm (in)	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PST85...142	8.5 (0.0132)	17.5 x 5 (0.689 x 0.197)	LX185 ¹⁾	1	0.250 (0.551)
PST175...300	10.5 (0.0163)	20 x 5 (0.787 x 0.197)	LX300 ²⁾	1	0.350 (0.772)
PSTB370...470	10.5 (0.0163)	25 x 5 (0.984 x 0.197)	LX460	1	0.500 (1.102)
PSTB570...1050	13 (0.0202)	40 x 6 (1.575 x 0.236)	LX750	1	0.850 (1.874)

Terminal enlargements

For softstarter type	Dimensions hole ø mm ² (in ²)	bar mm (in)	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PST30...72	6.5 (0.0101)	15 x 3 (0.591 x 0.118)	LW110 ¹⁾	1	0.100 (0.220)
PST85...142	10.5 (0.0163)	17.5 x 5 (0.689 x 0.197)	LW185 ¹⁾	1	0.250 (0.551)
PST175...300	10.5 (0.0163)	20 x 5 (0.787 x 0.197)	LW300 ¹⁾	1	0.450 (0.992)
PSTB370...470	10.5 (0.0163)	25 x 5 (0.984 x 0.197)	LW460	1	0.730 (1.609)
PSTB570...1050	13 (0.0202)	40 x 6 (1.575 x 0.236)	LW750	1	1.230 (2.712)

Terminal nut washer

For softstarter type	Req. qty	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PST85...142	1	LE185 ¹⁾	2	0.200 (0.441)
PST175...300	3	LE300 ²⁾	2	0.300 (0.661)
PSTB370...470	6	LE460	6	0.600 (1.323)
PSTB570...1050	6	LE750	6	0.750 (1.653)

Terminal shrouds

For softstarter type	Suitable for	Req. qty	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PST85...142	Compression lugs and cable connectors	1 pc and	LT185-AL	2	0.220 (0.485)
		1 pc	LT460-AL	2	0.800 (1.764)
PST175...300	Compression lugs and cable connectors	3 pcs	LT300-AL ^{2) 3)}	2	0.280 (0.617)
PSTB370...470	Compression lugs and cable connectors	2 pcs	LT460-AL	2	0.800 (1.764)
PSTB570...1050	Compression lugs and cable connectors	2 pcs	LT750-AL	2	0.825 (1.819)

External keypad including a 3m cable

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PST30...300 PSTB370...1050	PSTEK	1	0.400 (0.882)

Marine Kit

For softstarter type	Part number	Pack ^{ing} piece	Weight kg (lb) 1 piece
PST85...142	PSTM-2	1	0.240 (0.529)

Fieldbus plug - ABB Fieldbus Plug suitable for all sizes. See page 38-41

¹⁾ Only fits on the motor side.

²⁾ Use two sets of the accessories on the line side and one set on the motor side.

³⁾ The LT300-AL is not compatible with PSLK-300/2 cable connector.



LX...



LW...



LE185



LE460



LT ... -AL



PSTEK



PSTM-2