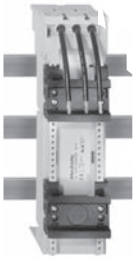
ISO Busbar Modules

- 2-part construction
  - Device Adapter Plate (or DAP) (carrying the starter) snaps onto the base of the module
  - Base module remains on busbar when exchanging starters, providing isolation from live parts
- Test position with load circuit isolated
- Designed for use with control plug (order separately)
- Modules with current ratings supply the load current by means of wire connections matched to Bulletin 140-M motor protection circuit breakers
- Modules can form bigger platforms using the connection clips (see accessories)
- For plugging on 5 mm or 10 mm thick busbars
- Meets feeder circuit spacings per UL 508A

	Description	Rated Thermal Current I_{th} [A]	Width [mm]	Rails	Pkg. Qty.	Cat. No.
	**ISO Busbar Modules with Wires — Short Length** Wires on DAP for electrical connection 200 mm tall Top Hat Rails: R = MCS-Specific top hat rail	32	45	2R	1	**141A-SS45RR25**
			54			**141A-SS54RR25**
		63	54			**141A-SS54RR45**
			63			141A-SS63RR45
		Without electrical connections	45	1R	1	141A-SS45R
			54			141A-SS54R
	ISO Busbar Modules with Wires — Medium Length Wires on DAP for electrical connection 260 mm tall Top Hat Rails: R = MCS-Specific top hat rail; S = Standard top hat rail	32	45	1R+1S	1	141A-SM45RS25
			54			141A-SM54RS25
		63	54			141A-SM54RS45
			63			141A-SM63RS45
		Without electrical connections	45	1S	1	141A-SM45S
			54			141A-SM54S
			63			141A-SM63S

MCS Mounting System

Catalog Number Explanation

Examples given in this section are for reference purposes. This basic explanation should not be used for product selection; not all combinations will produce a valid catalog number.

141A –	S	S	45	R	R	25
	a	*b*	*c*	*d*	*e*	*f*

a

Type	
Code	Description
S	ISO (isolation) busbar module with wires

b

Length	
Code	Description
S	Short (200 mm)
M	Medium (260 mm)

c

Width	
Code	Description
45	45 mm
54	54 mm
63	63 mm

d

Top Hat Rail	
Code	Description
R	RA-specific plastic rail
S	Standard plastic rail

e

Bottom Hat Rail	
Code	Description
R	RA-specific rail
S	Standard plastic rail

f

Current Rating	
Code	Description
Blank	0 A (no wires)
25	32 A
45	63 A

141A –	W	S	45	R	R	P
	a	*b*	*c*	*d*	*e*	*f*

a

Type	
Code	Description
W	Panel mounting modules

b

Length	
Code	Description
S	Short (200 mm)
M	Medium (260 mm)
L	Long (333 mm)

c

Width	
Code	Description
45	45 mm
54	54 mm

d

Top (Middle) Hat Rail	
Code	Description
R	RA-specific plastic rail

e

Bottom Hat Rail	
Code	Description
R	RA-specific plastic rail

f

Terminal Location	
Code	Description
P	With PE terminal

141A –	C	U	H	125	B
	a	*b*	*c*	*d*	*e*

a

Type	
Code	Description
C	Busbar module for specific devices

b

Length	
Code	Description
U	Universal — 140U or 140M

c

Width	
Code	Description
H	Frame size H
J	Frame size J
L	Frame sizes K and L

d

Current Rating	
Code	Description
125	125 A
250	250 A
600	600 A

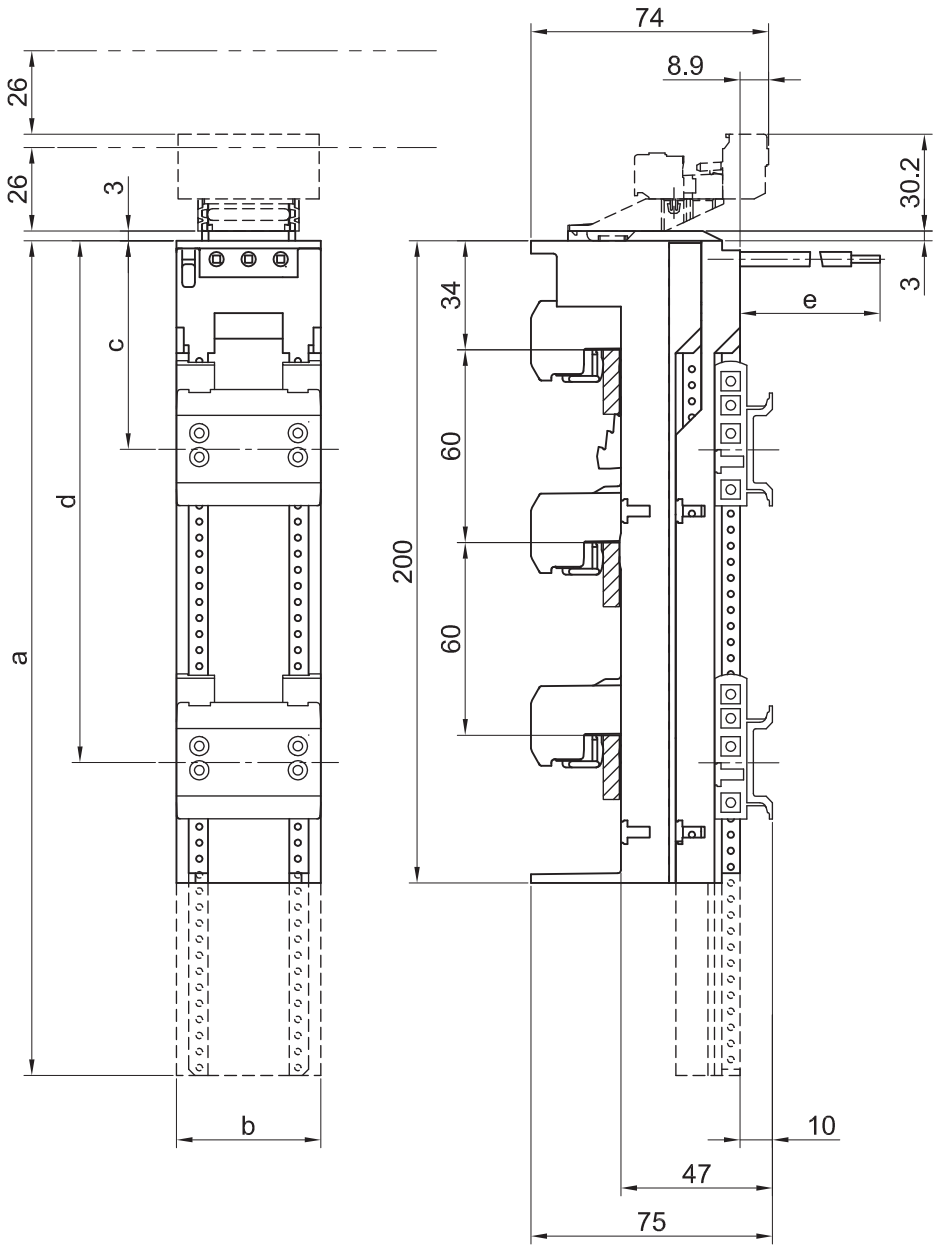
e

Terminal Location	
Code	Description
Blank	Rear connecting studs (suitable for top or bottom)
T	Wires on top
B	Wires on bottom

2

Dimensions are in millimeters. Dimensions are not intended for manufacturing purposes.

Cat. No. 141A-S...ISO Busbar Modules



Cat. No.	A	B	C	D	E
141A-SS45RR25	200	45	65	162.5	73
141A-SS54RR25	200	54	65	162.5	73
141A-SS54RR45	200	54	65	170	95
141A-SS63RR45	200	63	65	170	95
141A-SS45R	200	45	—	162.5	—
141A-SS54R	200	54	—	170	—
141A-SM45RS25	260	45	65	170	73
141A-SM54RS25	260	54	65	170	73
141A-SM54RS45	260	54	65	170	95
141A-SM63RS45	260	63	65	170	95
141A-SM45S	260	45	—	170	—
141A-SM54S	260	54	—	170	—
141A-SM63S	260	63	—	170	—

NOTE:
FREE SPACE REQUIRED TO GET THE DEVICE ADAPTER PLATE IN PARKING POSITION.