

## Type MS450 – MS497 Accessories

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HK4-11



HKS4-02



UA4-HK-220



AA4-24

### Auxiliary contacts – top mount

Item description	Weight (lbs)	Packaged in quantity of	Availability code	Catalog number	List price
1 N.O. + 1 N.C.	.044	10	A	HK4-11	<b>\$ 36</b>
1 changeover	.044	10	B	HK-W	

### Auxiliary contacts – mounts on left side, max. 1

Item description	Weight (lbs)	Packaged in quantity of	Availability code	Catalog number	List price
1 N.O. + 1 N.C.	.066	2	A	HKS4-11	<b>\$ 36</b>
2 N.O.	.066	2	B	HKS4-20	
2 N.C.	.066	2	B	HKS4-02	

### Auxiliary release

- Only one auxiliary release per manual motor protector
- Mounts on right side of manual motor protector

Item description	Rating	Weight (lbs)	Pkg. qty.	Avail. code	Catalog number	List price
Undervoltage release	110–120V, 50–60Hz	.264	1	A	UA4-120	<b>\$ 93</b>
	208V, 60Hz	.264	1	A	UA4-208	
	230–240V, 50–60Hz	.264	1	A	UA4-240	
	400V, 50Hz	.264	1	B	UA4-400	
	480V, 60Hz	.264	1	A	UA4-480	
Undervoltage release with early make contacts 2 N.O.	230V, 50Hz	.286	1	B	UA4-HK-230	<b>117</b>
	400V, 50Hz	.286	1	B	UA4-HK-400	
	480V, 60Hz	.286	1	A	UA4-HK-480	
Shunt trip	Voltage continuous 50 – 60Hz	20 – 24	1	B	AA4-24	<b>93</b>
	Voltage 5 sec. max. 50 – 60Hz, DC					
		30 – 110	1	A	AA4-110	
		210 – 240	1	B	AA4-240	
		350 – 415	1	B	AA4-415	

### Power feed terminal blocks – for MS45X

Item description	Catalog number	List price
For feeding power to multiple MS45Xs when using busbar Accepts 10 - 1/0 AWG, 108A	S4-M1	<b>\$ 81</b>

### Busbars – for MS45X

Item description	Catalog number	List price
Without side mounted auxiliary devices	PS4-2-0	<b>\$ 51</b>
	PS4-3-0	<b>60</b>
	PS4-4-0	<b>76.50</b>
With one side mounted auxiliary device	PS4-2-2	<b>58.50</b>
	PS4-3-2	<b>60</b>
	PS4-4-2	<b>84</b>

### Close coupling adapters

Item description	Catalog number	List price
MS45X + A30, A40	BEA40/450	<b>\$ 54</b>
MS45X + A50	BEA50/450	<b>63</b>
MS49X + A50, A63, A75	BEA75/495	<b>120</b>
MS495 + A95, A110	BEA110/495	<b>180</b>

① Mounting sequence: motor protection switch, pilot switch, auxiliary switch.

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KA450



SA450



DX495



SK4-11

### Terminal shrouds

Item description	Weight (lbs)	Packaged in quantity of	Availability code	Catalog number	List price
for MS45x	.022	1	A	KA450 ①	\$ 15
for MX49x	.022	1	A	KA495 ①	18
for MS49x	.066	1	A	KA495C ②	21

### FLA adjustment cover

Item description	Weight (lbs)	Packaged in quantity of	Availability code	Catalog number	List price
for MS45x	.015	10	A	SA450 ③	\$ 30

### Type E Terminal — Required for UL 508 Type E Applications

Item description	Weight (lbs)	Packaged in quantity of	Availability code	Catalog number	List price
for MS49x	.550	1	B	DX495	\$ 45

### Signalling contact — indication of short-circuit trip (required for UL508 Type E applications)

Item description	Weight (lbs)	Packaged in quantity of	Availability code	Catalog number	List price
Short circuit trip 1 N.O. + 1 N.C.	.154	1	A	SK4-11	\$ 60

### Selector handles — for thru the door operation for Types MS450 & MS451<sup>④</sup>

Item description	Catalog number	List price
Shaft coupler	MSMN	\$ 15
NEMA 1, 3R, 12 black selector handle	OHB2AJ	30
NEMA 1, 3R, 12 red/yellow selector handle	OHY2AJ	30
4.1" length shaft	OXS5X105	4
7.1" length shaft	OXS5X180	6

- ① Plug onto box terminals in each case.
- ② Plug onto housing after removing box terminals, if using cable lugs or buses.
- ③ Supplied only as a set of 10 scale covers.
- ④ Must have shaft coupler, handle and shaft for through-the-door operation.