



Accessories				
Type	Code No.	Description	Weight [g]	Packaging [pcs]
SCMPE	004648025	Scale cover	15	5
PLMPE	004648026	Push-in-lugs	25	2



Insulated enclosure with black/grey rotary handle, IP55					
For use with	Code No.	Notes	Type	Weight [g]	Packaging [pcs]
MPE25 + ACBFE11 + ACBSE11 // ACBSE20 + PL..	004648032	with black/grey rotary handle with integrated PE(N) terminal	MPEE55G	365	1
MPE25 + URMPE // SRMPE + ACBFE11 + ACBSE11 ali ACBSE20 + PL..	004648033	lockable in OFF position with 3 padlocks two M25 metric cable entry knockout, top and bottom	MLPEE55G	415	1



Insulated enclosure with red/yellow rotary handle, IP55					
For use with	Code No.	Notes	Type	Weight [g]	Packaging [pcs]
MPE25 + ACBFE11 + ACBSE11 // ACBSE20 + PL..	004648034	with red/yellow rotary handle for use as Emergency-Stop switches to IEC/EN 60204 with integrated PE(N) terminal	MPEE55G-E	365	1
MPE25 + URMPE // SRMPE + ACBFE11 + ACBSE11 or ACBSE20 + PL..	004648035	lockable in OFF position with 3 padlocks two M25 metric cable entry knockout, top and bottom	MLPEE55G-E	415	1

Neutral terminal					
For use with	Code No.	Description	Type	Weight [g]	Packaging [pcs]
MPEE55G, MLPEE55G, MPEE55G-E & MLPEE55G-E	004648038	for connection of a 5th conductor	NL-MPEE	365	1

Motor protective circuit breaker MPE25

General technical data				
Standards		IEC/EN 60 947		
Climatic proffing		damp heat, constant to IEC 60 068-2-3 damp heat, cyclical to IEC 60 068-2-30		
Ambient temperature	Storage	°C	-50 ... +80	
	Open	°C	-20 ... +70	
	Enclosed	°C	-20 ... +35	
Mounting position		any position		
Degree of protection		IP20		
Protection against direct contact		IP20		
Shock resistance to IEC 60 068-2-27		g	15	
Altitude		m	2000	
Conductor cross-section for main circuit	solid	mm ²	1 x (1,5 ... 6) / 2 x (1,5 ... 6)	
	stranded	mm ²	2 x (1,5 ... 6) / 2 x (1,5 ... 6)	
Tightening torque	main circuits	Nm	2,0 ... 2,5	
	control circuits	Nm	1,0 ... 1,25	
Main contacts				
Rated impulse withstand voltage U _{imp}		kV	6	
Overvoltage categ./pollution degree		III/3		
Rated operational voltage U _e		V	690	
Rated operational current I _e		25 or setting current of overload release		
Rated frequency		Hz	50/60	
Current heat losses, 3-pole at oper. T	W		5 (MPE25-0,1 - MPE25-0,63)	
	W		6 (MPE25-1 - MPE25-6,3)	
	W		7 (MPE25-10)	
	W		8 (MPE25-16 - MPE25-25)	
	W		10 (MPE25-32)	
Life span, mechanical = electrical		Ops.	100.000	
Maximum operating frequency		Ops./h	15	
Releases				
Temperature compensation		°C	-20 ... +60	
Adjustable overload releases		x I _u	0,6 - 1	
Fixed short circuit releases		x I _u	12	
Phase failure sensitivity		IEC/EN 60 947-4-1		
Auxiliary contacts				
Rated impulse withstand voltage		kV	6	
Overvoltage category/pollution degree		III/3		
Rated operational voltage		V	690 (250 -> ACBFE...)	
Rated operational current				
AC-15	24V	I _e	A	6 (2 -> ACBFE)
	230V	I _e	A	4 (0,5 -> ACBFE)
	380V-415V	I _e	A	3 (0 -> ACBFE)
	440V-500V	I _e	A	2 (0 -> ACBFE)
DC-13	24V	I _e	A	2 (1 -> ACBFE)
	60V	I _e	A	0.5 (0,15 -> ACBFE)
	110V	I _e	A	0.5 (0 -> ACBFE)
	220V	I _e	A	0.25 (0 -> ACBFE)
Control circuit reliability at U _e		U _{min} = 17V, I _{min} = 5mA		
Fault probability		< 1 fault in 1 million operations		
Short-circuit rating without welding		Fuse gG	A	10
Conductors cross-section for auxiliary and control circuits		solid or stranded	mm ²	1 x (0,5 ... 2,5) / 2 x (0,5 ... 2,5)