

<b>Main cable</b>			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 x 5.5 1 x 6
<b>Control circuit cables</b>			
Pozidriv screwdriver		Size	2
Standard screwdriver		mm	0.8 x 5.5 1 x 6
<b>Terminal capacity control circuit cables</b>			
Solid		mm <sup>2</sup>	1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
Flexible		mm <sup>2</sup>	1 x (0.75 - 2.5) 2 x (0.75 - 2.5)
Flexible with ferrule		mm <sup>2</sup>	1 x (0.75 - 1.5) 2 x (0.75 - 1.5)
Solid or stranded		AWG	18 - 14
<b>Tool</b>			
Stripping length		mm	10
Screwdriver blade width		mm	3.5

### Main conducting paths

Rated impulse withstand voltage	U <sub>imp</sub>	V AC	8000
Overvoltage category/pollution degree			III/3
Rated insulation voltage	U <sub>i</sub>	V AC	690
Rated operational voltage	U <sub>e</sub>	V AC	690
<b>Safe isolation to EN 61140</b>			
between coil and contacts		V AC	440
between the contacts		V AC	440
<b>Making capacity</b>			
	Up to 690 V	A	700
<b>Breaking capacity</b>			
220 V 230 V		A	500
380 V 400 V AC		A	500
500 V		A	500
660 690 V AC		A	320
<b>Short-circuit rating</b>			
<b>Short-circuit protection maximum fuse</b>			
Type "2" coordination			
400 V	gG/gL 500 V	A	80
690 V	gG/gL 690 V	A	63
Type "1" coordination			
400 V	gG/gL 500 V	A	160
690 V	gG/gL 690 V	A	80

### AC

<b>AC-1</b>			
<b>Rated operational current</b>			
Conventional free air thermal current, 3 pole, 50 - 60 Hz			
Open			
at 40 °C	I <sub>th</sub> = I <sub>e</sub>	A	80
at 50 °C	I <sub>th</sub> = I <sub>e</sub>	A	71
at 55 °C	I <sub>th</sub> = I <sub>e</sub>	A	68
at 60 °C	I <sub>th</sub> = I <sub>e</sub>	A	65

enclosed	$I_{th}$	A	58
Conventional free air thermal current, 1 pole			
open	$I_{th}$	A	162
enclosed	$I_{th}$	A	145
<b>AC-3</b>			
Rated operational current			
Open, 3-pole: 50 – 60 Hz			
220 V 230 V	$I_e$	A	50
240 V	$I_e$	A	50
380 V 400 V	$I_e$	A	50
415 V	$I_e$	A	50
440V	$I_e$	A	50
500 V	$I_e$	A	50
660 V 690 V	$I_e$	A	32
Motor rating			
220 V 230 V	P	kWh	
240V	P	kW	15.5
380 V 400 V	P	kW	17
415 V	P	kW	22
440 V	P	kW	30
500 V	P	kW	32
660 V 690 V	P	kW	36
<b>AC-4</b>			
Open, 3-pole: 50 – 60 Hz			
230 V	$I_e$	A	21
240 V	$I_e$	A	21
400 V	$I_e$	A	21
415 V	$I_e$	A	21
440 V	$I_e$	A	21
500 V	$I_e$	A	21
690 V	$I_e$	A	17
Motor rating			
230 V	P	kWh	
240 V	P	kW	6
400 V	P	kW	6.5
415 V	P	kW	10
440 V	P	kW	11
500 V	P	kW	12
690 V	P	kW	13
690 V	P	kW	14

## DC

Rated operational current, open			
<b>DC-1</b>			
60 V	$I_e$	A	60
110 V	$I_e$	A	50
220 V	$I_e$	A	45
440 V	$I_e$	A	2.9
<b>DC-3</b>			
60 V	$I_e$	A	60
110 V	$I_e$	A	50
220 V	$I_e$	A	25
440 V	$I_e$	A	0.6
<b>DC-5</b>			
60 V	$I_e$	A	60