









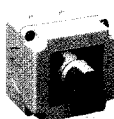









STANDARD UNITS - SELECTION CRITERIA

1 Choice of switch size

Electrical characteristics	PR		12	17	21	26	40	63	125	160
Rated insulation voltage	Ui (V)		660	690	690	690	660	660	660	660
Rated operational current AC20 (switch disconnecter)	Ie (A)		20	25	32	40	63	80	200	250
Rated operational current AC21 (resistive load)	Ie (A)		16	20	25	32	50	80	160	200
Load power absorption AC23 (3 x 380 V)	P (kW)		7,5	11	11	15	22	25	-	-
Load power absorption AC3 (3 x 380 V)	P (kW)		4	7,5	7,5	11	18,5	22	-	-
Maximum rigid wire gauge	(mm ²)		4	6	6	6	16	16	Ø 8 screws for connector	

2 Choice of type of mounting and presentation

Presentation	Characteristics	Ref.	Mounting	12	17	21	Presentation	Characteristics	Ref.	Mounting	26	40	63	125	160	
	<ul style="list-style-type: none"> Front mounting 30 mm interval 48 legend plate aluminium ground Small handle grey/black 	EQ48PN	○ ○ ○ 30		×	×	×		<ul style="list-style-type: none"> Front mounting 30 mm interval 72 legend plate aluminium ground Medium handle grey/black 	EQ72MN	○ ○ ○ 30 ○ ○ ○ 50	×				
	<ul style="list-style-type: none"> Front mounting drill plan Ø 22 48 legend plate aluminium ground Small handle grey/black 	EYN N48PN	○ Ø 22		×			<ul style="list-style-type: none"> Insulating enclosure 64 legend small handle grey/black 72 legend medium handle grey/black 	BCQ3 BCF Q72MN	○ 109 ○ ○ 118 ○153○	×			×	×	
	<ul style="list-style-type: none"> Front mounting drill plan Ø 22 48 legend plate (not included) Chr. ABS bezel Black sym. handle 	EYV26 RA03	○ Ø 22		×			<ul style="list-style-type: none"> Front mounting 30 mm interval Padlockable legend 72 yellow medium red handle Function: main switch 	EJ721 MND51 EJ721 MND61	○ ○ ○ 30 ○ ○ ○ 50	×			×	×	
	<ul style="list-style-type: none"> Front mounting drill plan Ø 22 48 legend plate (not included) Chr. ABS bezel Black lever handle 	EYV26 RB03	○ Ø 22		×			<ul style="list-style-type: none"> Rear mounting block Clutch drive with door safety interlock Padlockable legend 72 yellow medium red handle Function: main switch 	V5J721 MN61 V6J721 MN61	○ ○ ○ 48 ou 68 AR ○ ○ ○ 30/50 AV	×			×	×	
	<ul style="list-style-type: none"> Front mounting drill plan Ø 22 48 legend plate (not included) Chr. ABS bezel Key no. 455 	EYV26 RC00	○ Ø 22		×			<ul style="list-style-type: none"> Insulating enclosure Padlockable legend 48 yellow small red handle 72 yellow medium red handle Function: main switch 	BCJ48 BCFJ721 MND61	○ 109 ○ ○ 118 ○153○	×			×	×	
	<ul style="list-style-type: none"> Insulating enclosure 48 legend plate small handle grey/black 64 legend plate small handle grey/black 	BPR Q48PN	○ 65 ○ 50 ○ ○ ○ 109 ○		①			<ul style="list-style-type: none"> Front mounting 50 mm interval 96 legend aluminium ground Large handle grey/black 	EQ96GN	○ ○ ○ 50					×	×
	<ul style="list-style-type: none"> Front mounting 30 mm interval yellow padlockable legend 48 legend plate small red handle 72 legend medium red handle Function: main switch 	EJ481 EJ721 MND51	○ ○ ○ 30		×	×	×		<ul style="list-style-type: none"> Front mounting 50 mm interval Padlockable legend 96 yellow Large red handle Function: main switch 	EJ961 GND61	○ ○ ○ 50				×	×
	<ul style="list-style-type: none"> Rear mounting block Clutch drive with door safety interlock Padlockable legend 48 yellow small red handle Function: main switch 	V5J481 PN61	○ ○ ○ 48 AR ○ ○ ○ ○ 30 AV		×	×	×		<ul style="list-style-type: none"> Rear mounting block Clutch drive with door safety interlock Padlockable legend 96 yellow Large red handle Function: main switch 	V6J961 GN61	○ ○ ○ 68 AR ○ ○ ○ ○ 50 AV				×	×
	<ul style="list-style-type: none"> Insulating enclosure yellow padlock legend 48 small red handle 48 small red handle Function: main switch 	BPRJ48 PND51	○ 65 ○ 50 ○ ○ ○ 109 ○		①			<ul style="list-style-type: none"> Rear mounting on DIN rail with cover and handle for mounting in modular switchboard 	NDF 01 à 07						PR12	
					②	②	②									×

① Small format enclosure : ≤ 4 contacts ② Standard format enclosure : ≤ 8 contacts

STANDARD UNITS - SELECTION CRITERIA





















































3 Choice of circuit diagram and switching angle

Function	Diagram - Terminals	Function	Diagram - Terminals																																																																																																		
ON/OFF switch 1101 A4 1102 A4 1103 A4 1104 A4	<table border="1"> <tr><th>N° contacts</th><th>0</th><th>1</th></tr> <tr><td>1 - 2</td><td>X</td><td>X</td></tr> <tr><td>3 - 4</td><td>X</td><td>X</td></tr> <tr><td>5 - 6</td><td>X</td><td>X</td></tr> <tr><td>7 - 8</td><td>X</td><td>X</td></tr> </table>	N° contacts	0	1	1 - 2	X	X	3 - 4	X	X	5 - 6	X	X	7 - 8	X	X	Instrument switch 1 voltmeter, 1 network, 3 wires	<table border="1"> <tr><th>N° contacts</th><th>0</th><th>L₁</th><th>L₂</th><th>L₃</th></tr> <tr><td>1 - 2</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3 - 4</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>5 - 6</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>7 - 8</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table>	N° contacts	0	L ₁	L ₂	L ₃	1 - 2	X	X	X	X	3 - 4	X	X	X	X	5 - 6	X	X	X	X	7 - 8	X	X	X	X																																																										
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Main switch 1103 GN 1104 GN 1106 A6	<table border="1"> <tr><th>N° contacts</th><th>0</th><th>1</th></tr> <tr><td>1 - 2</td><td>X</td><td>X</td></tr> <tr><td>3 - 4</td><td>X</td><td>X</td></tr> <tr><td>5 - 6</td><td>X</td><td>X</td></tr> <tr><td>7 - 8</td><td>X</td><td>X</td></tr> <tr><td>9 - 10</td><td>X</td><td>X</td></tr> <tr><td>11 - 12</td><td>X</td><td>X</td></tr> </table>	N° contacts	0	1	1 - 2	X	X	3 - 4	X	X	5 - 6	X	X	7 - 8	X	X	9 - 10	X	X	11 - 12	X	X	Instrument switch 1 voltmeter, 1 network, 3 wires + N	<table border="1"> <tr><th>N° contacts</th><th>L₁</th><th>L₂</th><th>L₃</th><th>0</th><th>L₁</th><th>L₂</th><th>L₃</th><th>N</th><th>N</th><th>N</th></tr> <tr><td>1 - 2</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>3 - 4</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>5 - 6</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>7 - 8</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>9 - 10</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> <tr><td>11 - 12</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td><td>X</td></tr> </table>	N° contacts	L ₁	L ₂	L ₃	0	L ₁	L ₂	L ₃	N	N	N	1 - 2	X	X	X	X	X	X	X	X	X	X	3 - 4	X	X	X	X	X	X	X	X	X	X	5 - 6	X	X	X	X	X	X	X	X	X	X	7 - 8	X	X	X	X	X	X	X	X	X	X	9 - 10	X	X	X	X	X	X	X	X	X	X	11 - 12	X	X	X	X	X	X	X	X	X	X
N° contacts	0	1																																																																																																			
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11 - 12	X	X																																																																																																			
N° contacts	L ₁	L ₂	L ₃	0	L ₁	L ₂	L ₃	N	N	N																																																																																											
1 - 2	X	X	X	X	X	X	X	X	X	X																																																																																											
3 - 4	X	X	X	X	X	X	X	X	X	X																																																																																											
5 - 6	X	X	X	X	X	X	X	X	X	X																																																																																											
7 - 8	X	X	X	X	X	X	X	X	X	X																																																																																											
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N.B.: The standard instrument switches are only available for PR12.

4 Determination of ordering and price list code

STANDARD UNITS - CAM SWITCHES PR12

1 Switch size code				2 Type of mounting and presentation codes				
PR12 Ui = 660 V Ie (AC 20) = 20 A Ie (AC 21) = 16 A P (AC 3 - 3 x 380 V) = 4 kW (5,5 cv)				EQ48PN	EYNN48PN	EYV26RA03	EYV26RB03	EYV26RC00
								
				Front mounting 30 mm interval 48 legend plate aluminium ground Small handle grey/black	Front mounting drill plan Ø 22 48 legend plate aluminium ground Small handle grey/black	Front mounting drill plan Ø 22 Chr. ABS bezel Black sym. handle	Front mounting drill plan Ø 22 Chr. ABS bezel Black lever handle	Front mounting drill plan Ø 22 Chr. ABS bezel Key no. 455
3 Diagram product code				4 Ordering and price list code				
Diagram	Positions	Function	Contacts	Code	Code	Code	Code	Code
On/Off switch								
1101A4		1 pôle		NB01AQ1	RB01AN1	PB01AV5	PB01AV6	QB01AV7
1102A4		2 pôles		NB02AQ1	RB02AN1	PB02AV5	PB02AV6	QB02AV7
1103A4		3 pôles		NB03AQ1	RB03AN1	PB03AV5	PB03AV6	QB03AV7
1104A4		4 pôles		NB04AQ1	RB04AN1	PB04AV5	PB04AV6	QB04AV7
Main switch								
1103GN		3 pôles + 						
1104GN		3 pôles + N						
1106A6		6 pôles						
Change-over switch with "OFF"								
2201C8		1 pôle		NC01GQ1	RC01GN1	PC01GV5	PC01GV6	QC01GV7
2202C8		2 pôles		NC02GQ1	RC02GN1	PC02GV5	PC02GV6	QC02GV7
2203C8		3 pôles		NC03GQ1	RC03GN1	PC03GV5	PC03GV6	QC03GV7
2204C8		4 pôles		NC04GQ1	RC04GN1	PC04GV5	PC04GV6	QC04GV7
Change-over switch without "OFF"								
2251D4		1 pôle		NC51DQ1	RC51DN1	PC51DV5	PC51DV6	QC51DV7
2252D4		2 pôles		NC52DQ1	RC52DN1	PC52DV5	PC52DV6	QC52DV7
2253D4		3 pôles		NC53DQ1	RC53DN1	PC53DV5	PC53DV6	QC53DV7
2254D4		4 pôles		NC54DQ1	RC54DN1	PC54DV5	PC54DV6	QC54DV7
3-way selector switch								
2301A4		1 pôle		ND01AQ1	RD01AN1	PD01AV5	PD01AV6	QD01AV7
2302A4		2 pôles		ND02AQ1	RD02AN1	PD02AV5	PD02AV6	QD02AV7
2303A4		3 pôles		ND03AQ1	RD03AN1	PD03AV5	PD03AV6	QD03AV7
3-phase asynchrone motor switches								
9151C8		reverse, 1-speed	5	NZ11GQ1	RZ11GN1	PZ11GV5	PZ11GV6	QZ11GV7
9153C8		starter 2-way, 1-speed	10	NZ13GQ1	RZ13GN1	PZ13GV5	PZ13GV6	QZ13GV7
9551B4		1-speed starter, 1-way	8	NZ51BQ1	RZ51BN1	PZ51BV5	PZ51BV6	QZ51BV7
9552B4		2-speed Dahlander starter, 1-way	8	NZ52BQ1	RZ52BN1	PZ52BV5	PZ52BV6	QZ52BV7
9552C4		2-speed Dahlander starter, 1-way	8	NZ52CQ1	RZ52CN1	PZ52CV5	PZ52CV6	QZ52CV7
Ammeter instrument switch								
8151A4		1 network, 3 wires, 1 amm., 3 CT's with common point	6	NY11AQ1	RY11AN1	PY11AV5	PY11AV6	QY11AV7
8164A4		1 network, 3 wires, 1 amm. without CT	9	NY14AQ1	RY14AN1	PY14AV5	PY14AV6	QY14AV7
8157A4		1 network, 3 wires, 1 amm., 3 indep. CT's	9	NY17AQ1	RY17AN1	PY17AV5	PY17AV6	QY17AV7
Voltmeter instrument switch								
8351A4		one 3-phase network no neutral, 1 voltmeter	4	NY31AQ1	RY31AN1	PY31AV5	PY31AV6	QY31AV7
8357C8		one 3-phase network with neutral, 1 voltmeter	6	NY37GQ1	RY37GN1	PY37GV5	PY37GV6	QY37GV7

