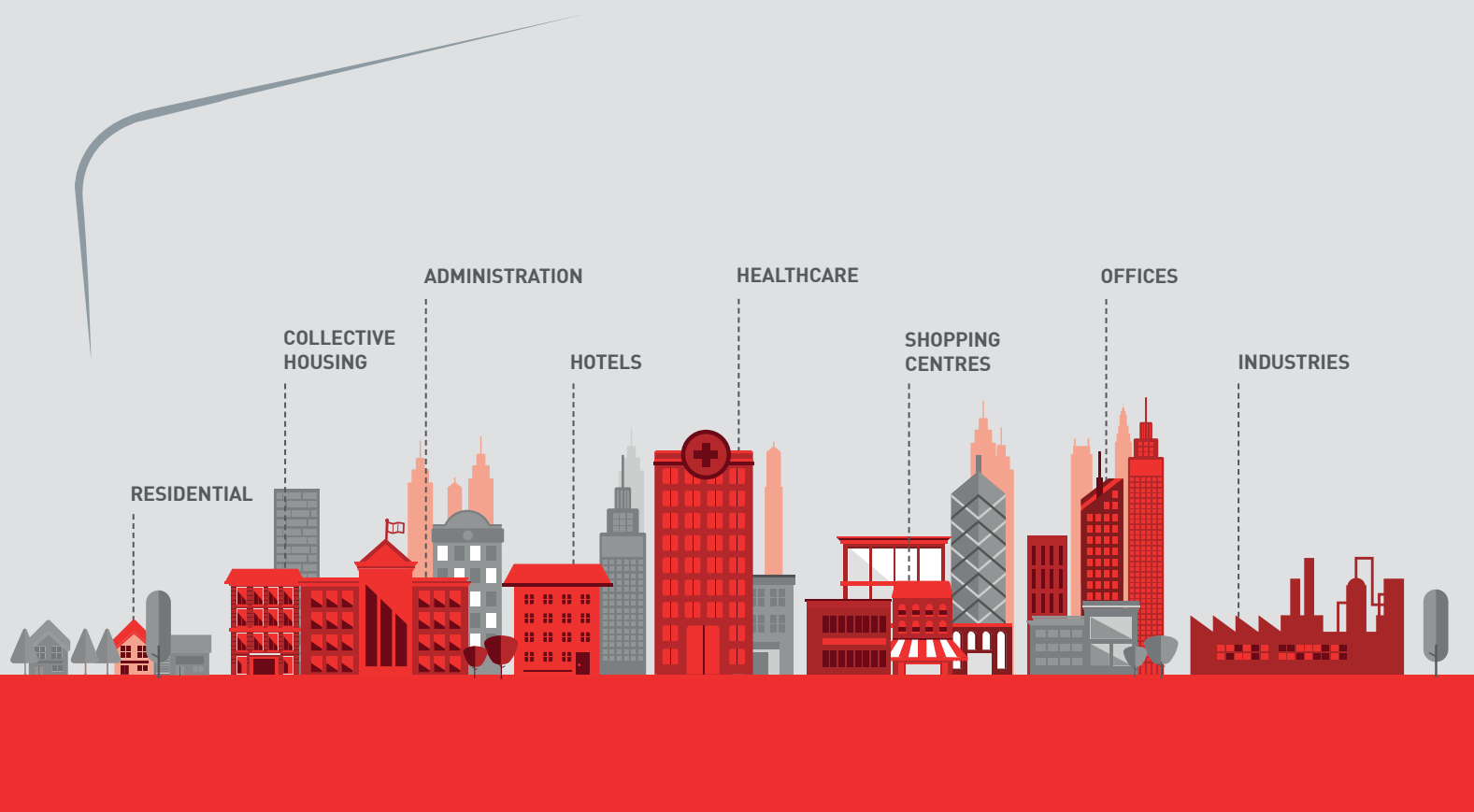




CATALOG 2019

EMEA REPLACEMENT COMPONENTS DIVISION

Parts and commodities for heating and air conditioning



EUROPEAN PARTS CENTER : BUILDING SERVICE EXCELLENCE FOR CUSTOMER

ERCD (EMEA Replacement Components Division) team is able to deliver 250 orders daily and ship efficiently more than 1,600 shipments per week around the world.



A robust supply chain

• Dedicated team & expert advices

An experienced and attentive team will support you throughout the process of spare parts procurement: parts selection, management orders follow-up and logistics until delivery.

Our powerful purchasing negotiations ensures optimized pricing and lead-times. Thanks to our manufacturing expertise, we provide advice to help you find the best service solution to meet your specific needs.

- State-of-the art logistics with reliable next day delivery for Europe
- Storage permanently adjusted according to customer demand
- Accessible and reactive contacts
- Dedicated online shop to facilitate the selection of parts

A comprehensive parts offering

• High added value parts solutions

With more than 10,000 items in stock, we propose a comprehensive parts offering including compressors, universal parts and manufactured components.

- Factory Authorized & Proprietary and universal spare parts
- Parts kits solutions
- Consultancy services
- Dedicated solutions for railways, mining & marine business

• Quality & reliability

Quality and Reliability are integrated and guaranteed for all products & systems and extended to every spare part.



+80,000

Managed parts number*



99%

Deliveries on time*



5.9/7

Customer satisfaction*

*2017 data

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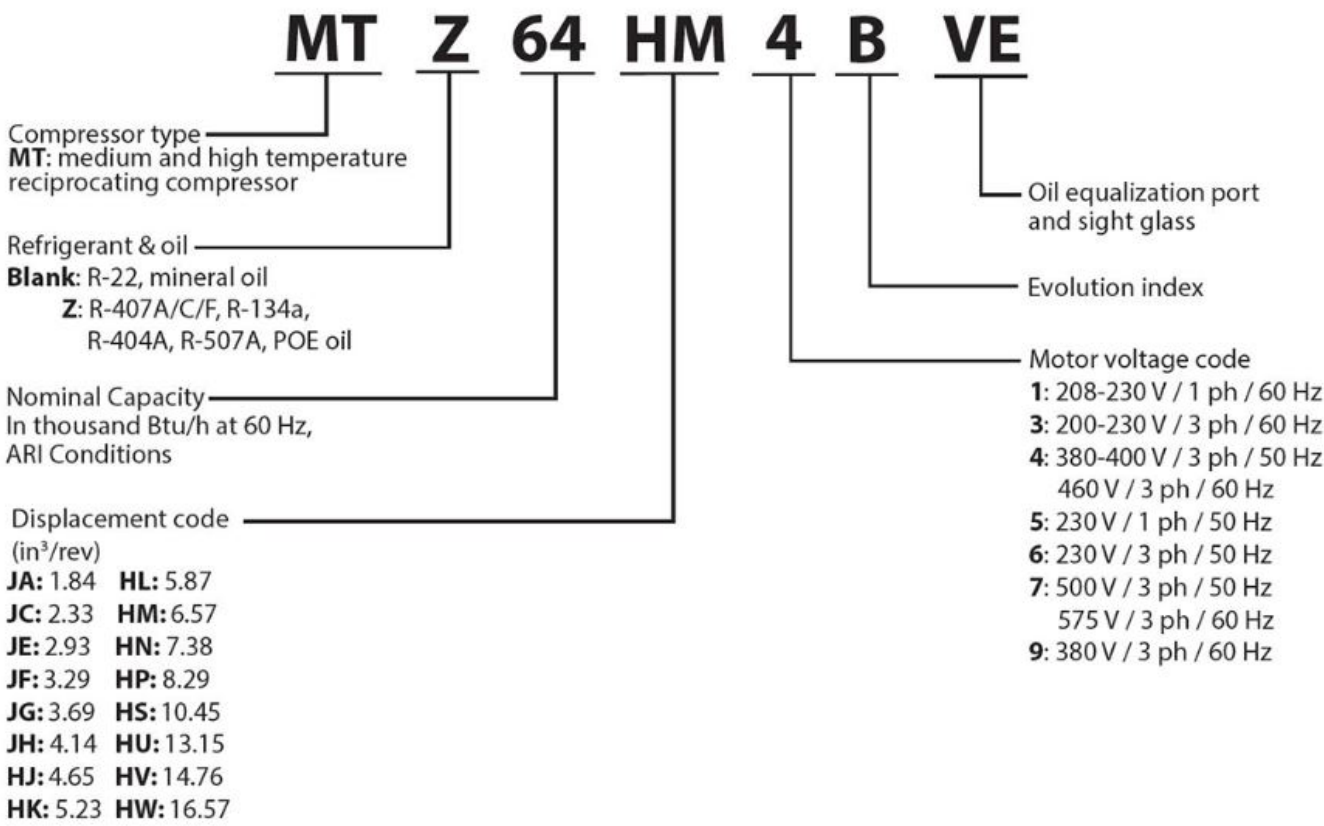


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DANFOSS

Nomenclature/Model No. | MT/MTZ - Medium/High
Temperature Reciprocating Compressors
Nomenclature / Model No.



DANFOSS

Compressors shipped with oil and under nitrogen pressure
Refrigerant : R22



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Voltage (V)	Connection type
--DQ--12BA-005EE1	MT80HP4AVE	1-1/8 ODF	3/4 ODF	295	295	403	44	400/3/50	ROTOLOCK
--DQ--12BA-014EE1	MT160HW4EVE	1-1/8 ODF	3/4 ODF	352	352	500	72	400/3/50	
--DQ--12BA-015EE1	MT100HS4DVE	1-1/8 ODF	3/4 ODF	353	352	500	69,5	400/3/50	ROTOLOCK
--DQ--12BA-016EE1	MT64HM4DVE	7/8 ODF	3/4 ODF	-			39,5	400/3/50	ROTOLOCK
--DQ--12BA-017EE1	MT32JF4DVE	5/8 ODF	1/2 ODF	-			26,5	400/3/50	ROTOLOCK
--DQ--12BA-018EE1	MT40JH4EVE	5/8 ODF	1/2 ODF	-			27,5	400/3/50	ROTOLOCK
--DQ--12BA-023EE1	MT56HL4BVE	7/8 ODF	3/4 ODF	-			39	400/3/50	ROTOLOCK
--DQ--12BA-024EE1	MT125HU4DVE	1-1/8 ODF	3/4 ODF	-			71	400/3/50	ROTOLOCK
3200108	MT50HK4CVE	7/8 ODF	3/4 ODF	-			39	400/3/50	ROTOLOCK
--DQ--12BA-028EE1	MT36JG4EVE	5/8 ODF	1/2 ODF	-			27	400/3/50	ROTOLOCK
--DQ--12BA-031EE1	MT28JE4AVE	1/2 ODF	3/8 ODF	-			25,5	400/3/50	ROTOLOCK

DANFOSS

Compressors shipped with oil and under nitrogen pressure
Refrigerant : R407C



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Voltage (V)	Connection type
--DQ--12BA-070--EE	MTZ100HS4VE	1-1/8	3/4	446	446	500	69,5	400/3/50	ROTOLOCK
--DQ--12BA-074EE1	MTZ160HW4AVE	1-1/8	3/4	450	450	500	72	400/3/50	ROTOLOCK
--DQ--12AL-001EE1	MTZ125HU4VE							400/3/50	
--DQ--12AL-002EE1	MTZ144HV4VI	1-1/8 ODF	3/4 ODF	352	352	540	67	400/3/50	ROTOLOCK
--DQ--12AL-005EE1	MTZ80HP4AVE							400/3/50	ROTOLOCK
--DQ--12AL-007EE1	MTZ50HK4CVE							400/3/50	ROTOLOCK
--DQ--12AL-008EE1	MTZ40JH4AVE							400/3/50	ROTOLOCK
--DQ--12AL-009EE1	MTZ36JG4AVE							400/3/50	ROTOLOCK
--DQ--12AL-011EE1	MTZ28JE4AVE	1/2 ODF	3/8 ODF	224	224	333	23	400/3/50	ROTOLOCK
--DQ--12AL-012EE1	MTZ22JC4AVE							400/3/50	ROTOLOCK
3200222	MTZ64HM4CVE							400/3/50	ROTOLOCK
7003907	MTZ44-4-VI							400/3/50	ROTOLOCK
7006037	MTZ56HL4BVE							400/3/50	ROTOLOCK
7006754	MTZ72HN4AVE							400/3/50	ROTOLOCK
3200201	MTZ32JF4S							400/3/50	ROTOLOCK



DANFOSS

Family, lubricant & refrigerant	Nominal capacity		Voltage	Version	Evolution index	
SZ	185	-	4	R	C	Single compressors
SY	300	A	7	CA	A	Single compressors

Family, lubricant & refrigerant SM: Scroll, Mineral oil, R22/R417A* SY: Scroll, POE lubricant, R22/R417A (and R407C for SY185-240-300) SZ: Scroll, POE lubricant, R407C - R134a (and R404A, R507A for SZ084 to SZ185)	Nominal capacity In thousand Btu/h at 60 Hz, R22, ARI conditions	Motor voltage code 3: 200-230V/3~/60 Hz 4: 380-400V/3~/50 - 460V/3~/60 Hz 6: 230V/3~/50 Hz 7: 500V/3~/50 Hz - 575V/3~/60 Hz 9: 380V/3~/60 Hz
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Motor protection type	Connection	Module voltage	Applies to
Internal overload protector	V : brazed		S 084-090-100-110-120-148-161
	A : brazed		S 112-124-147
Internal thermostat	C : brazed		S 175-185
	R : rotolock		
Electronic protection module	P : brazed	24 V AC	
	X : brazed	230 V	
	S : rotolock	24 V AC	S 240 - 300
	Y : rotolock	230 V	
	CA : C: brazed	A: 24V AC	S 380
	CB : P: rotolock	B: 115/230V	
	PA : A: 24V AC		
	PB : B: 115/230V		
	CA : C: brazed	A: 24V AC	
	CB : B: 115/230V		

*When SM compressors are used with R417A, the factory charged mineral oil 160P must be replaced by polyolester oil 160SZ

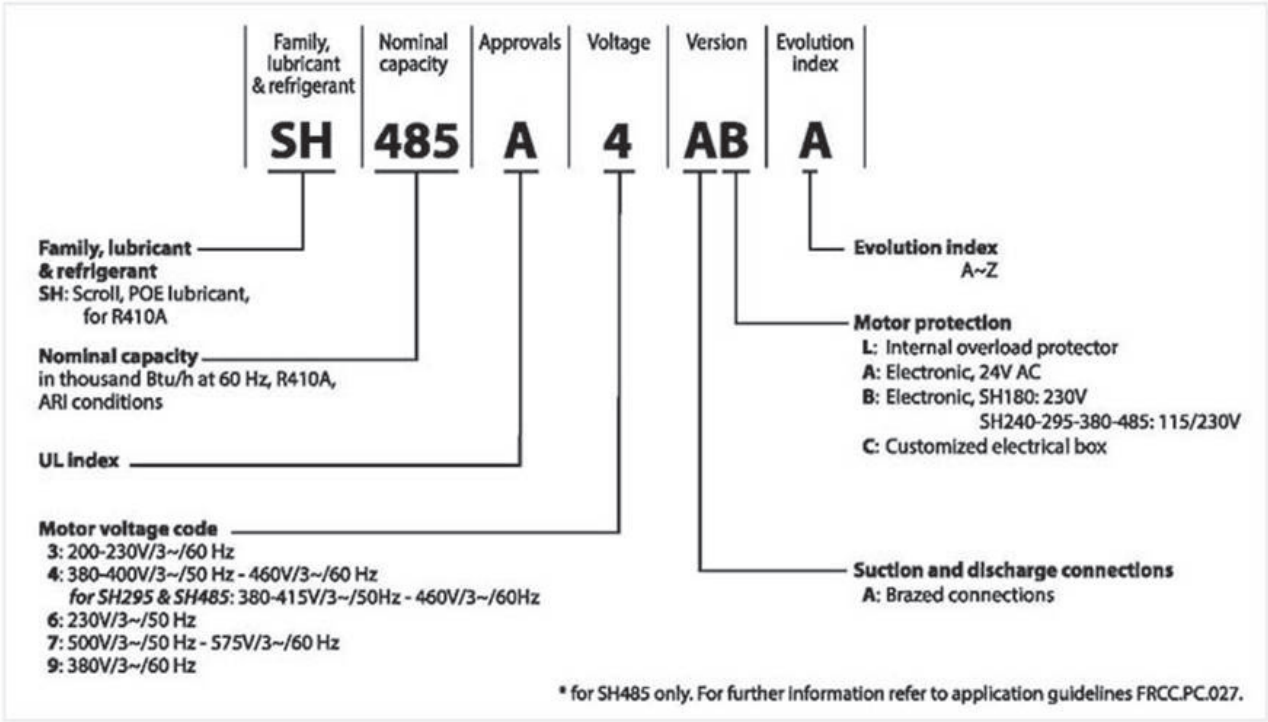
DANFOSS

Compressors shipped with oil and under nitrogen pressure
Refrigerant : R407C



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Voltage (V)	Connection type
--DQ--12CA-001-EE	SZ110S4VC	1-3/8	7/8	284	284	558	80,5	400/3/50	BRAZING
--DQ--12CA-002-EE	SZ120S4VC	1-3/8	7/8	285	284	558	80,5	400/3/50	BRAZING
--DQ--12CA-003-E-	SZ115S4CC	1-3/8	7/8	284,2	369,1	581	80	400/3/50	BRAZING
--DQ--12CA-005-E-	SZ160T4CC	1-5/8	1-1/8	284,2	369,1	632	94	400/3/50	BRAZING
--DQ--12CA-006-E-	SZ185S4CC	1-5/8	1-1/8	345,4	370,8	678	103	400/3/50	BRAZING
--DQ--12CA-025-EE	SZ084S4VC	1-1/8	3/4	284	284	508	71,5	400/3/50	BRAZING
--DQ--12CA-027-EE	SZ240A4CAE	1-5/8	1-1/8	392	392	729	160	400/3/50	BRAZING
--DQ--12CA-028-EE	SZ300A4CAE	1-5/8	1-1/8	393	392	740	160	400/3/50	BRAZING
--DQ--12CA-031-EE	SZ161T4VC	1-3/8	7/8	284	284	590	86	400/3/50	BRAZING
--DQ--12CA-032-EE	SZ185U4CC	1-5/8	1-1/8	345,4	370,8	678	103	400/3/50	BRAZING
--DQ--12CA-034-EE	SZ115S4RC	1-3/4	1-1/4					400/3/50	ROTOLOCK
--DQ--12CA-035-EE	SZ160T4RC	2-1/4	1-3/4					400/3/50	ROTOLOCK
--DQ--12CA-036-EE	SZ185W4PD	1-3/8	1-1/8	345,4	370,8	641,3	103	400/3/50	BRAZING
7113795	SZ380A4CBE							400/3/50	BRAZING
3200300	SZ240A4CBE	1-5/8	1-1/8					400/3/50	BRAZING
3200192	SZ125S4RC	1-3/4	1-1/4					400/3/50	ROTOLOCK
1940800	SZ240A4PBE	2-1/4	1-3/4					400/3/50	ROTOLOCK
3200193	SZ 125 6R							400/3/50	BRAZING
3200196	SZ185S4RC	2-1/4	1-3/4					400/3/50	ROTOLOCK
3200301	SZ300A4CBM	2-1/4	1-3/4					400/3/50	BRAZING

DANFOSS



DANFOSS

Compressors shipped with oil and under nitrogen pressure
R410A



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Voltage (V)	Connection type
00PSG001482000A	SH090A4ACC	1-1/8 ODF	7/8 ODF	243	243	482	58	400/3/50	BRAZING
00PSG001482100A	SH105A4ACC	1-3/8 ODF	7/8 ODF	243	243	540	64	400/3/50	BRAZING
00PSG001482200A	SH120A4ACC	1-3/8 ODF	7/8 ODF	243	243	540	64	400/3/50	BRAZING
00PSG001482300A	SH140A4ACC	1-3/8 ODF	7/8 ODF	243	243	540	67	400/3/50	BRAZING
00PSG001482400A	SH161A4ACC	1-3/8 ODF	7/8 ODF	243	243	540	69	400/3/50	BRAZING
00PSG001482500A	SH184A4ACC	1-3/8 ODF	7/8 ODF	243	243	555	72	400/3/50	BRAZING
00PSG001748000A	SH295A4ACE	1-5/8 ODF	1-1/8 ODF					400/3/50	BRAZING
2059560	SH295A4ABE	1-5/8 ODF	1-1/8 ODF					400/3/50	BRAZING
2062690	SH090-A9ALC							400/3/50	BRAZING
7243957	SH380A4ABE	1-5/8 ODF	1-1/8 ODF					400/3/50	BRAZING
7243955	SH240A4ABE	1-5/8 ODF	1-1/8 ODF					400/3/50	BRAZING
7243847	SH180B4ABF	1-5/8 ODF	1-1/8 ODF					400/3/50	BRAZING
7388693	SH184A4ALC	1-3/8 ODF	7/8 ODF					400/3/50	BRAZING
7266997	SH120A4ALC	1-3/8 ODF	7/8 ODF					400/3/50	BRAZING
00PPG000471003A	SH300B4ACC	1-5/8 ODF	1-1/8 ODF					400/3/50	
7243956	SH300B4ABE	1-5/8 ODF	1-1/8 ODF					400/3/50	BRAZING
7266910	SH161A4ALC	1-3/8 ODF	7/8 ODF					400/3/50	BRAZING
00PSG001961100A	SH240A4ACA	1-5/8 ODF	1-1/8 ODF	345,4	370,8	650	107	400/3/50	BRAZING

DANFOSS

Compressors shipped with oil and under nitrogen pressure



Ordering references	Product description	Connection type
7300312	VSH088AGANB	BRAZING
7300315	VSH117AGANB	BRAZING

Ordering references	Product description	Connection type
00PSG001549200A	WSH105A4ACC	BRAZING
00PSG001549300A	WSH120A4ACC	BRAZING
00PSG001549400A	WSH140A4ACC	BRAZING
00PSG001549500A	WSH161A4ACC	BRAZING
00PSG001549100A	WSH090A4ACC	BRAZING
00PSG001549600A	WSH184A4ACC	BRAZING

DANFOSS

Compressors shipped with oil and under nitrogen pressure

Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Weight (kg)	Voltage (V)	Connection type
SM185S4RA	SM185S4RC								ROTOLOCK
--DQ--12CA-015--E-	SM115S4CC	1-3/8	7/8	284,2	369,1	581	80	400/3/50	BRAZING
--DQ--12CA-017--E-	SM160T4CC	1-5/8	1-1/8	284,2	369,1	632	94	400/3/50	BRAZING
--DQ--12CA-018--E-	SM185S4CC	1-5/8	1-1/8	345,4	370,8	678	103	400/3/50	BRAZING
--DQ--12CA-037--EE	SM161T4VC								BRAZING
--DQ--12CA-038--EE	SM185W4PD								BRAZING

DANFOSS

Type

Size

Motor

Features

HRH

036

U1L

P6

Application:

H: high temperature / air conditioning

Family:

C: light commercial scroll

R: residential scroll (new platform)

L: light commercial scroll (new platform)

Refrigerant & lubricant:

M: R22, alkylbenzene lubricant

P: R407C, PVE lubricant

H: R410A, PVE lubricant

J: R410A, PVE lubricant

Nominal capacity:

In thousand Btu/h at 60 Hz,

ARI conditions

Model variation

T: design optimized for 7.2/54.4°C

U: design optimized for 7.2/37.8°C

Other features

	Oil sight glass	Oil equalisation	Oil drain	LP gauge port	Gas equalisation port
6	None	None	None	None	None
7	Threaded	None	None	None	None
8	None	Brazed	None	None	Brazed

Tubing and electrical connections

P: brazed connections, spade terminals

C: brazed connections, screw terminals

Motor protection

L: internal motor protection

Motor voltage code

1: 208-230V/1~/60 Hz

2: 200-220V/3~/50Hz & 208-230V/3~/60 Hz

4: 380-400V/3~/50 Hz & 460V/3~/60 Hz

5: 220-240V/1~/50 Hz

7: 500V/3~/50 Hz & 575V/ 3~/60 Hz

9: 380V/3~/60 Hz



DANFOSS

Compressors shipped with oil and under nitrogen pressure



Ordering references	Product description
HLM075T4LP6	HLM075T4LP6

Ordering references	Product description	Connection type
HRM060T4LP6	HRM060T4LP6	BRAZING

Ordering references	Product description	Connection type
7406478	HCJ400VR410	BRAZING
7406475	HCJ091T4LC6	

Ordering references	Product description	Connection type
7406469	HLH068T4LC6	BRAZING

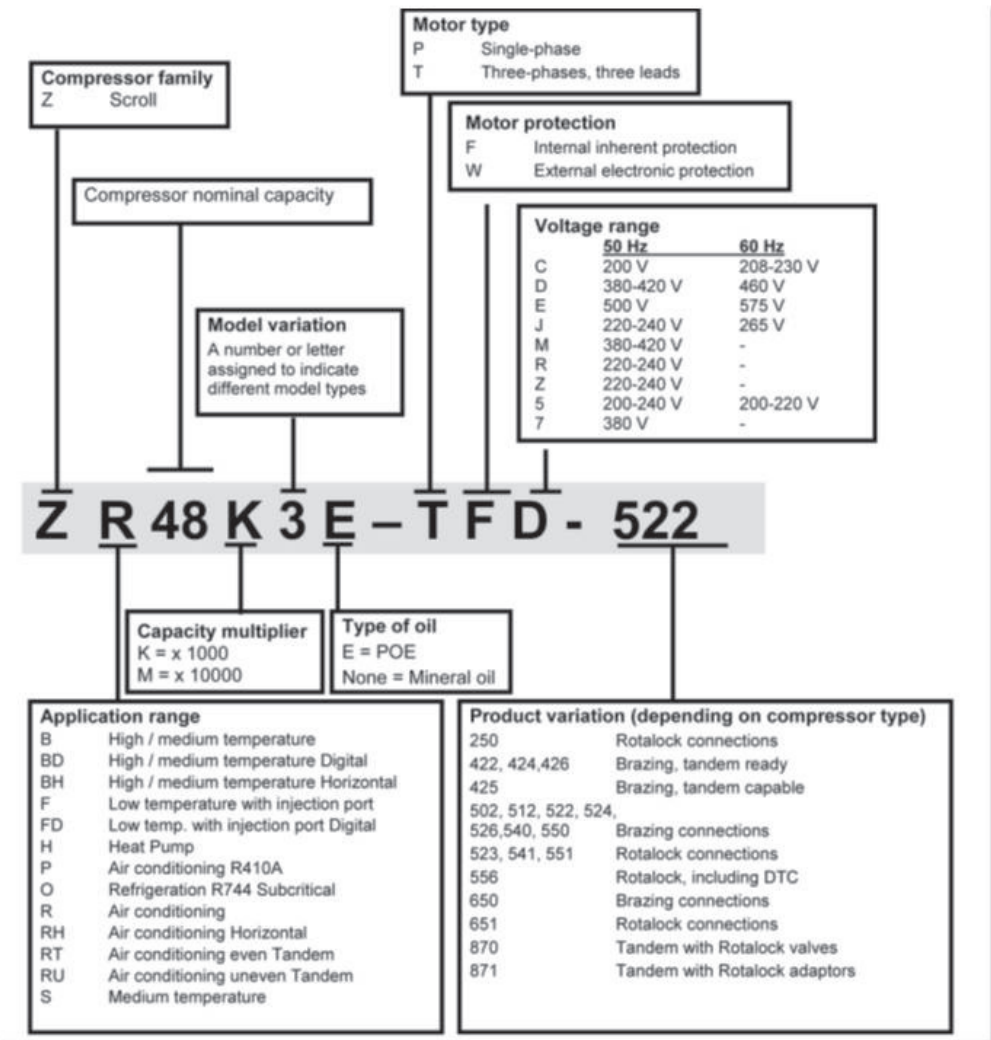
COPELAND

Compressors shipped with oil and under nitrogen pressure



Ordering references	Product description
3201235	8DJ6-600X-AWM/D
3201271	8DJ6-600X-EWM/D
3201233	D6DJ5-400X-AWM/D
7028578	D6SK2-500X-EWL
7028572	D6SK2-500X-AWM/D
3201245	D6DH5-350X-AWM/D
7028573	D6SJ1-400X-AWM/D
3201231	D4DJ5-300X-AWM/D
7104202	D8SJ2-600X-AWM/D
3201230	D4DH5-250X-AWM/D-1R
3201240	D6DJ5-400X-EWL-2R





COPELAND

Compressors shipped with oil and under nitrogen pressure
R407C



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Voltage (V)	Connection type
7201746	ZH24KVE-TWD-526	1-3/8	7/8	366	321	525	380-420	BRAZING
00PPG000459500A	ZH40KVE-TWD-568	1-3/8	7/8	368	321	532	380-420	BRAZING
00PPG000459600A	ZH48KVE-TWD-568	1-5/8	1-1/8	368	323	579	380-420	BRAZING
7389286	ZH04K1P-PFZ-524							BRAZING
0370620H70	ZH18KVE-TFD-526	7/8	1/2	244	241	438	380-420	BRAZING
7336706	ZH09K1P-PFZ-524							BRAZING
7139083	ZH13KVE-TFD-526	7/8	1/2	244	241	438	380-420	BRAZING
7139084	ZH13KVE-PFJ-526	7/8	1/2	244	241	438	220-240	BRAZING
7201755	ZH48KVE-TWD-526	1-5/8	1-1/8	368	323	579	380-420	BRAZING
7201750	ZH33KVE-TWD-526	1-3/8	7/8	368	321	525	380-420	BRAZING
7414837	ZH12K1P							BRAZING

COPELAND

Compressors shipped with oil and under nitrogen pressure
R410A



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Voltage (V)	Connection type
7125800	ZP50K3E-PFJ-522							BRAZING
0370620H07	ZP23K3E-TFD-522	3/4	1/2	242	242	362	380-420	BRAZING
0370620H08	ZP26K3E-TFD-522	3/4	1/2	242	242	362	380-420	BRAZING
0370620H16	ZP26K3E-PFJ-522	3/4	1/2	242	242	362	220 - 240	BRAZING
0370620H25	ZP32K3E-TFD-522	3/4	1/2	242	242	384	400	BRAZING
0370620H26	ZP36K3E-TFD-522	7/8	1/2	242	242	421	380-420	BRAZING
0370620H27	ZP41K3E-TFD-522	3/4	1/2	242	242	397	380-420	BRAZING
0370620H28	ZP54K3E-TFD-522	7/8	1/2	242	242	440	380-420	BRAZING
0370620H29	ZP32K3E-PFJ-522	3/4	1/2	242	242	384	220 - 240	BRAZING
0370620H30	ZP41K3E-PFJ-522	3/4	1/2	242	242	397	220 - 240	BRAZING
0370620H63	ZP90KCE-TFD-455	1-3/8	7/8	264	284	476	400	BRAZING
0370620H64	ZP72KCE-TFD-522	7/8	1/2	245	249	440	400	BRAZING
7351587	ZP180KCE-TWD-922							ROTALOCK + BRAZING KIT
7002185	ZP23K3E-PFJ-522							BRAZING
7045159	ZP67KCE-TFD-522							BRAZING
7066321	ZP103KCE-TFD-455							BRAZING
7204645	ZP24KSE-PFZN-522							BRAZING
7204651	ZP54KSE-PFZN-522							BRAZING
7040884	ZP120KCE-TFD-455							BRAZING
7388340	ZP182KCE-TFD-477							BRAZING
7536522	ZP54K5-PJF-522							BRAZING
7040885	ZP137KCE-TFD-455							BRAZING
7532788	ZP90KCETF7455-60HZ							
0370620H71-	ZP91KCE-TFD-522							BRAZING
7117486	ZP120KCE-TF5							
7069802	ZP83KCE-TFD-522							BRAZING
7389519	ZP182KCE-TFD-455							BRAZING
7249993	ZP485KCE-TWD-522							BRAZING
7146360	ZP385KCE-TWD-522							BRAZING
00PPG000461400A	ZP90KQE-TFD-604	1-1/8	7/8	264	284	476	400	BRAZING
00PPG000461500A	ZP103KQE-TFD-604	1-3/8	7/8	264	284	533	380-420	BRAZING
00PPG000461600A	ZP120KQE-TFD-604	1-3/8	7/8	285	293	533	380-420	BRAZING
00PPG000461700A	ZP137KQE-TFD-604	1-3/8	7/8	264	284	533	380-420	BRAZING
00PPG000461800A	ZP154KQE-TFD-604	1-3/8	7/8	264	284	552	380-420	BRAZING
00PPG000461900A	ZP182KQE-TFD-604	1-3/8	7/8	264	284	552	380-420	BRAZING
7511597	ZP295KCE-TWD-522							BRAZING
7040888	ZP54K5E							BRAZING
7040887	ZP235KCE-TWD-522							BRAZING

COPELAND

Compressors shipped with oil and under nitrogen pressure



Ordering references	Product description	Suction sold connection size (inch)	Discharge sold connection size (inch)	Width (mm)	Length (mm)	Height (mm)	Voltage (V)	Connection type
ZRD94KCE-TFD-522	ZRD94KCE-TFD-522							BRAZING
0370620H20	ZR48K3E-PFJ-522	7/8	1/2	242 X 242 X 417	220-240			BRAZING
ZR19M3E-TWD-961	ZR19M3E-TWD-961	2-1/4	1-3/4	349 X 321 X 579	380-420/3/50			ROTALOCK + BRAZING KIT
--DQ--12EB-004--EE	ZR16M3E-TWD-961	1-3/4 ROTALOCK	1-1/4 ROTALOCK	319 X 357 X 550	400/3/50			ROTALOCK + BRAZING KIT
3200272	ZR61KCE-TFD-522							BRAZING
0370620X12	ZR34K3E-TFD-522							BRAZING
7014505	ZR250KCE-TWD-522							BRAZING
0370620H58	ZR72KCE-TFD-522	7/8	1/2	245	249	440	200-240	BRAZING
7350855	ZR11M3E-TWD-961							ROTALOCK + BRAZING KIT
ZR190KCE-TFD-455	ZR190KCE-TFD-455							BRAZING
7006810	ZR48K3E-TFD-522							BRAZING
3200231	ZR28K3E-TFD-522							BRAZING
3200266	ZR40K3E-TFD-522							BRAZING
AM031660	ZR90K3E-TWD-961							ROTALOCK + BRAZING KIT
3200265	ZR40K3E-PFJ-522							BRAZING
3200261	ZR28K3E-PFJ-522							BRAZING
ZR310KCE-TWD-523	ZR310KCE-TWD-523	1-5/8	1-3/8	448 X 392 X 715	380-420/3/50			ROTALOCK
ZR48K3E-TFD-422	ZR48K3E-TFD-422							BRAZING, TANDEM READY
7537733	ZR310KCE-TWD524							
3200271	ZR81KCE-TFD-522							BRAZING
ZF09-K4E-TFD-551	ZF09K4E-TFD-551							ROTALOCK



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PARKER



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Refrigerant	Straight
3250165	OJE16	ODF	56,27	7/8"	1"3/8	R134A	STRAIGHT
3250162	SJE5	ODF	17,58	5/8"	7/8"	R134A	STRAIGHT
7081844	VJE		193,43	3/8"	3/8"	R134A	
7054488	WJE		281,35	3/8"	3/8"	R134A	
7084708	WJE		281,35	5/8"	1/8"	R134A	
2082350	EBSVE15	ODF	53	7/8"	1"1/8	R22	STRAIGHT
3250165	OJE16	ODF	56,27	7/8"	1"3/8	R134A	STRAIGHT
3250162	SJE5	ODF	17,58	5/8"	7/8"	R134A	STRAIGHT
7081844	VJE		193,43	3/8"	3/8"	R134A	
7054488	WJE		281,35	3/8"	3/8"	R134A	
7084708	WJE		281,35	5/8"	1/8"	R134A	
2082350	EBSVE15	ODF	53	7/8"	1"1/8	R22	STRAIGHT
00PPG000460300A	ESX18A		3,5	3/8"	3/8"	R22 / R407C / R134A / R410A	ANGLE
00PPG000460400A	EXV 24B	ODF		3/8"	1/2"	R22/R407C/R134A/R410A	ANGLE
00PPG000460200A	EXV14A	ODF		3/8"	3/8"	R22/R407C/R134A/R410A	ANGLE
7480981	ERVE		7,03			R22/R407C	STRAIGHT
7480982	ERVE		10,6	1/2"	5/8"	R22/R407C	STRAIGHT
2078710	ERVE	ODF		5/8"	7/8"	R22/R407C	STRAIGHT
2077170	ERVE10C	ODF	35,17	5/8"	7/8"	R22/R407C	STRAIGHT
2082340	ERVE12	ODF	42,2	5/8"	7/8"	R22/R407C	STRAIGHT
2078670	ERVE12C	ODF	42,2	5/8"	7/8"	R22/R407C	STRAIGHT
2082300	ERVE3C	ODF	10,55	1/2"	5/8"	R22/R407C	STRAIGHT
2082320	ERVE5	ODF	17,58	1/2"	7/8"	R22/R407C	STRAIGHT
2078690	ERVE6C	ODF	21,1	1/2"	7/8"	R22/R407C	STRAIGHT
3250024	OVE		140,67	1"1/8"	1"3/8"	R22/R407C	STRAIGHT
3250025	OVE		246,18	1"1/8"	1"3/8"	R22/R407C	STRAIGHT
3250201	VVE		351,69	1"3/8"	1"3/8"	R22/R407C	STRAIGHT
7298139	BBINE		10,6			R407C	
7218244	BBINE		28,1	5/8"	7/8"	R407C	
2078680	EBSNE15C	ODF	53	7/8"	1"1/8"	R407C	STRAIGHT
7102601	BBIZE		5,28	1/2"	1/2"	R410A	
7093914	BBIZE		7,03	1/2"	1/2"	R410A	
0150408H64	BBIZE		7,03	1/4"	3/8"	R410A	STRAIGHT
7093915	BBIZE		10,6	1/2"	5/8"	R410A	
7093916	BBIZE		14,1	1/2"	5/8"	R410A	
0150408H65	BBIZE		14,1	3/8"	3/8"	R410A	STRAIGHT
7093918	BBIZE		17,6	1/2"	5/8"	R410A	
7093919	BBIZE		21,1	5/8"	7/8"	R410A	
00PPG000497400A	BBIZE		24,62	5/8"	7/8"	R410A	STRAIGHT
7093920	BBIZE		28,1	5/8"	7/8"	R410A	
0150408H63	BBIZE		28,1	5/8"	7/8"	R410A	STRAIGHT
7096241	BBIZE		52,75	7/8"	7/8"	R410A	
7096242	OZE		87,92	7/8"	1"1/8"	R410A	STRAIGHT
7100356	OZE		123,09	1"1/8"	1"3/8"	R410A	STRAIGHT
OZE35GA	OZE		123,09	1"1/8"	1"3/8"	R410A	STRAIGHT
7155329	OZE		175,84	1"1/8"	1"3/8"	R410A	STRAIGHT
7150199	OZEB		87,92	7/8"	1"1/8"	R410A	STRAIGHT
7150200	OZEB		123,09	7/8"	1"1/8"	R410A	STRAIGHT
3250340	INJ		1,76	3/8"	3/8"		
7026721	INJ		10,55	3/8"	3/8"		
7026723	INJ		17,58	3/8"	3/8"		

DANFOSS



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight	Capacity ou Nominal Capacity (kW)
00PPG000479300A	ETS12.5	SOLDER / ODF / ODM	70	5/8	5/8		
7312510	ETS25B	SOLDER / ODF / COPPER	144	7/8	7/8	STRAIGHT	
00PPG000481400A	ETS50	SOLDER / ODF / BI-METAL	262	7/8	7/8	STRAIGHT	
00PPG000484200A	ETS50	SOLDER / ODF / BI-METAL	262	7/8	1»1/8	STRAIGHT	
00PPG000484400A	ETS100	SOLDER / ODF / BI-METAL	488	1»1/8	1»1/8	STRAIGHT	
00PPG000446701A	ETS250	SOLDER / ODF / COPPER	874	1»1/8	1»1/8	STRAIGHT	
00PPG000484801A	ETS250	SOLDER / ODF / COPPER	874	1»1/8	1»1/8	STRAIGHT	
00PPG000484802A	ETS400	SOLDER / ODF / COPPER	1390	1»5/8	1»5/8	STRAIGHT	
00PPG000484803A	ETS400	SOLDER / ODF / COPPER	1390	2»1/8	2»1/8	STRAIGHT	
00PPG000479400A	ETS25			7/8		STRAIGHT	

ALCO-EMERSON

Complete thermostatic expansion valve (sold connections)
Capacity R22 at + 4°C evaporating temperature with + 38°C condensing
température



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight	Capacity ou Nominal Capacity (kW)
3250345	TCLE 1200HW	ODF	47,8	5/8	7/8	ANGLE	47,8

ALCO-EMERSON

Thermostatic expansion valves shipped (without body flange assy) with screws, gaskets, cage, power element and bulbe collar
Nominal capacity (kW) R134A to + 4°C (evaporating temperature) + 38°C (condensing temperature)



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight
--XA--12HA-002--EE	TERE 16MW	ODF	71	7/8	7/8	ANGLE
--XA--12HA-007--EE	TERE 19MW	ODF	81	7/8	7/8	ANGLE
--XA--12HA-015--EE	TERE 31MW		135			
--XA--12HA-006--EE	THRE 55MW					
--XA--12HA-016--EE	THRE 55MW		197			
--XA--12HA-017--EE	THRE 68MW		236			
--XA--12HA-004--EE	TIRE 45MW		174			
--XA--12HA-005--EE	TJRE 13MW		57			
7506120	TX7M04	ODF	22,5	5/8	7/8	STRAIGHT
7506116	TX7M05	ODF	27,5	5/8	7/8	STRAIGHT
7506119	TX7M06	ODF	45,4	7/8	1»1/8	STRAIGHT
7170217	EXL	ODF	13,7	1/4	1/4	ANGLE
7291484	EXM	ODM	23	1/4	1/4	ANGLE

ALCO-EMERSON

Thermostatic expansion valves shipped (without body flange assy) with screws, gaskets, cage, power element and bulbe collar
Nominal capacity (kW) R407C to + 4°C (evaporating temperature) + 38°C (condensing temperature)



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight	Capacity ou Nominal Capacity (kW)
00PSP000000241A	TX7N13	ODF	28,9	1/2	5/8	STRAIGHT	
00PSP000000242A	TX7N14	ODF	36	5/8	7/8	STRAIGHT	
00PSP000000243A	TX7N15	ODF	44,1	5/8	7/8	STRAIGHT	
00PSP000000244A	TX7N16	ODF	72,7	7/8	1»1/8	STRAIGHT	
00PSP000000247A	TX7N17	ODF	89,7	7/8	1»1/8	STRAIGHT	
7506121	TX7N05	ODF	44,1	5/8	7/8	STRAIGHT	
7173293	EX5 U31	ODF	16	5/8	7/8	STRAIGHT	
7142740	EX7 I21	ODF	131	1»1/8	1»3/8	STRAIGHT	
7192503	EX8 I21	ODF	399	1»3/8	1»3/8	STRAIGHT	
--XA--12BM-060--E-	TCLE 750NW	ODF	32,9	1/2	5/8	ANGLE	32,9
--XA--12BM-070--EE	TCLE 1000NW	ODF	44,4	5/8	7/8	ANGLE	44,4
--XA--12BM-111--EE	TERE 21NW	ODF	99	7/8	7/8	ANGLE	99
--XA--12BM-121--EE	TERE 25NW	ODF	112	7/8	7/8	ANGLE	112
--XA--12BM-131--EE	TERE 35NW	ODF	155	7/8	7/8	ANGLE	155
--XA--12BM-151--EE	TIRE 52NW	ODF	241	7/8	7/8	ANGLE	241
--XA--12BM-090--EE	TJRE 14NW	ODF	62	7/8	7/8	ANGLE	62
--XA--12BM-091--EE	TJRE 14NW	ODF	62	7/8	7/8	ANGLE	62
--XA--12BM-100--EE	TJRE 17NW	ODF	80	7/8	7/8	ANGLE	80
--XA--12BM-101--EE	TJRE 17NW						80
3250331	TX3 N36	ODF	11,6	3/8	1/2	STRAIGHT	
3250332	TX3 N37	ODF	14,2	1/2	5/8	STRAIGHT	
3250333	TX3 N38	ODF	16,9	1/2	5/8	STRAIGHT	
3250311	TX3 N64	ODF	5,6	3/8	1/2	STRAIGHT	
3250315	TX3 N65	ODF	8,4	3/8	1/2	STRAIGHT	
7216158	TX3N25	ODF	8,4	3/8	1/2	STRAIGHT	
7212428	TX3N26	ODF	11,6	3/8	1/2	STRAIGHT	
3250336	TX6 N14	ODF	35,7	5/8	7/8	STRAIGHT	
00PSP000000364A	TX7N04	ODF	36	5/8	7/8	STRAIGHT	
7092606	TERE 21NW	ODF	99	7/8	7/8	ANGLE	

DANFOSS

Complete thermostatic expansion valve (sold connections)

Evaporating range -25°C / +10°C

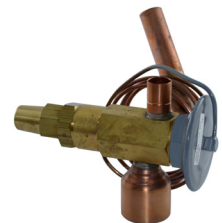
Maximum working pressure 30 bar 1/4 SAE external pressure equalization



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight	Capacity (tons)	Outlet diameter size (inch)	Inlet diameter size (inch)
--XA--12DF-010--EE	TGEX7.5	SOLDER / ODF	27	5/8	7/8	STRAIGHT	7,5	7/8 ODF	5/8 ODF
--XA--12DF-009--EE	TGEX6	SOLDER / ODF	20	1/2	5/8	STRAIGHT	5	5/8 ODF	1/2 ODF
--XA--12DF-014--EE	TGEX12	SOLDER / ODF	43	5/8	1»1/8	STRAIGHT	12	1-1/8 ODF	5/8 ODF
--XA--12DF-015--EE	TGEX18	SOLDER / ODF	63	7/8	1»1/8	STRAIGHT	-	SOLD ODF	SOLD ODF
--XA--12DF-016--EE	TGEX26	SOLDER / ODF	92	7/8	1»3/8	STRAIGHT	25	1-3/8 ODF	7/8 ODF

SPORLAN

Complete thermostatic expansion valve (sold connections)



Ordering references	Product range	Capacity ou Nominal Capacity (kW)	Connection size (inch)	Capillary length (m)
--EA--02SC-362--S	SVE5GA	17,5	5/8 - 5/8 ODF	1,5
--EA--03PC-462--S	PVE11GA	38,5	5/8 - 1-3/8 ODF	1,5
--EA--03PC-503--S	PVE16GA	56	7/8 - 1-3/8 ODF	1,5
--EA--03PC-519--S	PVE20GA	70	7/8 - 1-3/8 ODF	1,5

DANFOSS



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight
7210858	TGEN3.1	SCREW	8	3/8	1/2	STRAIGHT
2039200	TGEN8	SOLDER / ODF	29	5/8	7/8	STRAIGHT
2039210	TGEN10	SOLDER / ODF	37	7/8	1»1/8	STRAIGHT
2039220	TGEN12	SOLDER / ODF	44	7/8	1»1/8	STRAIGHT
2039350	TGEN17	SOLDER / ODF	61	7/8	1»3/8	STRAIGHT
2039230	TGEN20	SOLDER / ODF	70	5/8	1»3/8	STRAIGHT
068Z3348	TEN2	FLARE		3/8	1/2	ANGLE

DANFOSS



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight
7509193	TGEX11	SOLDER / ODF	38	5/8	7/8	STRAIGHT
AM036103	TGEX12	SOLDER / ODF	43	5/8	7/8	STRAIGHT
7087569	TEX2	FLARE		3/8	1/2	ANGLE
068Z3284	TEX2	FLARE / SOLDER		3/8	1/2	ANGLE
68U2236	TUAE	SOLDER / ODF		1/4	1/2	STRAIGHT
068-3360	TXI2	FLARE		3/8	1/2	ANGLE
23ZZ-500---641--EE	TE20	SOLDER / ODF / ODM		7/8	1»1/8	STRAIGHT
7021842	TUBE5	SOLDER / ODF	3,8	1/4	1/2	ANGLE
7305295	TGEZ2.5	SOLDER / ODF	9	3/8	5/8	STRAIGHT
7328120	TGEZ2.5	SOLDER / ODF	9	3/8	5/8	STRAIGHT
7239599	TGEZ3.5	SOLDER / ODF	13	1/2	7/8	STRAIGHT
7368302	TGEZ3.5	SOLDER / ODF	13	1/2	7/8	STRAIGHT
7303473	TGEZ5	SOLDER / ODF	19	1/2	5/8	STRAIGHT
0150408H53	TGEZ7	SOLDER / ODF	25	5/8	7/8	STRAIGHT
7239603	TGEZ7	SOLDER / ODF	25	5/8	7/8	STRAIGHT
7300602	TGEZ7	SOLDER / ODF	25	5/8	7/8	STRAIGHT
7239602	TGEZ10	SOLDER / ODF	36	5/8	1»1/8	STRAIGHT
7300603	TGEZ10	SOLDER / ODF	36	5/8	7/8	STRAIGHT
7305297	TGEZ10	SOLDER / ODF	36	5/8	1»1/8	STRAIGHT
0150408H54	TGEZ12	SOLDER / ODF	42	5/8	7/8	STRAIGHT
068H7171	TGEZ12	SOLDER / ODF	42	5/8	1»1/8	STRAIGHT
2043320	TGEZ12	SOLDER / ODF	42	5/8	7/8	STRAIGHT
7239604	TGEZ12	SOLDER / ODF	42	5/8	1»1/8	STRAIGHT
7318741	TGEZ12	SOLDER / ODF	42	5/8	1»1/8	STRAIGHT
0150408X55	TGEZ15	SOLDER / ODF	53	5/8	1»1/8	STRAIGHT
7300604	TGEZ15	SOLDER / ODF	53	5/8	1»1/8	STRAIGHT
7239605	TGEZ15	SOLDER / ODF	53	7/8	1»1/8	STRAIGHT
33160040012	TGEZ15	SOLDER / ODF	53	7/8	1»1/8	STRAIGHT
33160040017	TGEZ15	SOLDER / ODF	53	7/8	1»1/8	STRAIGHT
7239606	TGEZ18	SOLDER / ODF	62	7/8	1»1/8	STRAIGHT
7300605	TGEZ18	SOLDER / ODF	62	7/8	1»1/8	STRAIGHT
--XA--12CA-034--EE	TGEZ24	SOLDER / ODF	84	7/8	1»3/8	STRAIGHT
7239607	TGEZ24	SOLDER / ODF	84	5/8	7/8	STRAIGHT
7300606	TGEZ24	SOLDER / ODF	84	7/8	1»3/8	STRAIGHT
2042940	TGEZ27	SOLDER / ODF	95	7/8	1»3/8	STRAIGHT
7305299	TGEZ27	SOLDER / ODF	95	7/8	1»3/8	STRAIGHT
7239608	TGEZ34	SOLDER / ODF	121	1»1/8	1»3/8	STRAIGHT
068U232600	TUAE	SOLDER / ODF		1/4	1/2	STRAIGHT

DANFOSS



Ordering references	Product range	Frigo connection (inch)	Rated power (kW)	Input (inch)	Output (inch)	Straight
0150408H57	TUBE 6	SOLDER / ODF	9	1/4	1/2	ANGLE
7314311	TGEL9N	SOLDER / ODF	32	5/8	7/8	STRAIGHT
7314290	TGEL15	SOLDER / ODF	53	7/8	7/8	STRAIGHT
33160040020	TGEL15	SOLDER / ODF	54	5/8	1»1/8	STRAIGHT
7314321	TGEL19	SOLDER / ODF	68	7/8	1»1/8	STRAIGHT
7360504	TGEL19	SOLDER / ODF	68	7/8	7/8	STRAIGHT
33160040021	TGEL19	SOLDER / ODF	68	7/8	1»1/8	STRAIGHT
067N3012	TGEL19	SOLDER / ODF	68	7/8	1»1/8	STRAIGHT
7334348	TGEL23	SOLDER / ODF	79	5/8	1»1/8	STRAIGHT
7314328	TGEL23	SOLDER / ODF	79	7/8	1»1/8	STRAIGHT
7314329	TGEL31	SOLDER / ODF	110	7/8	1»3/8	STRAIGHT
2043480	TGEL46	SOLDER / ODF	161	1»1/8	1»3/8	STRAIGHT
7383133	TGEL5/3.5	SOLDER / ODF	18	1/2	5/8	STRAIGHT
2032750	TGEL7/4.5	SOLDER / ODF	24	1/2	7/8	STRAIGHT
7360495	TGEL10/6.5	SOLDER / ODF	35	1/2	5/8	STRAIGHT
7314317	TGEL19/13	SOLDER / ODF	68	5/8	7/8	STRAIGHT
7314320	TGEL23/15	SOLDER / ODF	81	5/8	7/8	STRAIGHT

CASTEL

Ball valves



Ordering references	Connection size (inch)	Straight valve	Maximum working pressure (bar)
--XL--12EJ-001--EE	3/8	X	45
--XL--12EJ-003--EE	5/8	X	45
--XL--12EJ-005--EE	7/8	X	45
--XL--12EJ-008--E-	1-5/8	X	45
--XL--12EJ-009--E-	2-1/8	X	45
--XL--12EJ-010--E-	2-5/8	X	45
--XL--12EJ-012--EE	1-5/8	X	45
--XL--12QA-003--EE	1	X	45

DANFOSS

Ball valves



Ordering references	Connection size (inch)	Working temperature range (°C)	Maximum working pressure (bar)
00PPG000023501A	1 1/8 IN	-40 - 150 °C	45
00PPG000023502A	1 3/8 IN	-40 - 150 °C	45
00PPG000023503A	1 5/8 IN	-40 - 150 °C	45
00PPG000452201A	3 1/8 IN	-40 - 150 °C	45
--XL--12AJ-001--EE	1/4 IN	-55 - 100 °C	45
--XL--12AJ-003--EE	1/2 IN	-55 - 100 °C	45
--XL--12AJ-004--EE	5/8 IN	-55 - 100 °C	45

DANFOSS

Actuated ball valves and actuator

Actuated ball valves shipped without actuator is

00PPG000030900A rotation angle 90°, 24V

Sold connections



Ordering references	Connection size (inch)	Straight valve	Maximum working pressure (bar)
00PPG000012500B	2-5/8 FEMALE	X	48
00PPG000012600B	2-1/8 FEMALE	X	48

WATTS

Cooling 2 ways water valves



Ordering references	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type	Connection size (inch)
0150404H60	2	2	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	E20C - 22C- OU 2.5MM	1/2 MALE
0150404X61	2	2	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C OU 2.5MM	3/4
0150425H07	2	2	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	22C OU 2.5MM	1/2
0150425H08	2	2	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C OU 2.5MM	3/4
0150425H09	2	2	25	4,5	16	1	2,5	EXTERN THREADED	4 TO 110	0.6 BAR	22C OU 2.5MM	1
00PPG000502100A	2	2	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C OU 2.5MM	
0150419H04	2	3	20		16	3/4		EXTERN THREADED				
0150102H15-	2	3	10		16	3/8		EXTERN THREADED	1 TO 200			

HONEYWELL



Ordering references	Product range	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type
7177245	VSOF	2	2	15	1,6	16	1/2	2,5	EXTERN THREADED	2 TO 120	300	M6410C/L - M7410C/E/A - M5410C/L -MT8/4
7306375	V2000	2	2	10	1,45	10	3/8	2,5	INTERN THREADED	-2 TO 130	100	MT / HR
5200709	V2000	2	2	10	1,7	10	3/8	2,5	INTERN THREADED	-2 TO 130	100	MT / HR
V2000DUB15	V2000	2	2	15	1,85	10	1/2	2,5	INTERN THREADED	-2 TO 130	100	MT / HR
907553	V5832	2	2	15	1,6	16	1/2	6,5	EXTERN THREADED	2 TO 120	180	MT / ME7410 - M6410C/L - M7410C/E/A - M4450/M8450 - Z100
V5832A4008	V5832	2	2	15	1,6	16	1/2	2,5	EXTERN THREADED	2 TO 120	180	MT / ME7410 - M6410C/L - M7410C/E/A - M4450/M8450 - Z100
XL12FA027EE	V5832	2	2	15	1	16	1/2	6,5	EXTERN THREADED	2 TO 120	180	MT / ME7410 - M6410C/L - M7410C/E/A - M4450/M8450 - Z100
5202235	V5832	2	2	20	2,5	16	3/4	6,5	EXTERN THREADED	2 TO 120	50	MT / ME7410 - M6410C/L - M7410C/E/A - M4450/M8450 - Z100
907554	V5832	2	2	20	4	16	3/4	6,5	EXTERN THREADED	2 TO 120	50	MT / ME7410 - M6410C/L - M7410C/E/A - M4450/M8450 - Z100
907556	V5832	2	2	25	10	16	1»1/2	6,5	EXTERN THREADED	2 TO 130	1600 KPA - 300N	M7410C/E - M6410C/L - ML74/64
907555	V5832	2	2	25	6,3	16	1»1/2	6,5	EXTERN THREADED	2 TO 130	1600 KPA - 300N	M7410C/E - M6410C/L - ML74/64
907557	V5832	2	2	32	16	16	2	6,5	EXTERN THREADED	2 TO 130	1200 KPA - 300N	M7410C/E - M6410C/L - ML74/64

HONEYWELL



Ordering references	Product range	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type
XM12AH019EE	VSOF	2	2	15	1	16	1/2	2,5	EXTERN THREADED	2 TO 120	600	M6410C/L - M7410C/E/A - M5410C/L - MT8/4
7177246	VSOF	2	2	20	2,5	16	3/4	2,5	EXTERN THREADED	2 TO 120	200	M6410C/L - M7410C/E/A - M5410C/L - MT8/4
7177247	VSOF	2	2	20	4	16	3/4	2,5	EXTERN THREADED	2 TO 120	100	M6410C/L - M7410C/E/A - M5410C/L - MT8/4
907558	V5832	2	2	40	25	16	2»1/4	6,5	EXTERN THREADED	2 TO 130	1000 KPA - 300N	M7410C/E - M6410C/L - ML74/64
7343808	V9071	2	2	15	1,6	16	1/2	6,5	EXTERN THREADED	2 TO 130	16 BAR	M4450/M8450 - M7410C/E - M6410C/L -
7343807	VSMF	2	2	15	1	16	1/2	6,5	EXTERN THREADED	2 TO 120	600	M7410C/E - MT8 - M5410C/L - M6410C/L -
00PPG000504900-	VSMF	2	2	20	2,5	16	3/4	6,5	EXTERN THREADED	2 TO 120	250KPA -180N	M7410C/E - MT8 - M5410C/L - M6410C/L -
00PPG000505000-	VSMF	2	2	20	4	16	3/4	6,5	EXTERN THREADED	2 TO 120	50	M7410C/E - MT8 - M5410C/L -
--XM--12BL-003-EE	V9071	2	2	15	1	16	1/2	6,5	EXTERN THREADED	2 TO 130	16 BAR	M4450/M8450 - M7410C/E -
XM12BL010EE	V9071	2	2	20	2,5	16	3/4	6,5	EXTERN THREADED	2 TO 130	16 BAR	M4450/M8450 - M7410C/E

SIEMENS

Ordering references	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type
907231	2	3	15	1,6	16	3/4	5,5	EXTERN THREADED	1 TO 120	400	SAS - SQS
907330	2/3	3	25	8	16	1	8	INTERN THREADED	2 TO 130	300	AC 24V / DC 4-20MA

HONEYWELL

Cooling 3 ways water valves



Ordering references	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type	Connection size (inch)
0150404X64	3	3	15	1,6	16	1/2	2,5	EXTERN THREADED	2 TO 120	150	M4450/ M8450 - M7410C/E/A - M100/Z100/ H200	1/2
7177249	3	4	15	1,6	16	1/2	2,5	EXTERN THREADED	2 TO 120	300/200	M6410C/L - M7410C/E/A - M5410C/L -MT8/4	1/2

WATTS



Ordering references	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type	Connection size (inch)
0150404H41	3	3	20	4	16	3/4	4	ODF	4 TO 110	1.5 BAR	ETE - ETM	3/4 FEMALE
0150404H42	3	3	25	6,5	16	1	4	ODF	4 TO 110	1.5 BAR	ETE - ETM	1 FEMALE
0150404H59	3	3	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	E20C - 22C	3/4 MALE
0150404H97	3	3	25	4,5	16	1	2,5	EXTERN THREADED	4 TO 110	0.6 BAR	22C	1
0150404X58	3	3	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	22C	1/2 MALE
0150425H23	3	4	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	22C	1/2
0150425H24	3	4	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C	3/4

SIEMENS

3 ways valves



Ordering references	Product range	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type
907292	VXF	3	3	65	63	10		20	BRIDE	-10 TO 150	150-200-400	SAX - SKD - SKB
--XL--12FA-044-EE	VXF	3	3	50	31,5	16	3/4	20	BRIDE	-10 TO 150	300-400-400	SAX-SKD-SKB
VXF22.50-40	VXF	3	3	50	40	6		40	BRIDE	-10 TO 130	300	SAX-SKC-SKD-SKB
907261	VXG	3	3	20	6,3	16	1»1/4	5,5	EXTERN THREADED	1 TO 120	400	SAS - SQS
907262	VXG	3	3	25	10	16	1»1/2	5,5	EXTERN THREADED	1 TO 120	300	SAS - SQS
907218	VXG	3	3	40	20	16		5,5	EXTERN THREADED	1 TO 120		SSY319 - SSC(61)
907264	VXG	3	3	40	25	16	2»1/4	5,5	EXTERN THREADED	1 TO 120	100	SAS - SQS
7385430	VXG	3	3	40	25	16	2»1/4	5,5		-25 TO 150	525	SAX-SKD-SKB
42BJ570543M002-	VXP	3	3	10	1	16	1/2	2,5	EXTERN THREADED	1 TO 110		STA-SFA-SUA-SSA
31020050010	VXP	3	3	32	16	16		5,5	EXTERN THREADED	1 TO 110		SSC-SSB

HONEYWELL

Cooling 3 ways water valves



Ordering references	Product range	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type	Connection size (inch)
V5329A1038	V5329	3	3	25	10	16	1»1/4	20	BRIDE	2 TO 170	1000 - 600N	ML6420/25 - ML7420/25 - M64/7421 - MP953	
7339363	V5329	3	3	50	40	16		20	BRIDE	2 TO 170	260 - 600N	ML6420/25 - ML7420/25 - M64/7421 - MP953	
7170784	V5329	3	3	65	63	16	2»1/2	20	BRIDE	2 TO 170	160 - 600N	ML6420/25 - ML7420/25 - M64/7421 - MP953	
V5823A4017	V5823	3	3	20	2,5	16	3/4	2,5	EXTERN THREADED	2 TO 120	50	M4450/M8450 - M7410C/E/A - M100/Z100/H200	
XL12FA014EE	V135	3	3	15	2,8	16	1/2	2	EXTERN THREADED	2 TO 120		T100R /RS	
XL12FA031EE	V5833	3	3	15	0,4	16	1/2	6,5	EXTERN THREADED	2 TO 120	500		
XL12FA023EE	V5833	3	3	15	0,63	16	1/2	6,5	EXTERN THREADED	2 TO 120	500		
XL12FA024EE	V5833	3	3	15	1,6	16	1/2	6,5	EXTERN THREADED	2 TO 120	150		
XL12FA032EE	V5833	3	3	15	1	16	1/2	6,5	EXTERN THREADED	2 TO 120	150	ME7410E2026	
907551	V5833	3	3	20	2,5	16	3/4	6,5	EXTERN THREADED	2 TO 120	240 KPA - 180N	M6410C.L - M7410C.E	
XL12FA033EE	V5833	3	3	20	2,5	16	3/4	6,5	EXTERN THREADED	2 TO 120	50	M6410C.L - M7410C.E - MT4/8	
907552	V5833	3	3	20	4	16	3/4	6,5	EXTERN THREADED	2 TO 120	240 KPA - 180N	M6410C.L - M7410C.E	
907544	V5833	3	3	25	10	16	1»1/2	6,5	EXTERN THREADED	2 TO 120	600 - 300N	M7410C/E - M6410C/L - ML74/64	
907543	V5833	3	3	25	6,3	16	1»1/2	6,5	EXTERN THREADED	2 TO 120	600 - 300N	M7410C/E - M6410C/L - ML74/64	
907545	V5833	3	3	32	16	16	2	6,5	EXTERN THREADED	2 TO 120	300 - 300N	M7410C/E - M6410C/L - ML74/64	

HONEYWELL

Cooling 3 ways water valves



Ordering references	Product range	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type	Connection size (inch)
907546	V5833	3	3	40	25	16	2»1/4	6,5	EXTERN THREADED	2 TO 120	1000 KPA - 400N	M7410C/E - M6410C/L - ML74/64	
000136-	VCZ	3	3	25	6,8	16	1	10	EXTERN THREADED	1 TO 95	414	VC	
0150404H89	V5823	3	4	15	1,6	16	1/2	2,5	EXTERN THREADED	2 TO 120	150	M4450/M8450 - M7410C/E/A - M100/Z100/H200	1/2 MALE
0150404H90	V5823	3	4	20	2,5	16	1»1/8	2,5	EXTERN THREADED	2 TO 120	50	M4450/M8450 - M7410C/E/A - M100/Z100/H200	3/4 MALE
--XL--12CA-014-EE	V5833	3	4	15	1	16	1/2	6,5	EXTERN THREADED	2 TO 120	150	ME7410E2026	
V5833C4011	V5833	3	4	20	2,5	16	3/4	2,5	EXTERN THREADED	2 TO 120	50	ME7410E2026	
7387318	V5833	3	4	20	4	16	3/4	6,5	EXTERN THREADED	2 TO 120	240 - 180N	ME7410E2026	
7343813	VSMF	3	4	15	1,6	16	1/2	6,5	EXTERN THREADED	2 TO 120	300	M6410C/L - M7410C/E - MT8 - M5410C/L M6410C/L	
7343812	VSMF	3	4	15	1	16	1/2	6,5	EXTERN THREADED	2 TO 120	600	- M7410C/E - MT8 - M5410C/L M6410C/L	
00PPG000505300-	VSMF	3	4	20	2,5	16	3/4	6,5	EXTERN THREADED	2 TO 120	150	- M7410C/E - MT8 - M5410C/L M6410C/L	
00PPG000505400-	VSMF	3	4	20	4	16	3/4	6,5	EXTERN THREADED	2 TO 120	50	- M7410C/E - MT8 - M5410C/L M6410C/L	
7177250	VSOF	3	4	20	2,5	16	3/4	2,5	EXTERN THREADED	2 TO 120	200	M6410C/L - M7410C/E/A - M5410C/L - MT8/4	

WATTS INDUSTRIES



Ordering references	Product range	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	ΔP MAX (KPa) A 90N	Actuator type	Connection size (inch)
0150404H76		3	3	10	2,5	16	3/4		EXTERN THREADED				
0150404H75	3131	3	3	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	E20C -22C	
0100104H28	V3BM	3	3		6	16	3/4	4		1 TO 110	1.5 BAR	M400 - M800 - ETE	
0100104H30	V3BM	3	3		6	16	3/4	4		1 TO 110	1.5 BAR	M400 - M800 - ETE	
0150425H25	3131	3	4	25		16	1	2,5	EXTERN THREADED	4 TO 110		22C	
0150404H93	4131	3	4	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	22C	
00PPG000502200A	4131	3	4	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C	
0150404H94	4131	3	4	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C	
0150404H98	VU311	3	4	25		16	1	4	ODF	4 TO 110	1.5 BAR	ETE - ETM	
0150404H40	VU04	3	4	15		16	1/2	4	ODM	4 TO 110	2 BAR	ETE - ETM	1/2 MALE
0150404H91	4131	3	4	15	1,7	16	1/2	2,5	EXTERN THREADED	4 TO 110	0.8 BAR	22C	1/2 MALE
0150404H92	4131	3	4	20	2,8	16	3/4	2,5	EXTERN THREADED	4 TO 110	0.7 BAR	22C	3/4 MALE
0150404X32	VU04	3	4	15		16	1/2	4	ODM	4 TO 110	2 BAR	ETE - ETM	1/2 MALE

RANCO & INVENSYS

4 ways valves shipped without coil
Please contact us for the coil references
R22 reversing valve



Ordering references	Product range	Capacity (tons)	Capacity ou Nominal Capacity (kW)	Suction sold connection size (mm)
7089566	V12-4220T0200	-	46,78	35,13
--EF--17BG-247--S	L30	5,5	19	3/4
--XL--12CA-003--EE	LB6	9.5	33	1-1/8
--XL--12CA-004--EE	V10-318140-100	20	70	1-3/8
--XL--12CA-010--EE	LB6	NC	180	2-5/8

SIEMENS

Ordering references	WAY	PIPE	DN	KV	PN	Frigo connection (inch)	Stroke (mm)	Type connexion	Medium temperature	Actuator type
42EL570082M-	4	3	10	1,6	16	1/2	2,5	EXTERN THREADED	1 TO 110	STA-SFA-SUA-SSA
42EL570042M	4	3	10	1	16	1/2	2,5	EXTERN THREADED	1 TO 110	STA-SFA-SUA-SSA



DANFOSS

Solenoid Valves | Shipped with 220V 50Hz coil (AMP connectors)

You can also adapt these 2 coils :

-XM-12YA-010-EE = 220V, 10W coil

-XM-12ZN-017-EE = 24V, 10W coil



Ordering references	Product range	Piping diameter size (inch)	Fluid working temperature (°C)
00PPG000008502A	EVRH25S	1/8	-40 / +105
00PPG000008504A	EVRH40	1-5/8	-40 / +105
00PPG000008507A	EVR6	3/8	- 40 / + 105
00PPG000008508A	EVRH10	1/2	- 40 / + 105
00PPG000018200A	EVR15	5/8	-
00PPG0000445600A	EVRH25	1-1/8	-40 / +105
00PPG0000467400A	EVR2	1/4	-40 / +105
00PPG0000472701A	EVR10	5/8	-40 / +105
032F1172	EVR15	5/8	-
032F1188	EVR10	1/2	-
032F1189	EVR25	1 1/8	-
032F1190	EVR25	1 1/8	-
032F8072	EVR15	3/8	- 40 / + 105
032F8107	EVR3	1/4	- 40 / + 105
--XM--12AE-008--EE	S4A	1	-
--XM--12AE-009--EE	S4A	1 1/4	-
--XM--12BE-009--EE	EVR10	1/2	-40 / +105
--XM--12BE-010--EE	EVR15	5/8	-40 / +105
--XM--12BE-012--EE	EVR20	7/8	- 40 / + 105
--XM--12BE-016--E-	EVR25	1-1/8	-40 / +105
--XM--12BE-029--EE	EVR10	16 MM	- 40 / + 105
--XM--12BH-002--EE	EVR3	1/4	- 40 + 105
--XM--12BH-003--EE	EVR6	3/8	- 40 + 105
--XM--12BH-006--EE	EVR15	7/8	- 40 + 105
--XM--12BH-007--EE	EVR20	7/8	- 40 + 105
--XM--12BH-008--EE	EVR20	1-1/8	- 40 + 105
--XM--12BH-010--EE	EVR25	1-3/8	- 40 + 105
--XM--12FB-011--EE	EVR32	35 MM	- 40 / + 105
--XM--12FB-012--EE	EVR20	7/8 X 7/8	- 40 / + 105
--XM--12FB-013--E-	EVR40	1-5/8	- 40 / + 105

ALCO

Solenoid Valves | Shipped with 220V 50Hz coil and connector, IP65 protection

You can also adapt these 3 coils :

-XM-12CY-024-EE = 24V coil

-XM12ZA-115-EE = 115V coil

-XM-12ZA-230-EE / 0000000000000801064 = 230V coil



Ordering references	Product range	Piping diameter size (inch)	Seating diameter (inch)
801162	240RA9T7T	7/8 ODF	1/2
801163	240RA12T7T	7/8 ODF	9/16
--XM--12AH-012--EE	200RB4T3	3/8 ODF	-
--XM--12EB-331--EE	240RA16T9T	7/8 ODF	3/4

CASTEL

Screw angle valves

R22, R134A and R407C applications

Maximum working pressure = 30 bar

Internal working temperature -20°C to +100°C

Ambient working temperature -20°C to +50°C



Ordering references	Connection size (inch)
--XL--12AA-001--EE	1/4 - 1/4
--XL--12AA-002--EE	1/4 - 3/8
--XL--12AA-003--EE	3/8 - 1/4
--XL--12AA-004--EE	3/8 - 3/8
--XL--12AA-007--EE	1/4 - 1/4
--XL--12AA-008--EE	1/2 - 1/2
--XL--12AA-009--EE	5/8 - 1/2

ALCO

Accurators pistons
BRASS BODY FLANGES

Ordering references	Product range	Outlet diameter size (inch)	Inlet diameter size (inch)
--EA--09GB-005--C	-	7/8 ODF	1-1/8 ODM 7/8 ODF
--EA--09GB-008--C	-	7/8 ODF	1-1/8 ODM 7/8 ODF
--XA--12AI-001--EE	9152-PCN 803 286	7/8 ODF	1-1/8 ODM 7/8 ODF
--XA--12FA-002--EE	-	5/8 ODF	7/8 ODM
--XA--12FA-003--EE	I0332-PCN 803 324	7/8 ODF	1-1/8 ODM 7/8 ODF
--XA--12FA-004--EE	I0331-PCN 803 338	7/8 ODF	1-1/8 ODM 7/8 ODF



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ABB

Motors IE3
B3



Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (Hz)
7403941	2	3000	0,75	230/400	80	PTC	NOT	3000/3602	0,75	50/60
7403987	2	3000	0,75	230/400	80	PTO	NOT	3000/3603	0,75	50/60
7403942	2	3000	1,1	230/400	80	PTC	NOT	3000/3607	1,1	50/60
7403988	2	3000	1,1	230/400	80	PTO	NOT	3000/3608	1,1	50/60
7403989	2	3000	1,5	400	90	PTO		3000/3612	1,5	50/60
7403943	2	3000	1,5	230/400	90	PTC	NOT	3000/3613	1,5	50/60
7403944	2	3000	2,2	230/400	90	PTC	NOT	3000/3617	2,2	50/60
7403990	2	3000	2,2	230/400	90	PTO	NOT	3000/3618	2,2	50/60
7403945	2	3000	3	230/400	100	PTC	NOT	3000/3620	3	50/60
7403991	2	3000	3	230/400	100	PTO	NOT	3000/3621	3	50/60
7403946	2	3000	4	230/400	112	PTC	NOT	3000/3623	4	50/60
7403992	2	3000	4	230/400	112	PTO	NOT	3000/3624	4	50/60
7403947	2	3000	5,5	400/690	132	PTC	NOT	3000/3627	5,5	50/60
7403993	2	3000	5,5	400/690	132	PTO	NOT	3000/3628	5,5	50/60
7403948	2	3000	7,5	400/690	132	PTC	NOT	3000/3630	7,5	50/60
7403994	2	3000	7,5	400/690	132	PTO	NOT	3000/3631	7,5	50/60
7403995	2	3000	11	400/690	160	PTO	NOT	3000/3634	11	50/60
7403950	2	3000	15	400/690	160	PTC	NOT	3000/3637	15	50/60
7403996	2	3000	15	400/690	160	PTO	NOT	3000/3638	15	50/60
7403951	2	3000	18,5	400/690	160	PTC	NOT	3000/3641	18,5	50/60
7403997	2	3000	18,5	400/690	160	PTO	NOT	3000/3642	18,5	50/60
7403952	2	3000	22	400/690	180	PTC	NOT	3000/3644	22	50/60
7403998	2	3000	22	400/690	180	PTO	NOT	3000/3645	22	50/60
7403953	2	3000	30	400/690	200	PTC	NOT	3000/3647	30	50/60
7403999	2	3000	30	400/690	200	PTO	NOT	3000/3648	30	50/60
7403954	2	3000	37	400/690	200	PTC	NOT	3000/3650	37	50/60
7404000	2	3000	37	400/690	200	PTO	NOT	3000/3651	37	50/60
7403955	2	3000	45	400/690	225	PTC	NOT	3000/3653	45	50/60
7404001	2	3000	45	400/690	225	PTO	NOT	3000/3654	45	50/60
7403956	2	3000	55	400/690	250	PTC	NOT	3000/3656	55	50/60
7404002	2	3000	55	400/690	250	PTO	NOT	3000/3657	55	50/60

ABB

Motors IE3
B3



Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (Hz)
7403957	4	1500	0,75	230/400	80	PTC	NOT	1500/1800	0,75	50/60
7404003	4	1500	0,75	230/400	80	PTO	NOT	1500/1800	0,75	50/60
7403958	4	1500	1,1	230/400	90	PTC	NOT	1500/1800	1,1	50/60
7404004	4	1500	1,1	230/400	90	PTO	NOT	1500/1800	1,1	50/60
7403959	4	1500	1,5	230/400	90	PTC	NOT	1500/1800	1,5	50/60
7404005	4	1500	1,5	230/400	90	PTO	NOT	1500/1800	1,5	50/60
7403960	4	1500	2,2	230/400	100	PTC	NOT	1500/1800	2,2	50/60
7404006	4	1500	2,2	230/400	100	PTO		1500/1800	2,2	50/60
7403961	4	1500	3	230/400	100	PTC	NOT	1500/1800	3	50/60
7404007	4	1500	3	230/400	100	PTO	NOT	1500/1800	3	50/60
7403962	4	1500	4	230/400	112	PTC	NOT	1500/1800	4	50/60
7404008	4	1500	4	230/400	112	PTO	NOT	1500/1800	4	50/60
7403963	4	1500	5,5	400/690	132	PTC	NOT	1500/1800	5,5	50/60
7404009	4	1500	5,5	400/690	132	PTO	NOT	1500/1800	5,5	50/60
7403964	4	1500	7,5	400/690	132	PTC	NOT	1500/1800	7,5	50/60
7404010	4	1500	7,5	400/690	132	PTO	NOT	1500/1800	7,5	50/60
7403965	4	1500	11	400/690	160	PTC	NOT	1500/1800	11	50/60
7404011	4	1500	11	400/690	160	PTO	NOT	1500/1800	11	50/60
7403966	4	1500	15	400/690	160	PTC	NOT	1500/1800	15	50/60
7404012	4	1500	15	400/690	160	PTO	NOT	1500/1800	15	50/60
7403967	4	1500	18,5	400/690	180	PTC	NOT	1500/1800	18,5	50/60
7404013	4	1500	18,5	400/690	180	PTO	NOT	1500/1800	18,5	50/60
7403968	4	1500	22	400/690	180	PTC	NOT	1500/1800	22	50/60
7404014	4	1500	22	400/690	180	PTO	NOT	1500/1800	22	50/60
7403969	4	1500	30	400/690	200	PTC	NOT	1500/1800	30	50/60
7404015	4	1500	30	400/690	200	PTO	NOT	1500/1800	30	50/60
7403970	4	1500	37	400/690	225	PTC	NOT	1500/1800	37	50/60
7404016	4	1500	37	400/690	225	PTO	NOT	1500/1800	37	50/60
7403971	4	1500	45	400/690	225	PTC	NOT	1500/1800	45	50/60
7404017	4	1500	45	400/690	225	PTO	NOT	1500/1800	45	50/60
7403972	4	1500	55	400/690	250	PTC	NOT	1500/1800	55	50/60
7404018	4	1500	55	400/690	250	PTO	NOT	1500/1800	55	50/60

ABB

Motors IE3
B3



Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (HZ)
7403973	6	1000	0,75	230/400	90	PTC	NOT	1000/1200	0,75	50/60
7404019	6	1000	0,75	230/400	90	PTO	NOT	1000/1200	0,75	50/60
7403974	6	1000	1,1	230/400	90	PTC	NOT	1000/1200	1,1	50/60
7404020	6	1000	1,1	230/400	90	PTO	NOT	1000/1200	1,1	50/60
7403975	6	1000	1,5	230/400	100	PTC	NOT	1000/1200	1,5	50/60
7404021	6	1000	1,5	230/400	100	PTO	NOT	1000/1200	1,5	50/60
7403976	6	1000	2,2	230/400	112	PTC	NOT	1000/1200	2,2	50/60
7404022	6	1000	2,2	230/400	112	PTO	NOT	1000/1200	2,2	50/60
7403977	6	1000	3	230/400	132	PTC	NOT	1000/1200	3	50/60
7404023	6	1000	3	230/400	132	PTO	NOT	1000/1200	3	50/60
7403978	6	1000	4	230/400	132	PTC	NOT	1000/1200	4	50/60
7404024	6	1000	4	230/400	132	PTO	NOT	1000/1200	4	50/60
7403979	6	1000	5,5	400/690	132	PTC	NOT	1000/1200	5,5	50/60
7404025	6	1000	5,5	400/690	132	PTO	NOT	1000/1200	5,5	50/60
7403980	6	1000	7,5	400/690	160	PTC	NOT	1000/1200	7,5	50/60
7404026	6	1000	7,5	400/690	160	PTO	NOT	1000/1200	7,5	50/60
7403981	6	1000	11	400/690	160	PTC	NOT	1000/1200	11	50/60
7404027	6	1000	11	400/690	160	PTO	NOT	1000/1200	11	50/60
7403982	6	1000	15	400/690	180	PTC	NOT	1000/1200	15	50/60
7404028	6	1000	15	400/690	180	PTO	NOT	1000/1200	15	50/60
7403983	6	1000	18,5	400/690	200	PTC	NOT	1000/1200	18,5	50/60
7404029	6	1000	18,5	400/690	200	PTO	NOT	1000/1200	18,5	50/60
7403984	6	1000	22	400/690	200	PTC	NOT	1000/1200	22	50/60
7404030	6	1000	22	400/690	200	PTO	NOT	1000/1200	22	50/60
7403985	6	1000	30	400/690	225	PTC	NOT	1000/1200	30	50/60
7404031	6	1000	30	400/690	225	PTO	NOT	1000/1200	30	50/60
7403986	6	1000	37	400/690	250	PTC	NOT	1000/1200	37	50/60
7404032	6	1000	37	400/690	250	PTO	NOT	1000/1200	37	50/60
7467336	8	750	18,5	400	225			750/900	18,5	50/60

ABB

B3

Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (Hz)
7206328	2/4	3000	1,1	400	80	PTC		3000/1500	1.1/0.25	50/60
7206382	2/4	3000	1,1	400	80	PTC	NOT	3000/1500	1.1/0.25	50/60
7206383	2/4	3000	1,5	400	90	PTC	NOT	3000/1500	1.5/0.33	50/60
7206329	2/4	3000	1,5	400	90	PTO		3000/1500	1.5/0.33	50/60
7206384	2/4	3000	2,2	400	90	PTC	NOT	3000/1500	2.2/0.45	50/60
7206330	2/4	3000	2,2	400	90	PTO		3000/1500	2.2/0.45	50/60
7206385	2/4	3000	3	400	100	PTC	NOT	3000/1500	3/0.6	50/60
7206331	2/4	3000	3	400	100	PTO		3000/1500	3/0.6	50/60
7206386	2/4	3000	4,5	400	112	PTC	NOT	3000/1500	4.5/1	50/60
7206332	2/4	3000	4,5	400	112	PTO		3000/1500	4.5/1	50/60
7206333	2/4	3000	6,2	400	132	PTO	NOT	2880/1455	6.2/1.3	50/60
7206387	2/4	3000	6,2	400	132	PTC	NOT	3000/1500	6.2/1.3	50/60
7206388	2/4	3000	8,3	400	132	PTC	NOT	3000/1500	8.3/1.7	50/60
7206334	2/4	3000	8,3	400	132	PTO	NOT	3000/1500	8.3/1.7	50/60
7206389	2/4	3000	16	400	160	PTC	NOT	3000/1500	16/3.2	50/60
7206390	2/4	3000	19,5	400	160	PTC	NOT	3000/1500	19.5/4.5	50/60
7206391	2/4	3000	26	400	180	PTC	NOT	3000/1500	26/5.2	50/60
7206392	2/4	3000	32	400	200	PTC	NOT	3000/1500	32/8	50/60
7206393	2/4	3000	42	400	200	PTC	NOT	3000/1500	42/11	50/60
7342565	4	1500	3	230/400	100			1500/1800	3	50/60
7206394	4/6	1500	0,78	400	80	PTC	NOT	1500/1000	0.78/0.3	50/60
7206340	4/6	1500	0,78	400	80	PTO	NOT	1500/1000	0.78/0.3	50/60
7206410	4/6	1500	1	400	90	PTC	NOT	1500/1000	1/0.3	50/60
7206375	4/6	1500	1	400	90	PTO	NOT	1500/1000	1/0.3	50/60
7206395	4/6	1500	1,5	400	90	PTC	NOT	1500/1000	1.5/0.45	50/60
7206341	4/6	1500	1,5	400	90	PTO	NOT	1500/1000	1.5/0.45	50/60
7206396	4/6	1500	2,5	400	100	PTC	NOT	1500/1000	2.5/0.8	50/60
7206342	4/6	1500	2,5	400	100	PTO	NOT	1500/1000	2.5/0.8	50/60
7206397	4/6	1500	3	400	112	PTC	NOT	1500/1000	3/1	50/60
7206343	4/6	1500	3	400	112	PTO		1500/1000	3/1	50/60
7206398	4/6	1500	4,5	400	132	PTC	NOT	1500/1000	4.5/1.5	50/60
7206344	4/6	1500	4,5	400	132	PTO	NOT	1500/1000	4.5/1.5	50/60
7206399	4/6	1500	6	400	132	PTC	NOT	1500/1000	6/2	50/60
7206345	4/6	1500	6	400	132	PTO	NOT	1500/1000	6/2	50/60
7206400	4/6	1500	10,5	400	160	PTC	NOT	1500/1000	10.5/3.5	50/60
7206346	4/6	1500	10,5	400	160	PTO	NOT	1500/1000	10.5/3.5	50/60

ABB

B3

Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (HZ)
7206401	4/6	1500	14,5	400	160	PTC	NOT	1500/1000	14.5/4.5	50/60
7206347	4/6	1500	14,5	400	160	PTO	NOT	1500/1000	14.5/4.5	50/60
7206402	4/6	1500	20	400	180	PTC	NOT	1500/1000	20/6.5	50/60
7206403	4/6	1500	30	400	200	PTC	NOT	1500/1000	30/9	50/60
7206404	4/6	1500	34	400	225	PTC	NOT	1500/1000	34/11	50/60
7206405	4/6	1500	42	400	225	PTC	NOT	1500/1000	42/14	50/60
7206409	4/6	1500	50	400	250	PTO	NOT	1500/1000	50/32	50/60
7206411	4/8	1500	0,37	400	71	PTC	NOT	1500/750	0.37/0.09	50/60
7206355	4/8	1500	0,37	400	71	PTO		1500/750	0.37/0.09	50/60
7206430	4/8	1500	0,55	400	80	PTC	NOT	1500/750	0.55/0.13	50/60
7206376	4/8	1500	0,55	400	80	PTO	NOT	1500/750	0.55/0.13	50/60
7206412	4/8	1500	0,75	400	80	PTC	NOT	1500/750	0.75/0.17	50/60
7206356	4/8	1500	0,75	400	80	PTO		1500/750	0.75/0.17	50/60
7206431	4/8	1500	0,9	400	80	PTC	NOT	1500/750	0.9/0.2	50/60
7206377	4/8	1500	0,9	400	80	PTO	NOT	1500/750	0.9/0.2	50/60
7206413	4/8	1500	1,7	400	90	PTC	NOT	1500/750	1.7/0.35	50/60
7206357	4/8	1500	1,7	400	90	PTO		1500/750	1.7/0.35	50/60
7206432	4/8	1500	1,85	400	100	PTC	NOT	1500/750	1.85/0.25	50/60
7206378	4/8	1500	1,85	400	100	PTO	NOT	1500/750	1.85/0.25	50/60
7206414	4/8	1500	2,3	400	100	PTC	NOT	1500/750	2.3/0.5	50/60
7206358	4/8	1500	2,3	400	100	PTO		1500/750	2.3/0.5	50/60
7206429	4/8	1500	3	400	100	PTC	NOT	1500/750	3/0.65	50/60
7206373	4/8	1500	3	400	180	PTO	NOT	1500/750	3/0.65	50/60
7206415	4/8	1500	3,7	400	112	PTC	NOT	1500/750	3.7/1	50/60
7206359	4/8	1500	3,7	400	112	PTO		1500/750	3.7/1	50/60
7206416	4/8	1500	6,8	400	132	PTC	NOT	1500/750	6.8/1.4	50/60
7206360	4/8	1500	6,8	400	132	PTO		1500/750	6.8/1.4	50/60
7206417	4/8	1500	8,4	400	132	PTC	NOT	1500/750	8.4/2.05	50/60
7206362	4/8	1500	10,5	400	132	PTO	NOT	1500/750	10.5/2.2	50/60
7206418	4/8	1500	10,5	400	160	PTC	NOT	1500/750	10.5/2.2	50/60
7206433	4/8	1500	13	400	160	PTC	NOT	1500/750	13/1.8	50/60
7206379	4/8	1500	13	400	160	PTO		1500/750	13/1.8	50/60
7206419	4/8	1500	15,5	400	160	PTC	NOT	1500/750	15.5/2.7	50/60
7206363	4/8	1500	15,5	400	160	PTO		1500/750	15.5/2.7	50/60
7206364	4/8	1500	22	400	160	PTO	NOT	1500/750	22/4.4	50/60
7206434	4/8	1500	26	400	200	PTC	NOT	1500/750	26/3.3	50/60
7206380	4/8	1500	26	400	200	PTO	NOT	1500/750	26/3.3	50/60
7206365	4/8	1500	33	400	200	PTO	NOT	1500/750	33/8	50/60
7206435	6/12	1000	4	400	132	PTC	NOT	1000/500	4/0.75	50/60
7206381	6/12	1000	4	400	132	PTO	NOT	1000/500	4/0.75	50/60

LEROY SOMER

Motors IE3
V18



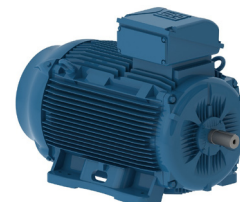
Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Builder index	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (Hz)
7511267	2	3000	5,5	230/400	132	SM	PTO	YES	3000/3626	5,5	50
7521657	2	3000	1,5	230/400	90	L			3000/3610	1,5	50
552858	2	3000	2,2	230/400	90	L	PTO		3000/3616	2,2	50
7509798	4	1500	1,5	230/400	90	LU			1500/1800	1,5	50
7509799	4	1500	2,2	230/400	100	LR			1500/1800	2,2	50
7509800	4	1500	4	230/400	112	MU			1500/1800	4	50
7509801	6	1000	0,75	230/400	90	SL			1000/1200	0,75	50
7509802	6	1000	1,1	230/400	90	LU			1000/1200	1,1	50
7509803	6	1000	2,2	230/400	112	MU			1000/1200	2,2	50
7509804	6	1000	4	230/400	132	M			1000/1200	4	50

B3

Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Builder index	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (Hz)
99MT0075BC-550DIE3	4	1500	0,75	230/400	80	LG	PTO	NOT	1500/1800	0,75	50
99MT0300MC-550-FEE	4/8	1500	3	400	100	L	PTO	NOT	1500/750	3	50
1763686	2	3000	0,55	230/400	71	L	PTO		3000/3600	0,55	50
552081	4	1500	0,37	230/400	71	L	PTO		1500/1800	0,37	50

WEG

Motors IE3
B3



Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Builder index	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (Hz)
2079740-IE3	4	1500	0,75	230/400	80		NOT	1500/1800	0,75	50
2091890	4	1500	1,1	230/400	90	S	YES	1500/1800	1,1	50
2079730-IE3	4	1500	1,1	230/400	90	S	YES	1500/1800	1,1	50
2092100	4	1500	1,5	230/400	90	SL	YES	1500/1800	1,5	50
2079720-IE3	4	1500	1,5	230/400	90	L	YES	1500/1800	1,5	50
2079710-IE3	4	1500	2,2	230/400	100	L	YES	1500/1800	2,2	50
2092120	4	1500	3	230/400	100	L	YES	1500/1800	3	50
2079700-IE3	4	1500	3	230/400	100	L	YES	1500/1800	3	50
2079690-IE3	4	1500	4	230/400	112	M	YES	1500/1800	4	50
2079680-IE3	4	1500	5,5	400/690	132	S	YES	1500/1800	5,5	50
2092140	4	1500	5,5	400/690	132	S	YES	1500/1800	5,5	50
7511931	4	1500	7,5	400/690	132	M	YES	1500/1800	7,5	50/60
2079550	4	1500	11	400/690	160	M	YES	1500/1800	11	50/60
2079520	4	1500	22	400/690	180	L	YES	1500/1800	22	50

LEROY SOMER



Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Builder index	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (HZ)	Capacity (W)
00PPG000478400B	6	1000	1,4	400	57		NOT	1000/1200	1,4	50	
00PPG000478500B	8	750	0,58	400	57		NOT	750/900	0,58	50	

V18

Ordering references	Number of poles	Speed (rpm)	Rated power (kW)	Voltage (V)	Axis height (mm)	Builder index	Sensor type	Tropicalized	Speed (rpm)	Rated power (kW)	Frequency (HZ)
7117832	4	1500	0,37	230/400	71	L			1500/1800	0,37	50
547793	4/8	1500	0,37	400	71	M			1430/720	0,37/0,07	50
551782	6	1000	0,25	230/400	71	L			1000/1200	0,25	50
551809	6	1000	0,37	230/400	80	L			1000/1200	0,37	50
549983	6/8	1000	7,3		160				1000/750	7.3/3.7	50
549916	6/8	1000	1,3	400	112	MU			1000/750	1.3/0.6	50
547940	6/12	1000	1,8	400	112	MU			1000/500	1.8/0.3	50
547909	6/12	1000	0,9		100	LU			1000/500	0.9/0.18	50
551895	8	750	0,99	230/400	100	L			750/900	1,1	50

GENERAL ELECTRIC

Electric motors



Ordering references	Speed (rpm)	Voltage (V)	Motor power (W)	Rotation (facing air discharge)
--HF--27CA-033--S	-	120V /50-60HZ	26	-
--HC--41AE-192--S	950	208-230/1/50	-	CCW
--HC--39CA-228--S	1075	230/1/60	-	CCW
--HC--43AE-232--S	1100	230/1/60	NC	CW
--HC--43VL-232--S	925	230/1/60	-	CCW
--HC--37ME-720--S	1350/2	230/3/50	149	REVERSIBLE
--HC--37VE-651--S	900/2	230/3/50	124	CW
--HC--39ME-236--S	1350/2	230/3/50	186	CCW
--HC--39ML-704--S	1350/2	230/3/50	186	CCW
--HC--39ML-717--C	1350	230/3/50	186	CCW
--HC--42GL-208--S	960	230/3/50	248	CCW
--HC--42ME-232--C	900	230/3/50	248	CCW
--HC--42SE-232--C	900	230/3/50	248	CW
--HC--44ME-701--C	900	230/3/50	373	CCW
--HC--44VE-232--C	875	230/3/50	373	CCW
--HC--46VL-703--S	925	230/3/50	560	CCW
--HC--52TE-231--C	900	230/3/50	747	CCW
--HD--46VE-202--C	950	230/3/50	560	REVERSIBLE
--HC--45AE-195--S	925	400/1/50	NC	CCW
--HC--43TL-400--S	1100	400/3/50	373	CCW
--HD--46VE-206--C	950	400/3/50	560	REVERSIBLE
--HD--52AK-653--S	950	400/3/50	747	REVERSIBLE
--HD--52AK-652--S	1140	430-460-575/3/60	NC	REVERSIBLE
--HC--40GE-462--S	1100	460/1/50	-	CW
--HC--43VL-460--S	1075	460/1/60	-	CCW
HC42AR231				

WELLING

Ordering references	Number of poles	Speed (rpm)	Voltage (V)	Frequency (HZ)	Capacity (W)	Motor power (W)	Rotation (facing air discharge)	Power (W)	Intensity (A)	AXE
B034447H01	4	1370	230	50		450	CW	550	2,43	2
D021709H01	8	830	230	50	20			55	0,25	2
B034456H01	4	1000	230	50		115	CW	115	1,1	2
D021710H01	6	1030	230	50	53			118	0,54	2
B034508H01	4	895	230	50				80	0,85	2
B034510H01	4	1180	230	50		290	CW	290	2,1	2
D021563H02	4	1330	230	50/60				164	0,71	2
D021793H01-	4	1330	230	50				164	0,71	2
B035767H01	8	780	230	50				125	0,56	1
B032774H01	6	860	230	50	42			100	0,49	1
B036428H01	6	880	230	50				155	0,7	1
B03RCD08H01	6	895	230	50				170,89	0,743	2
D021561H01	6	910	230	50/60				56	0,27	1
D021562H01	6	920	230	50/60				68	0,31	2
C025820H03	6	930	230	50/60				98,9	0,43	1
B034RCD6H01	6	1000	230	50				223	0,988	2
D021563H01	6	1040	230	50/60				108	0,48	2
B032776H01	6	1050	230	50	84			185	0,82	1
B035865H01	6	1050	230	50				140,3	0,61	1
D021561H02	6	1070	230	50/60				68	0,31	1
D021791H01-	6	1070	230	50				68	0,31	1
D021562H02	6	1080	230	50/60				94,3	0,41	2
D021792H01-	6	1080	230	50				94,3	0,41	2
B03RCD10H01	6	1180	230	50				460	2,02	2
B033097H01	6	1200	230	50				245	1,1	1
B033098H01	6	1200	230	50				245	1,1	1
D021708H01	8	730	230	50				35	0,15	1
D021788H01-	8	730	230	50				35	0,15	1
C025820H02	8	770	230	50/60				57,5	0,25	1
C025820H07	10	570	230	50/60				123	0,62	1
C025820H06	10	630	230	50/60				190	0,85	1
C025820H01	10	670	230	50/60				58	0,27	1
C025820H04	12	380	230	50/60				66	0,31	1

REGAL MANUFACTURING LIMITED

Motors

Ordering references	Speed (rpm)	Voltage (V)	Capacity (W)
00PPG000464700A	1137	360-440	2300
00PPG000464600A	1000	400	
00PPG000464500A	750	400	





D | HYDRAULIC

HYDRAULIC / SINGLE PUMP	68
HYDRAULIC / DOUBLE PUMP	69
HYDRAULIC / SINGLE PUMP	70
HYDRAULIC / DOUBLE PUMP	71
HYDRAULIC / HYDRAULIC COLLARS	72
HYDRAULIC / FLOW SWITCH & HYDRAULIC VALVES	74
HYDRAULIC / BRASS TAP VALVES & EXPANSION TANK & WATER FILTERS	75
HYDRAULIC / FLEXIBLES	76

WILO

Pump repair kits references



Ordering Reference	Power (kW)	Motor Kit	Wheel kit	Kit garniture mécanique	Kit joint
00PPG000004000F	4	2191169	2143563	122097593	2046358
00PPG000031100F	2,2	2191165	2143564	122097593	2046358
00PPG000031200F	3	2191173	2196693	122097593	2046358
00PPG000031300F	4	2191169	2164056	122097593	2046358
00PPG000031400F	5,5	2191176	2037891	2026902	2037527
00PPG000031500F	4	2191174	2116680	2026901	2037527
00PPG000031600F	5,5	2191179	2037291	2026902	2043160
00PPG000031700F	7,5	2157978	2155752	2026902	2043160
00PPG000031800F	11	2157980	2155753	2026902	2043160
00PPG000529000A		2175897	2143897	122097593	2046358
00PPG000529100A		2175899	2175894	122097593	2046358
00PPG000529200A		2175899	2164054	122097593	2046358
00PSZ000280200B	3	2192717	2164063	4064020	2143761

WILO

Pump repair kits references



Ordering Reference	Power (kW)	Motor Kit	Wheel kit	Kit garniture mécanique	Kit joint
00PPG000005100F	2,2	2191165	2143564	122097593	2046358
00PPG000005200F	3	2191173	2196693	122097593	2046358
00PPG000005300F	4	2191169	2143563	122097593	2046358
00PPG000005600F	4	2191174	2116680	2026901	2037527
00PPG000005800F	5,5	2191179	2037291	2026902	2043160
00PPG000032000F	2,2	2191165	2143564	122097593	2046358
00PPG000032100F	3	2191173	2196693	122097593	2046358
00PPG000032200F	4	2191169	2164056	122097593	2046358
00PPG000032300F	5,5	2191176	2037891	2026902	2037527
00PPG000032400F	4	2191174	2116680	2026901	2037527
00PPG000032500F	5,5	2191179	2037291	2026902	2043160
00PPG000032600F	7,5	2157978	2155752	2026902	2043160
00PPG000032700F	11	2157980	2155753	2026902	2043160
00PPG000529300A		2175899	2175894	122097593	2046358
00PPG000529400A		2175901	2175895	122097593	2046358
00PSG002797900A	7,5	2158013	2037295	2026902	2037527
00PSG002828600A	5,5		2157912	2026902	2037527
00PSG002828700A	11		2193931	2026902	2043160
00PSG002828800A	11		2106156	2026903	2043160
00PSG002828900A	15	2139548	2196694	2026903	2043160

XYLEM

Pump repair kits references



Ordering Reference	Motor Kit	Wheel kit	Mecanical seal	Seal disk
00PPG000494800A	00PSP000000104A	KL04ABG	KL01AF0	160150201
00PPG000494900A	00PSP000000171A	KL04ABK	KL01AF0	150150041
00PPG000495000A	00PSP000000172A	KL04ABU	KL01AF0	160150221
00PPG000495100A	00PSP000000173A	KL04ABV	KL01AF0	150150051
00PPG000495200A	00PSP000000170A	KL04ABS	KL01AF0	160150221
00PPG000495300A	00PSP000000166A	KL04AB4	KL01AF0	160150221
00PPG000495400A	00PSP000000171A	KL04AC8	KL01AF0	160150221
00PPG000495500A	00PSP000000172A	KL04AB2	KL01AF0	160150221
00PPG000495600A	00PSP000000173A	KL04AB3	KL01AF0	160150221
00PPG000507900A	00PSP000000170A	KL04AMR	KL01AF2	160150201
00PPG000508000A	00PSP000000171A	KL04AQQ	KL01AF2	160150201
00PPG000508100A	00PSP000000172A	KL04AQR	KL01AF2	160150201
00PPG000508200A	00PSP000000170A	KL04AQS	KL01AF2	160150221
00PPG000508300A	00PSP000000171A	KL04AQS	KL01AF2	160150221
00PPG000508400A	00PSP000000173A	KL04AQT	KL01AF2	160150221
00PPG000508500A	00PSP000000174A	KL04AQV	KL01AF2	150150051
00PPG000508600A	00PSP000000172A	KL04QW	KL01AF2	150150280
00PPG000508700A	00PSP000000175A	KL04AQX	KL01AF8	150150081
00PPG000508800A	00PSP000000166A	KL04AQY	KL01AF8	150150081

XYLEM

Pump repair kits references



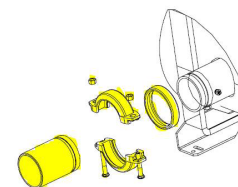
References Ordre	Motor kit	Wheel kit	Mecanical seal	Seal disk
00PPG000495700A	00PSP000000171A	KL04ABK	KL01AF0	150150041
00PPG000495800A	00PSP000000170A	KL04ABH	KL01AF0	160150201
00PPG000495900A	00PSP000000104A	KL04ABG	KL01AF0	160150201
00PPG000496000A	00PSP000000170A	KL04ABS	KL01AF0	160150221
00PPG000496100A	00PSP000000171A	KL04ABT	KL01AF0	160150221
00PPG000496200A	00PSP000000172A	KL04ABU	KL01AF0	160150221
00PPG000496300A	00PSP000000173A	KL04ABV	KL01AF0	160150221
00PPG000496400A	00PSP000000171A	KL04AC8	KL01AF0	160150221
00PPG000496500A	00PSP000000172A	KL04AB2	KL01AF0	160150221
00PPG000494500A	00PSP000000166A	KL04AB4	KL01AF0	160150221
00PPG000537900A	00PSP000000104A	KL04AMQ	KL01AF2	160150201
00PPG000538000A	00PSP000000170A	KL04AMR	KL01AF2	160150201
00PPG000538200A	00PSP000000171A	KL04AMT	KL01AF2	160150201
00PPG000538300A	00PSP000000172A	KL04AQZ	KL01AF2	160150201
00PPG000509300A	00PSP000000170A		KL01AF2	160150221
00PPG000538100A	00PSP000000171A	KL04AMS	KL01AF2	160150201
00PPG000509400A	00PSP000000171A	KL04AM7	KL01AF2	160150221
00PPG000509500A	00PSP000000172A	KL04AM8	KL01AF2	160150221
00PPG000509600A	00PSP000000173A	KL04AM9	KL01AF2	160150221
00PPG000509700A	00PSP000000166A	KL04ANA	KL01AF2	160150221
00PPG000509800A	00PSP000000172A	KL04AQW	KL01AF2	150150280
00PPG000509900A	00PSP000000175A	KL04AQX	KL01AF8	150150280
00PPG000510000A	00PSP000000166A	KL04AQY	KL01AF8	150150081

VICTAULIC

Victaulic Kit

For Cooler or Condenser

For dimensional drawing please contact us



Ordering references	Type	Size (mm)	Connection size (inch)
00PSG000119601A	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	4
00PSG000119602A	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	5
00PSG000119603A	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	6
00PSG000119604A	00PPG000460802A	150	3
00PSG000596300A	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	6» + 8
00PSG001271800A	VICTAULIC CONNECTION SLEEVE	150	2»-1/2
00PSG001278900A	COOLER OR CONDENSER VICTAULIC TO FLANGE WATER CONNECTIONS	150	10
00PSG001279000A	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	10
30HX-900---032--E-	COOLER OR CONDENSER VICTAULIC TO FLANGE WATER CONNECTIONS	150	4
30HX-900---042--E-	COOLER OR CONDENSER VICTAULIC TO FLANGE WATER CONNECTIONS	150	5
30HX-900---052--E-	COOLER OR CONDENSER VICTAULIC TO FLANGE WATER CONNECTIONS	150	6
30HX-900---062--E-	COOLER OR CONDENSER VICTAULIC TO FLANGE WATER CONNECTIONS	150	8
30HX-900---102--E-	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	8
VICT150-1-1/2-SCR	VICTAULIC TO SCREWED CONNECTIONS	150	1»-1/2
VICT150-1-1/2-WEL	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	2
VICT150-2-----SCR	VICTAULIC TO SCREWED CONNECTIONS	150	2
VICT150-2-----WEL	VICTAULIC CONNECTING SLEEVE TO BE WELDED	150	2
VICT300-1-1/2-SCR	VICTAULIC TO SCREWED CONNECTIONS	300	1»-1/2
VICT300-1-1/2-WEL	VICTAULIC CONNECTING SLEEVE TO BE WELDED	300	1»-1/2
VICT300-1-1/4-SCR	VICTAULIC TO SCREWED CONNECTIONS	300	1»-1/4
VICT300-2-----SCR	VICTAULIC TO SCREWED CONNECTIONS	300	2
VICT300-2-----WEL	VICTAULIC CONNECTING SLEEVE TO BE WELDED	300	2

VICTAULIC

Hydraulic collars

ST75 Collars|Coating galvanized/painted

Bolting Geomet/Electrogalvanized

Standard EPDM gasket for water or FS-V (Neopren) Flusheal for use on application

For dimensional drawing please contact us



Ordering references	Total external diameter (mm)	Maximum working pressure (bar)	Connection size (inch)
00PPG000469501A	273	55	10
--BA--12LA-001--EE	48,3	34,5	1(1/2)
--BA--12LA-002--EE	60,3	34,5	2
--BA--12LA-003--EE	42,2	34,5	1(1/4)
--BA--12LA-004--EE	76,1	34,5	3
--BA--12LA-005--EE	88,9	34,5	3
--BA--12LA-006--EE	114,3	34,5	4
--BA--12LA-007--EE	141,3	31	5
--BA--12LA-008--EE	168,3	31	6
--BA--12LA-009--EE	219,1	31	8

FLOW SWITCH



Ordering references	Nominal pressure (bar)	Connection size (inch)	Piping diameter size (inch)	Adjustment margin with increasing flow (litters/hour)	Adjustment margin with decreasing flow (L/H)	Maximum working temperature (°C)	Opening point
00PPG000030500A	25	1/2 NPT		-	-	60	24V
00PPG000471400A	10		1-1/4 - 1-1/2	650-800 / 850-1200	600-900 / 850-1200	100	220V/1A - 26VA
00PPG000472900A	30	1/4 NPT MALE		-	-	80	24V
0170701H13	10	3/4 FEMALE LEFT	DN32	-	910	100	220V/1A - 26VA
0170701H14	10	3/4 FEMALE LEFT	DN20	-	420	100	220V/1A - 26VA
0170701H15	10	3/4 FEMALE LEFT	DN20	-	180	100	220V/1A - 26VA
--CY--12WA-001-EE	25	3/4 FEMALE LEFT	1	990-1280	950-1220	110	220V/1A - 26VA
--CY--12WA-003-E-	25	3/4 FEMALE LEFT	1	1590-2070	1530-1950	110	220V/1A - 26VA
--CY--12WA-005-EE	25	3/4 FEMALE LEFT	2	3500-4900	3300-4500	110	220V/1A - 26VA
--CY--12WA-007-EE	10	3/4 FEMALE LEFT	FROM 2 TO 3	1800-2500 / 3600-3450 / 3400-4500	1750-2400 / 2400-3100 / 3150-4050	100	220V/1A - 26VA
--HR--12AA-002-EE	10	1 NPT MALE		-	-	120	230V

HYDRAULIC VALVES



Ordering references	Inlet/Outlet diameter (inch)	Release pressure (bar)
00PPG000486900A	1/2 MALE GAZ/ 3/4 FEMELLE GAZ	3
0150106H01	1/2» M	3

BRASS TAP VALVES



Ordering references	Maximum working pressure (bar)	Connection size (inch)	Working temperature (°C)	Thread
--XL--12GE-001--EE	10	2 FEMALE	- 10 / + 100	GAZ
--XL--12GE-003--EE	10	3/2" 58	- 10 / + 100	-
--XL--12GE-004--EE	10	3	- 10 / + 100	-

EXPANSION TANK



Ordering references	Total external diameter (mm)	Capacity (L)	Total high (mm)
00PPG000487700A	202	8	338
00PPG000487701A	302	25	448
00PPG000487702A	252	12	334
00PPG000487703A	404	35	392
00PPG000487704A	404	50	510
--XW--12PA-002--EE	302	18	350

WATER FILTERS

Water filters (integrated strainer)



Ordering references	Type	Maximum working pressure (bar)	Connection size (inch)	Thread
00PPG000487100A	Y-INOX	16	2	GAZ
30RA-411---312--EE	STRAIGHT INOX	-	2-1/2	-
30RA-411---382--EF	STRAIGHT INOX	-	2	-
--XH--12AB-012--EE	Y-INOX	16	2	GAZ
--XH--12AB-013--EE	Y-INOX	16	2-1/2	GAZ
--XH--12AB-015--E-	Y-INOX	16	1-1/4	GAZ

Stainless steel hydraulic flexibles



Ordering references	Maximum working pressure (bar)	Connection size (inch)	Maximum working temperature (°C)	Internal diameter (mm)	Length (mm)
--CF--12GY-120--EE	15	3/4 F/F	+100°C	10	1200
00PPG000003301A	15	F-3/4 M-1/2	+100°C	10	900
00PPG000003302A	15	F-3/4 M-1/2	+100°C	10	2000
00PPG000003303A	15	F-3/4 M-1/2	+100°C	10	1300
00PPG000007301A	15	1/2 F/M	+100°C	10	800
00PPG000007401A	15	1/2 F/M	+100°C	10	1300
00PPG000486400A	10	1/2 F/F	+100°C	10	800
00PPG000486600A	20	3/4 F/F	+100°C	12	300
00PPG000486601A	20	3/4 F/F	+100°C	12	500
CF12GS100EE	16	F1/2" - M1/2"		12	1000
CF12GT065EE	16	F 1/2" - F 1/2"		12	650
CF12GU100EE	16	F1/2" - M 1/2"		12	1000
CF12GV065EE	16	F1/2" - F 1/2"		12	650
CF12GV095EE	16	F1/2" - F 1/2"		12	950
--CF--12GY-100--EE	20	3/4 F/F	+100°C	12	1000





E | OILS TESTS

OILS / COMPRESSORS OILS
OILS / BITZER & OIL TEST

80
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COPELAND



Ordering references	VOLUME (L)	USE	Type	NATURE	REFRIGERANT
RL32-3MAF-1TTL	1	SCROLL	SYNTHETIC	ESTERS DE POLYOLS (POE)	R134A/R407C/R410A
RL32-3MAF-5TTL	5	SCROLL	SYNTHETIC	ESTERS DE POLYOLS (POE)	R134A/R407C/R410A

MANEUROP



Ordering references	VOLUME (L)	USE	Refrigerant	Product range	Type	Nature
7754001	2	SCROLL/RECIPROCATING LT MT SM	R22	160P	MINERAL	NAPHTENIQUE
120Z0573	2,5	RECIPROCATING MPZ MTZ NTZ VTZ	R407C / R134A	160PZ	SYNTHETIC	ESTERS DE POLYOLS (POE)
120Z0571	2,5	SCROLL				

TOTALINE

Totaline Mineral oils are offering the performance advantages :

- Long lubricant life
- Multi language packaging
- Good miscibility with HFC refrigerants



Ordering references	VOLUME (L)	USE	Refrigerant	Type
-----470EE-1	5	RECIPROCATING CARLYLE		MINERAL
-----477--EE	20	RECIPROCATING CARLYLE		MINERAL
---P-903MIN68-20TL	20	RECIPROCATING CARLYLE		MINERAL
-----150-5-TTL	5	RECIPROCATING CARLYLE		MINERAL
-----15020-TTL	20	RECIPROCATING CARLYLE		MINERAL
---P-903--2101--S	3,8		R22	MINERAL

TOTALINE

Totaline Ester Oils are offering the performance advantages :

- Long lubricant life
- Multi language packaging
- Good miscibility with HFC refrigerants



Ordering references	Product range	VOLUME (L)	USE	Type
---P-903EAL32-5EE	ICEMATIC SW	5	SCROLL	SYNTHETIC
---P-903EAL32-20EE	ICEMATIC SW	20	SCROLL	SYNTHETIC
---P-903EST68-5TL	68C	5	RECIPROCATING CARLYLE	SYNTHETIC
---P-903EST68-20TL	68C	20	RECIPROCATING CARLYLE	SYNTHETIC
---P-903SW68-5TTL	ICEMATIC SW	5	CENTRIFUGAL 19XL / XR	SYNTHETIC
---P-903SW68-20TTL	ICEMATIC SW	20	CENTRIFUGAL 19XL / XR	SYNTHETIC
---P-903SW-100-5EE	ICEMATIC SW	5		SYNTHETIC
---P-903SW-100--EE	ICEMATIC SW	20		SYNTHETIC
---P-903SW220-1TTL	ICEMATIC SW	1	33HU/HT 30HX/GX SCREW 06N	SYNTHETIC
---P-903SW220-5TTL	ICEMATIC SW	5	33HU/HT 30HX/GX SCREW 06N	SYNTHETIC
---P-903SW220-20TL	ICEMATIC SW	20	33HU/HT 30HX/GX SCREW 06N	SYNTHETIC
RL170H-5TTL	EMKARATE RL	5	SCREW	SYNTHETIC
P903-1501	E100	3,8		SYNTHETIC
---P-903--2305--S	EMKARATE	18,9		SYNTHETIC
---P-903--1701--S	POE68	3,8	06D/E 5F/H	SYNTHETIC
--PP--23BZ101005S	SOLEST170	18,9	05T/06T SCREW	SYNTHETIC

TOTALINE

Ordering references	VOLUME (L)	USE	NATURE
---P-903-HFO-18TTL	18	SCREW	ESTERS DE POLYOLS (POE)

BITZER

Ordering references	Product range	VOLUME (L)	USE	Type	NATURE	REFRIGERANT
7127237	B320SH	5	SCREW	SYNTHETIC	ESTERS DE POLYOLS (POE)	R22
7070610	BSE170	5	SCREW	SYNTHETIC	ESTERS DE POLYOLS (POE)	R407C / R134A
7072887	BSE170	10	SCREW	SYNTHETIC	ESTERS DE POLYOLS (POE)	R407C / R134A

VERNOLAB

Complete Kit :
Oil test are shipped with identification stickers, adressed envelopes and oil analysis reports
Analyse type : Spectrometry, TAN, viscosity and water content
Samples to be sent to laboratory and visualisation of the results on the laboratory website (5 days maximum delay)



Ordering references
7487544
7487548

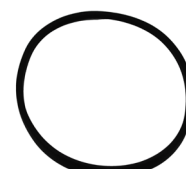




F | TRANSMISSION

TRANSMISSION / BELT	86
TRANSMISSION / PULLEY	93
TRANSMISSION / HUB	97

RANGE SPA



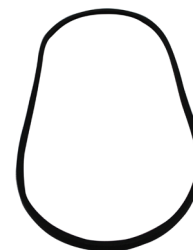
Ordering references	LENGTH (mm)
604153	832
604157	900
604160	950
604163	1000
604164	1032
604165	1060
604169	1120
604170	1132
604171	1157
604172	1180
604173	1207
604175	1232
604176	1250
604177	1282
604178	1307
604179	1320
604181	1357
57040020016	1382
604183	1400
604185	1457
604187	1500
604188	1557
604189	1582
604190	1600
7332355	1632
604192	1657
604194	1700
604196	1757
604197	1782
604198	1800
604199	1857

RANGE SPA



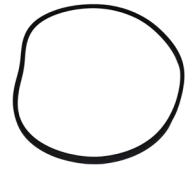
Ordering references	LENGHT (mm)
604201	1900
604202	1957
604203	2000
604205	2057
604206	2120
604207	2182
2061270	2207
604208	2240
604209	2300
604210	2360
604211	2432
604214	2500
604215	2532
604216	2582
604217	2650
7222275	2682
604218	2732
604219	2800
604220	2900
604221	2932
604222	3000
604223	3082
604224	3150
604225	3282
604226	3350
604227	3482
604228	3550
604229	3650
604230	3750
901620-12	12000

RANGE SPB



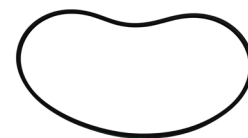
Ordering references	LENGHT (mm)
604311	1700
7416995	1850
604317	2000
604318	2060
604319	2120
604320	2180
604321	2240
604322	2300
604323	2360
604324	2430
604325	2500
604326	2580
604327	2650
604328	2720
604329	2800
604330	2900
7382667	2990
604331	3000
604332	3070
604333	3150
604334	3250
604335	3350
604336	3450
604337	3550
604338	3650
604339	3750
604340	3875
604341	4000
7394169	4120
604343	4250
604344	4370
604345	4500
604347	4750

RANGE SPC



Ordering references	LENGHT (mm)
605506	2650
604409	3150
604410	3350
604411	3550
7262039	5000
7257272	5300

RANGE SPZ



Ordering references	LENGHT (mm)
7262264	630
604005	670
2060500	687
7321625	737
604010	750
604011	762
604012	772
604013	787
604014	800
--KR--12AR-014--M	812
604017	837
604018	850
2061630	862
604020	875
7046985	887
604022	900
604023	912
604024	925
604025	937
604026	950
604027	962
604029	987
604030	1000
901625	1010
604031	1012
604032	1024
901226	1025
901627	1030
604033	1037
901227	1047
604035	1060
901228	1062
901229	1077
901630	1080
604036	1087
901230	1090
604037	1112

RANGE SPZ



Ordering references	LENGHT (mm)
604038	1120
604039	1137
901634	1140
901232	1150
604041	1162
604042	1180
7143837	1187
901234	1200
901637	1202
604043	1212
7210936	1220
604044	1237
604045	1250
2061580	1270
901640	1272
604047	1287
901237	1312
604049	1320
604050	1337
901643	1340
7515775	1347
604051	1362
2060890	1387
604053	1400
901646	1412
901647	1420
604054	1437
901648	1450
604055	1462
604057	1487
604058	1500
607059	1512
7343405	1520
7377616	1537
901244	1550
604061	1562
7383716	1587

RANGE SPZ



Ordering references	LENGHT (mm)
604064	1600
604065	1612
901654	1637
604066	1662
2060980	1687
604067	1700
901249	1737
901250	1750
604068	1762
2061440	1787
604069	1800
2061330	1812
901660	1837
901251	1850
604070	1862
7107834	1887
604071	1900
604072	1937
604073	2000
7343406	2037
604075	2087
604076	2120
604078	2240
604081	2360
604082	2437
604083	2500
7188516	2540
604085	2650
604086	2737
604087	2800
604089	3000
902154-6	6000
902154-12	12000
902154-15	15000
902154-25	25000

RANGE SPA



Ordering references	PRIMITIVE DIAMETER (mm)	TYPE OF HUB	NUMBER OF PULLEY RACES
607265	180	2012	1
607266	200	2012	1
607268	250	2012	1
607276	90	1610	2
607279	106	1610	2
607280	112	1610	2
607281	118	1610	2
607282	125	1610	2
607283	132	2012	2
607284	140	2012	2
607285	150	2012	2
607286	160	2012	2
607287	180	2012	2
601168	190	2012	2
607288	200	2517	2
607289	224	2517	2
607290	250	2517	2
607291	280	2517	2
607292	315	2517	2
607293	355	2517	2
607294	400	2517	2
607295	450	2517	2
607296	500	2517	2
607297	630	3020	2
607304	106	1610	3
607305	112	2012	3
607308	132	2012	3
607310	150	2517	3
607311	160	2517	3
607312	180	2517	3
607313	200	2517	3
607314	224	2517	3
607315	250	2517	3
607316	280	2517	3
607317	315	3020	3
607318	355	3020	3
607319	400	3020	3
607320	450	3020	3
607321	500	3020	3
607322	630	3020	3
7093933	180	2517	4
7247839	224	2517	4
7247840	250	2517	4
7148662	280	2517	4

RANGE SPB



Ordering references	PRIMITIVE DIAMETER (mm)	TYPE OF HUB	NUMBER OF PULLEY RACES
607508	160	2012	2
607509	170	2012	2
607510	180	2517	2
607511	190	2517	2
607512	200	2517	2
607513	212	2517	2
607514	224	2517	2
607515	236	2517	2
607516	250	2517	2
607517	280	2517	2
Z601056	300	2517	2
607518	315	2517	2
607519	355	3020	2
607520	400	3020	2
607521	450	3020	2
607522	500	3020	2
607523	630	3030	2
607529	140	2012	3
607530	150	2012	3
607531	160	2012	3
607532	170	2012	3
607533	180	2517	3
607534	190	2517	3
607535	200	2517	3
607536	212	2517	3
607537	224	2517	3
607538	236	2517	3
607539	250	2517	3
607540	280	2517	3
7300014	300	2517	3
607541	315	2517	3
607542	355	3020	3
607543	400	3020	3
607544	450	3020	3
607545	500	3020	3
607546	630	3535	3
607556	150	2517	4
607558	170	2517	4
607559	180	2517	4
607560	190	2517	4
607561	200	3020	4
607562	212	3020	4
607563	224	3020	4
607564	236	3020	4
607565	250	3020	4
607566	280	3020	4
607569	400	3535	4
607570	450	3535	4

RANGE SPC



Ordering references	PRIMITIVE DIAMETER (mm)	TYPE OF HUB	NUMBER OF PULLEY RACES
7012537	224	3020	3
7014126	236	3020	3
7005777	280	3535	3
7010453	300	3535	3
7010454	315	3535	3
7014127	335	3535	3
7227389	355	3535	3
7005775	400	3535	3
7257273	265	3535	4
7257274	800	5050	4
7024435	300	3535	6
7024436	355	3535	6

RANGE SPZ

Ordering references	PRIMITIVE DIAMETER (mm)	TYPE OF HUB	NUMBER OF PULLEY RACES
607001	63	1108	1
607002	67	1108	1
607003	71	1108	1
607004	75	1108	1
607005	80	1210	1
607006	85	1210	1
607007	90	1210	1
607008	95	1210	1
607009	100	1210	1
607010	106	1610	1
607011	112	1610	1
607012	118	1610	1
607013	125	1610	1
607014	132	1610	1
607015	140	1610	1
607016	150	1610	1
607017	160	1610	1
607018	180	1610	1
607019	200	2012	1
607020	224	2012	1
607021	250	2012	1
607022	280	2012	1
607023	315	2012	1

RANGE SPZ



Ordering references	PRIMITIVE DIAMETER (mm)	TYPE OF HUB	NUMBER OF PULLEY RACES
607026	71	1108	2
607027	75	1108	2
607028	80	1210	2
607029	85	1210	2
607030	90	1210	2
607031	95	1210	2
607032	100	1210	2
607033	106	1610	2
607034	112	1610	2
607035	118	1610	2
607036	125	1610	2
607037	132	1610	2
607038	140	1610	2
607039	150	1610	2
607040	160	1610	2
607041	180	1610	2
607042	200	2012	2
607043	224	2012	2
607044	250	2012	2
607045	280	2012	2
607046	315	2012	2
607047	355	2012	2
607048	400	2012	2
607054	80	1210	3
607055	85	1610	3
607056	90	1610	3
607057	95	1610	3
607058	100	1610	3
607060	112	2012	3
607062	125	2012	3
607059	106	1610	3
607066	160	2012	3
7255522	112	2012	5

HUB



Ordering references	Product range	PRIMITIVE DIAMETER (mm)
7081812	1008	14
7082566	1008	19
7081813	1008	20
7081814	1008	24
7081815	1008	25
602701	1108	14
602702	1108	19
602703	1108	20
602704	1108	24
602705	1108	25
602706	1108	28
602707	1210	14
602708	1210	19
602709	1210	20
602710	1210	24
602711	1210	25
602712	1210	28
602713	1210	30
7142548	1215	14
602715	1215	19
602716	1215	20
602717	1215	24
602718	1215	25
602719	1215	28
7081820	1215	30
602721	1610	14
602722	1610	19
602723	1610	20
602724	1610	24
602725	1610	25
602726	1610	28
602727	1610	30
602728	1610	35
602729	1610	38
7005608	1610	40
602730	1610	42
7142549	1615	19
7142550	1615	20
7142551	1615	24
7081887	1615	25
7081888	1615	28
7081890	1615	30
7081891	1615	35
7081892	1615	38
7081893	1615	42

HUB



Ordering references	Product range	PRIMITIVE DIAMETER (mm)
602731	2012	19
602732	2012	20
602733	2012	24
602734	2012	25
602735	2012	28
602736	2012	30
602737	2012	35
602738	2012	38
602739	2012	40
602740	2012	42
602742	2012	48
602743	2012	50
602746	2517	20
602748	2517	25
602749	2517	28
602750	2517	30
602751	2517	35
602752	2517	38
602753	2517	40
602754	2517	42
602755	2517	45
602756	2517	48
602757	2517	50
602758	2517	55
602759	2517	60
602766	3020	40
602768	3020	45
602769	3020	48
602770	3020	50
602771	3020	55
602772	3020	60
602773	3020	65
602774	3020	70
602775	3020	75
602778	3535	50
602780	3535	60
602781	3535	65





G | FILTERS DRIERS AND SHELLS

FILTERS DRIERS AND SHELLS	102
FILTERS DRIERS AND SHELLS / CARTRIDGES	107
FILTERS DRIERS AND SHELLS / INOX CARTRIDGES	108



KMP

Moisture liquid indicators to sold on tube
Hexagonal sight glass shipped with plastic protection cap



Ordering references	Application	Frigo connection (inch)
--XS--12AD-001--EE	R22-R134A-R407C	5/8
--XS--12AD-002--EE	R22-R134A-R407C	7/8
--XS--12AD-003--EE	R22-R134A-R407C	1-1/8
--XS--12AD-004--EE	R22-R134A-R407C	1-5/8
--XS--12AD-005--EE	R22-R134A-R407C	1-3/8

KMP

Copper tube moisture indicators
Copper tube with sight glass shipped with plastic protection cap



Ordering references	Application	Type	Lenght (mm)	Frigo connection (inch)
--XS--12CA-001--EE	R22-R134A-R407C	KSG5S	161	5/8
--XS--12CA-002--EE	R22-R134A-R407C	KSG7S	171	7/8
--XS--12CA-003--EE	R22-R134A-R407C	KSG9S	171	1-1/8

ALCO

Brass connection moisture indicators

Brass connection sight glass shipped with plastic protection cap

CAUTION ! Remove sight glass head before brazing



Ordering references	Application	Frigo connection (inch)
--XS--12AB-001--EE	R22	1/4
--XS--12AB-002--EE	R22	3/8
--XS--12AB-003--EE	R22	1/2
--XS--12AB-004--EE	R22	5/8
--XS--12AB-005--EE	R22	7/8
--XS--12AB-006--EE	R22	1-1/8

CARLY

Filters driers shells for cartridges



Ordering references	Application	Type	Lenght (mm)	Frigo connection (inch)	Cartridge type	R404A	R507	R22	R134A	R407C	R410A	PWP (BAR)	ΔP (BAR)
--XW--12DA-006--EE		TOP COVER	672	1»5/8	CCY48	342	342	525	478	520	520	46	0.07
--XW--12DA-024--EE	R22-R134A- R407C- R410A		709	2-5/8									
--XW--12DA-027--EE		TOP COVER	400	2»1/8	CCY48N/48F							46	0.07
--XW--12DA-028--EE	R22-R134A- R407C- R410A		424	2-5/8									
--XW--12MA-002--EE	R22-R134A- R407C- R410A		525	1-1/8									
--XW--12MA-006--EE	R22-R134A- R407C- R410A	TOP COVER	900	2-1/8	CCY100	385	385	591	538	586	586	46	0.07

KMP / DANFOSS

Filters driers shells for cartridges



Ordering references	Application	Type	Lenght (mm)	Frigo connection (inch)	Cartridge type	R404A	R507	R22	R134A	R407C	R410A	PWP (BAR)	ΔP (BAR)
--XW--12GB-002--EE	R22 - R134A	TOP COVER	244	7/8	48			129	119	124	127	35	0.07
--KH--28ED-161--EE	R22-R134A- R407C-R410A	TOP COVER	260	7/8	100DM/ C/A/F	92,5	89,6	132,6	128	132,6	136,8	46	0.07
--KH--28ED-200--S	R22-R134A- R407C-R410A		270,76	1-1/8									
--KH--28ED-202--EE	R22-R134A- R407C-R410A	TOP COVER	262	1-1/8	100DM/ C/A/F	132,6	128,4	190,4	184,3	190,4	195,9	46	0.07
--KH--28ED-240--EE	R22-R134A- R407C-R410A	TOP COVER	264	1-3/8	100DM/ C/A/F	180,5	174,8	285,5	249,3	285,5	266,8	46	0.07
--KH--28ED-242--C	R22-R134A- R407C-R410A	TOP COVER	403,3	1-3/8	100DM/ C/A/F	187,2	181,4	268,6	259,7	268,6	276,7	46	0.07
--KH--28ED-280--S	R22-R134A- R407C-R410A		410	1-5/8									
00PPG000452501A	R22-R134A- R407C-R410A	TOP COVER	406,7	2/1-8	100DM/ C/A/F	240,8	233,3	344,7	331,9	344,7	356,1	46	0.07
00PPG000452502A	R22-R134A- R407C-R410A	TOP COVER	408,5	2-5/8	100DA	11	11	14,1	13,6	14,1	14,1	46	0.04

PARKER

Filters driers shells for cartridges

Shell shipped with internal cartridge support and mecanical filtration

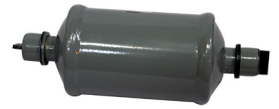
Steel sold connections



Ordering references	Application	Type	Lenght (mm)	Frigo connection (inch)	Cartridge type	R22	R134A	R407C	R410A	PWP (BAR)	ΔP (BAR)
--XW--12GB-003--EE	R22-R134A- R407C	TOP COVER	246	1-1/8	48	180	166	173	178	35	0.07
--XW--12GB-006--EE	R22-R134A- R407C		256	2-1/8							
--XW--12GB-008--EE	R22 - R134A	TOP COVER	385	1»1/8	48	224	206	215	221	35	0.07
--XW--12GB-010--EE	R22 - R134A	TOP COVER	387	1»5/8	48	255	234	245	252	35	0.07
--XW--12GB-016--EE	R22-R134A- R407C		675	1-3/8							
--XW--12GG-003--EE	R22-R134A- R407C	TOP COVER	248	1-5/8	48	244	224	234	241	35	0.07
--XW--12GG-004--EE	R22-R134A- R407C	TOP COVER	400	2-1/8	48	268	246	257	265	35	0.07
00PPG000499301A		SEALED	241	5/8		52,6	48,8	49,9	52,6	45	0.07
00PPG000499302A		SEALED	220,6	7/8		63,9	59,3	60,7	63,9	45	0.07
00PPG000499000A		SEALED	267,5	5/8		55,6	51,5	52,8	55,6	45	0.07

ALCO-EMERSON

Filters driers shells for cartridges



Ordering references	Application	Type	Length (mm)	Frigo connection (inch)	Cartridge type	R404A	R507	R22	R134A	R407C	R410A	PWP (BAR)	ΔP (BAR)
---P-505--819213S	R22-R134A-R407C-R410A	TOP COVER		1-5/8	100	258	258	395	362	377	390	45	0.07
---P-505--8485--S	R22-R134A-R407C-R410A			5/8									
---P-505--8489--S	R22-R134A-R407C-R410A			1-1/8									
P505-8967	R22-R134A-R407C-R410A			7/8									
---P-505--8969--S	R22-R134A-R407C-R410A			1-1/8									
--KH--49EA-040--C	R22-R134A-R407C-R410A			1-1/8									
--KH--49EA-200--C	R22-R134A-R407C-R410A			1-3/8									
420944	R22-R134A-R407C-R410A												
---P-502--8032--S	R22-R134A-R407C-R410A	HERMETIC	111	1/4 SAE	DC	7	7	6,7	7,3	4,8	7,2	45	0.07
---P-502--8082S-S	R22-R134A-R407C-R410A		112	1/4 ODF									
---P-502--8083S-S	R22-R134A-R407C-R410A	HERMETIC	137	3/8 ODF	DC	15,7	15,7	15	16,4	10,7	16,2	45	0.07
---P-502--8084S-S	R22-R134A-R407C-R410A		137	1/2 ODF									
---P-502--8165--S	R22-R134A-R407C-R410A	HERMETIC	192	5/8 SAE	DC	42,8	42,8	41,1	44,8	29,2	44,3	45	0.07
---P-502--8165S-S	R22-R134A-R407C-R410A		167	5/8 ODF									
---P-502--8305S-S	R22-R134A-R407C-R410A	HERMETIC	235	5/8 ODF	DC	50,4	50,4	48,4	52,8	34,4	52,1	45	0.07
---P-502--8305--S	R22-R134A-R407C-R410A		262	5/8 SAE									
---P-504--8164--S	R22-R134A-R407C-R410A		177	1/2 SAE									
---P-504--8083--S	R22-R134A-R407C-R410A		151	3/8 SAE									
---P-504--8084S-S	R22-R134A-R407C-R410A		137	1/2 ODF									
---P-502--8417S-S	R22-R134A-R407C-R410A		254	7/8 ODF									
3251697		HERMETIC		3/8	DC	15,6	15,6	15	16,4	10,7	16,1	45	0.07
3251698		HERMETIC		1/2	DC	25,6	25,6	24,5	26,8	17,5	26,4	45	0.07
909152		HERMETIC		1/2	DC	29,9	29,9	28,7	31,3	20,4	30,9	45	0.07
3251699		HERMETIC		1/2	DC	34,3	34,3	33	36	23,5	35,5	45	0.07
003628-		HERMETIC		7/8	DC	63,2	63,2	60,7	66,3	43,2	65,4	45	0.07
003632-		HERMETIC		5/8	DC	55,9	55,9	53,7	58,6	38,2	57,8	45	0.07
ADK757S		HERMETIC		7/8	DC	100,7	100,7	96,7	105,5	68,8	104,2	45	0.07
883552		TOP COVER		7/8		55	55		72			45	0.07
059328-		HERMETIC		7/8		43,1	43,1	66,1	60,5	63,1	65,2	45	0.07

DANFOSS

Filters driers



Ordering references	Application	Type	Lenght (mm)	Frigo connection (inch)	Cartridge type	R404A	R507	R22	R134A	R407C	R410A	PWP (BAR)	ΔP (BAR)
00PPG000462101A	R22-R134A-R407C-R410A	HERMETIC	158	5/8	42DM	36,59	35,59	51,82	44,64	50,16	54,83	46	0.07
00PPG000462102A	R22-R134A-R407C-R410A	HERMETIC	246	7/8	42DM	53,95	52,51	75,4	64,25	73,29	81,06	46	0.07
00PPG000462103A	R22-R134A-R407C-R410A	HERMETIC	247	7/8	48DM	56,32	54,89	78,5	66,74	76,37	84,67	46	0.07
00PPG000466201A	R22-R134A-R407C-R410A	HERMETIC	154	1/2	42DM	20	20	32	28	32	32	46	0.07
00PPG000466202A	R22-R134A-R407C-R410A	HERMETIC	162	5/8	42DM	29	29	40	37	40	40	46	0.07
00PPG000466203A	R22-R134A-R407C-R410A	HERMETIC	248	7/8	42DM	32	32	47	43	47	47	46	0.07
023Z0031	R22-R134A-R407C-R410A		NC	1/2								46	
023Z4589	R22-R134A-R407C-R410A	HERMETIC	246	3/4	42DM	39,89	38,95	53,22	43,73	52,49	60,57	46	0.07
00PPG000462001A	R410A		146	5/8									
00PPG000462002A	R410A		173	7/8									
00PPG000462003A	R22-R134A-R407C-R410A		146	1/2									
00PPG000462004A	R22-R134A-R407C-R410A		146	5/8									
00PPG000462005A	R22-R134A-R407C-R410A		173	7/8									
AM013540	R22-R134A-R407C-R410A	HERMETIC	160	5/8	42DC	29	29	40	37	40	40	46	0.07
023Z5008		HERMETIC	167	3/8	42DC	11,18	10,82	17,41	16,33	16,33	16,43	42	0.07
023Z8010		HERMETIC	184	5/8	42DC	36,59	35,6	51,82	44,64	50,16	54,83	42	0.07
AM013501		HERMETIC	160	5/8	42DC	36,59	35,59	51,82	44,64	50,16	54,83	42	0.07
00PPG000529602A		TOP COVER	264	1»3/8	100DM/C/A/F	180,5	174,8	285,5	249,3	285,5	266,8	46	0.07
00PPG000452503A		TOP COVER	260	7/8	100DM/C/A/F	92,5	89,6	132,6	128	132,6	136,8	46	0.07
00PPG000529601A		TOP COVER	262	1»1/8	100DM/C/A/F	132,6	128,4	190,4	184,3	190,4	195,9	46	0.07
00PPG000529603A		TOP COVER	403	1»3/8	100DM/C/A/F	187,2	181,4	268,6	259,7	268,6	276,7	46	0.07
00PPG000529604A		TOP COVER	404,5	1»5/8	100DM/C/A/F	240,8	233,3	344,7	331,9	344,7	356,1	46	0.07
7224631		HERMETIC	150	3/8	42DM	13	13	20	18	20	20	46	0.07
7214590		HERMETIC	160	5/8	42DM	29	29	40	37	40	40	46	0.07
7254941		HERMETIC	160	5/8	42DM	28	28	42	38	42	42	46	0.07
7228643		HERMETIC	113	3/8	42DM	9,81	9,52	14,44	12,87	13,8	14,58	46	0.07
1911590		HERMETIC	139	3/8	42DM	10,98	10,66	16,03	14,19	15,37	16,35	46	0.07
7414848		HERMETIC	152	1/2	42DM	23,54	22,81	35,4	32,19	33,6	34,83	46	0.07
00PPG000480101A		HERMETIC	160	5/8	42DM	36,59	35,59	51,82	44,64	50,16	54,83	46	0.07
7254596		HERMETIC	234	5/8	42DM	36,96	35,93	52,72	45,71	50,91	50,29	46	0.07
00PPG000480102A		HERMETIC	246	7/8	42DM	53,95	52,51	75,4	64,25	73,29	81,06	46	0.07
7224642		HERMETIC	400	7/8	48DM	71,7	69,8	99,95	84,97	97,23	107,81	46	0.07

ALCO / DANFOSS / CARLY

Permanent or temporary application cartridges

42 type : volume 688 cm³

48 type : volume 787 cm³

100 type : volume 1639 cm³



Ordering references	Application	Type	LENGHT (mm)
--KH--29MD-048--EE	R134A - R407C- R410A	023U1396	138
--XW--12EA-015--EE	R134A, R22, R407C,R410A,R404A	11023	144
---P5068-H-100--S	R22	S100	165
---P5068-H--48--S	R22	H48	140
--XW--12EA-008--EE	R22 - R134A	CCY 42 HP	148
--XW--12EA-009--EE	R22 - R134A	CCY48HP	139,5
--XW--12EA-010--EE	R22 - R134A	CCY42N	148
--XW--12EA-011--EE	R22 - R134A	CCY48N	139,5
--XW--12EA-003--EE	R22-R134A-R407C	48DN	138
00PPG000445000A	R22-R134A-R407C-R410A	/	138
--XW--12EA-001--EE	R22-R134A-R407C-R410A	W48	
--XW--12EA-002--EE	R22-R134A-R407C-R410A	W100	
--XW--12EA-004--EE		CCY42F	
--XW--12EA-005--EE		CCY48F	
---P5068-F--48--S		F48	

INOX CARTRIDGES

Inox cartridges. Permanent application cartridges

42 type : volume 688cm³

48 type : volume 787cm³

100 type : volume 1 639cm³



Ordering references	Application	Type	Lenght (mm)	Total External diameter (mm)
--XW--12EA-006--EE	R22-R407C-R134A-R410A	CCY421	155	80
--XW--12EA-007--EE	R22-R407C-R134A-R410A	CCY481	140	95

CASTEL

Ordering references	Type	Frigo connection (inch)	CARTRIDGE TYPE	R404A	R507	R22	R134A	R407C	R410A	PWP (BAR)	ΔP (BAR)
7220460	TOP COVER	1»5/8	4490/A/B/HA	176	176	270	250	268	271	45	0.07
7220455	TOP COVER	7/8	4490/A/B/HA	103	103	158	146	156	159	45	0.07
7219715	TOP COVER	1»1/8	4490/A/B/HA	141	141	216	200	214	217	45	0.07
7220454	TOP COVER	1»3/8	4490/A/B/HA	215	215	331	306	328	332	45	0.07
7219716	TOP COVER	1»3/8	4490/A/B/HA	230	230	354	327	351	355	45	0.07
7220459	TOP COVER	1»5/8	4490/A/B/HA	300	300	460	426	456	462	35	0.07

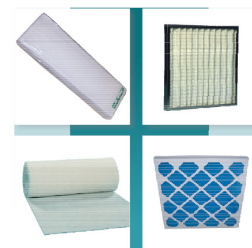




H | AIR FILTERS

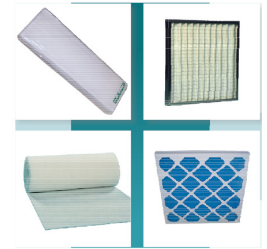
AIR FILTERS / G3	112
AIR FILTERS / G4	114
AIR FILTERS / F5 & F6	115
AIR FILTERS / F7	116
AIR FILTERS / F8 & F9	117
AIR FILTERS / M5 & M6 & EPURE	118

EFFICIENCY G3



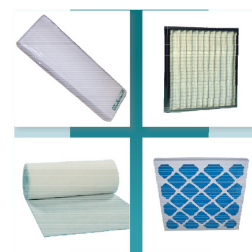
Ordering references	Size (mm)
101059BOX-5	592X592
107759BOX-4	592X592
224566BOX-5	1190X210
231153BOX-10	800X180
FTR930BOX-10	507X230
FTR931BOX-10	1107X230
FTR941BOX-10	850X212
5039374BOX-10	185X1194
5039459BOX-10	444X155
5039460BOX-10	794X155
509184BOX-10	640X620
510431BOX-10	1350X1000
510929BOX-10	1500X280
5204510BOX-10	225X660
5204511BOX-10	225X860
5204512BOX-10	225X1060
5204513BOX-10	225X1260
7000148BOX-10	245X1030
7049685BOX-10	385X200
7049686BOX-10	685X200
7049687BOX-10	985X200
7086601BOX-10	200X1135
7241971BOX-10	170X978
7323364BOX-10	928X260
7367866BOX-10	GRID 1200

EFFICIENCY G3



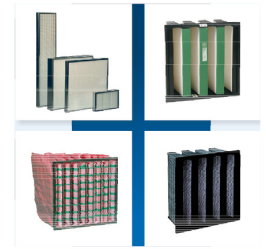
Ordering references	Size (mm)
5039373BOX-10	185X994
7241973BOX-10	1378X170
7376444BOX-10	1228X356
5201332BOX-10	174X1050
7241972BOX-10	170X1178
7323365BOX-10	1228X260
7323671BOX-10	550X550
7000142BOX-10	245X480
7323361BOX-10	628X195
5201330BOX-10	174X650
5039372BOX-10	185X794
5201334BOX-10	174X1450
5201333BOX-10	174X1250
5039371BOX-10	185X594
7241968BOX-10	170X418
7323363BOX-10	928X225
7000147BOX-10	245X730
7323362BOX-10	628X225
5201331BOX-10	174X850
7241970BOX-10	170X778
7241969BOX-10	170X578
5039370BOX-10	185X444
7301001BOX-10	410X410
5204509BOX-10	225X460

EFFICIENCY G4



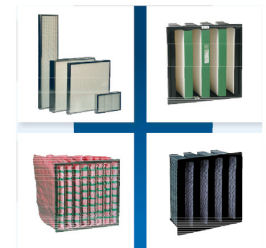
Ordering references	Size (mm)
14742300	289X289X50
14742400	289X594X50
14743800	594X594X50
200002532	292X292X48
200002534BOX-10	596X596X48
101263BOX-8	592X592
101473BOX-10	287X592
101488BOX-5	490X592
101496BOX-5	592X592
101497BOX-10	592X287
101618BOX-5	592X592
101622BOX-8	592X287
107299BOX-10	287X592
108345BOX-10	287X592
108378BOX-5	490X592
108388BOX-5	592X490
108410BOX-5	592X592
200018744BOX-10	437X287
205889BOX-10	398X205
206093BOX-10	495X394
206452BOX-4	610X450
208234BOX-8	595X595
219319BOX-10	590X390
232021BOX-3	670X448
249301BOX-10	352X225
249302BOX-5	395X352
500076BOX-10	500X500
500152BOX-10	625X500
500958BOX-10	1000X635
503443BOX-10	1400X720
509217BOX-10	1300X390
509635BOX-10	900X390
510509BOX-10	750X385
51810113001BOX-10	287X287
57050012220BOX-7	595X495
57050012230BOX-7	595X495
900992BOX-10	292X292X49
903648BOX-13	566X350
903649BOX-13	706X430
903651BOX-7	512X510
903652BOX-7	592X592
903653BOX-13	670X448
903654BOX-13	750X502

EFFICIENCY F5



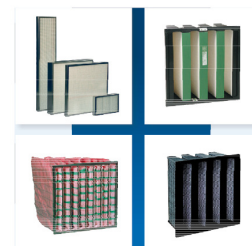
Ordering references	Size (mm)
14720017	437X287X48
200018749BOX-10	287X287
200018750BOX-10	437X287
200018751BOX-7	592X287
200018752BOX-8	437X592
200018753BOX-7	592X592

EFFICIENCY F6



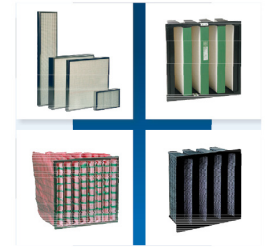
Ordering references	Size (mm)
7510113	305X305X48
2066710	305X610X48
2066510	610X610X48

EFFICIENCY F7



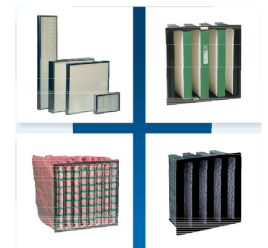
Ordering references	Size (mm)
200032976	592X287X360
200032978	592X592X360
200046888	566X352X92
903210	866X432X92
903211	592X592X92
200046891	752X502X92
200046892	866X432X500
903214	592X592X500
200046894	502X752X500
903216	592X892X500
13875201	592X592X500
13879904	437X287X520
200004651	287X592X534
200004652	287X287X534
200013378	592X592X290
13879904-437592520	437X592X520
13879904-592287520	592X287X520
200032979BOX-8	287X287X360
200032977BOX-7	287X592X360
200029959BOX-7	287X592

EFFICIENCY F8



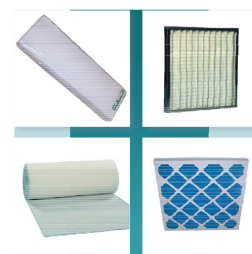
Ordering references	Size (mm)
200004585	592X592X290
200013379	592X292X290
B036874H01	485X715X50
7511209	610X610X48
7511210	305X610X48
7511211	305X305X48

EFFICIENCY F9



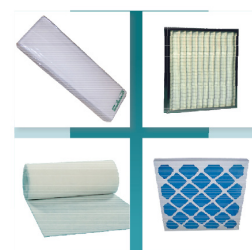
Ordering references	Size (mm)
7509786	305X305X48
7509730	305X610X48
7317855	610X610X48
B036874H02	350X1460/3X50
--KH--12AI-002--M	287X592X534
--KH--12AI-007--M	892X592X534

EFFICIENCY M5



Ordering references	Size (mm)
102070BOX-13	287X592
102167BOX-10	287X592
102171BOX-10	287X287
102253BOX-10	287X592
102344BOX-10	287X592
102348BOX-8	287X287
105101BOX-10	287X592
207443BOX-10	495X495
210151BOX-10	495X495
210876BOX-10	495X394
224414BOX-6	550X307
243870BOX-10	595X290
502677BOX-10	530X290
509282BOX-10	860X650
943066BOX-4	437X592

EFFICIENCY M6



Ordering references	Size (mm)
102614BOX-7	287X592
103990BOX-7	287X592

EPURE

Ordering references	Size (mm)
7301002BOX-12	410X410
7323368BOX-7	628X194
7323369BOX-2	628X223
7323370BOX-7	928X224
7323371BOX-7	928X259
7330846BOX-10	235X440
7330847BOX-7	235X690
7394697BOX-8	1228X258
7323672BOX-10	552X552





I | PRESSURE SWITCH

PRESSURE SWITCH / HIGH PRESSURE SWITCH

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DANFOSS

Ordering references	Product range	Utilisation type	Setting / Cut-in point	Cut-out point	Differential	Frigo connection (inch)	Electrical contact	Reset	Voltage (V)	Electrical connection	Refrigerant
00PPG000513902A	ACB 1UB	HP	10 ±2	13.5 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000453300B	ACB 1UB	HP	10 ±2	15 +0.5/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000514001A	ACB 1UB	HP	11 ±2	14.5 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000513900-	ACB 1UB	HP	11 ±2	17 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000513901A	ACB 1UB	HP	11 ±2	17 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000469901A	ACB 1UB	HP	12 ±2	17 +0.5/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000514000-	ACB 1UB	HP	13 ±2	18 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000513903A	ACB 1UB	HP	13 ±2	18.5 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000514002A	ACB 1UB	HP	14 ±2	19.5 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000469903A	ACB 1UB	HP	15 ±2	21 ±0.5		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000541200A	ACB 1UB	HP	16 ±2	22.5		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000469904A	ACB 1UB	HP	17 ±2	23.5 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000513904A	ACB 1UB	HP	20 ±2	26 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
00PPG000514003A	ACB 1UB	HP	21 ±2	27 +0/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
--WA--12LN-008-EE	MP54	HP			0.65/0.41	1/4» SAE FLARE MALE		MANUEL	120/240	4 VIS M4	R22/R134A
00PPG000473400A		HP	15 ±2	21 +0.5/-1		1/4» SAE FLARE FEMALE	SPST/NC	MANUEL	250	WAGO	
--WA--12BA-003-EE		HP				1/4» SAE FLARE FEMALE					R22/R134A/R407C
00PPG000008205B	ACB 1UB	HP	24 ±2	31.3 ±0.7		1/4» SAE FLARE FEMALE	SPST/NC	AUTOMATIC	250	WAGO	
00PPG000008206B	ACB 1UB	HP	24 ±2	31.3 ±0.7		1/4» SAE FLARE FEMALE	SPST/NC	AUTOMATIC	250	WAGO	
061F6491	ACB 1UB	HP	34 ±2	44 +0/-1.5		1/4» SAE FLARE MALE	SPST//NC	AUTOMATIC	250		
00PPG000008204B	ACB 1UB	HP	34 ±2	44.2 ±0.7		1/4» SAE FLARE FEMALE	SPST/NC	AUTOMATIC	250	WAGO	
00PPG000480000C	ACB 1UB	HP	37 ±2	47 +0/-1.4		1/4» SAE FLARE FEMALE	SPST/NC	AUTOMATIC	250	WAGO	
7248890	ACB 2UB	HP	33 ±2.1	42.54 ±1.2		1/4» SAE FLARE FEMALE	SPST/NC	AUTOMATIC	250	AWG18	R22/R407C/R134A/R410A/R1234ZE
7204500	ACB 2UC	HP	19 ±1.2	23 ±0.7		1/4» SAE FLARE FEMALE	SPDT	AUTOMATIC	250	CABLE	R22/R407C/R134A/R410A/R1234ZE
060-117966	KP5	HP	35		1.8/6	1/4» SOLDER ODF FEMALE	SPDT	AUTOMATIC	400		R22/R134A/R407C/R404A

JOHNSON CONTROL

Double High Pressure Switch



Ordering references	Utilisation type	Setting / Cut-in point	Cut-out point	Range setting	Frigo connection (inch)	Electrical contact	Reset	Voltage (V)	Refrigerant
--VA--12BF-001-EE	HP DBK/SDBK	19 ±0.5	20.5 ±0.75	3/30	7/16 20UNF MALE NUT	SPST	MANUEL	400	R22/R134A/R404A
--VA--12BF-003-EE	HP DBK/SDBK	25 ±0.5	26.5 ±0.75	3/30	7/16 20UNF MALE NUT	SPST	MANUEL	400	R22/R134A/R404A
--VA--12BF-007-EE	HP DBK/SDBK	27 ±0.5	28.5 ±0.75	3/30	7/16 20UNF MALE NUT	SPST	MANUEL	400	R22/R134A/R404A
--VA--12BF-004-EE	HP DBK/SDBK	29 ±0.5	30.5 ±0.75	3/30	7/16 20UNF MALE NUT	SPST	MANUEL	400	R22/R134A/R404A



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SIEMENS

3 Poles Contactors

Previous range 3RT1 replaced by 3RT2

NO : Normaly open

NF : Normaly closed



Ordering reference	MAIN CONTACT	Auxiliary contact	Voltage (V)	FREQUENCY (HZ)	Power (W) 400 V
3RT2015-1AB01	3	1 NO	24	50/60	3
3RT2015-1AB02	3	1 NC	24	50/60	3
3RT2015-1AF01	3	1 NO	110	50/60	3
3RT2015-1AP01	3	1 NO	230	50/60	3
3RT2015-2AB01	3	1 NO	24	50/60	3
3RT2015-2AB02	3	1 NC	24	50/60	3
3RT2016-1AB01	3	1 NO	24	50/60	4
3RT2016-1AB02	3	1 NC	24	50/60	4
3RT2016-1AP01	3	1 NO	230	50/60	4
3RT2016-2AB01	3	1 NO	24	50/60	4
3RT2017-1AB01	3	1 NO	24	50/60	5,5
3RT2017-1AB02	3	1 NC	24	50/60	5,5
3RT2017-1AF01	3	1 NO	110	50/60	5,5
3RT2017-1AP01	3	1 NO	230	50/60	5,5
3RT2017-1AP02	3	1 NC	230	50/60	5,5
3RT2017-2AB01	3	1 NO	24	50/60	5,5
3RT2023-1AP00	3	-	230	50	4
3RT2023-2AB00	3	1 NO / 1NC	24	50	4
3RT2024-1AB00	3	-	24	50	5,5
3RT2024-1AF00	3	-	110	50	5,5
3RT2025-1AB00	3	-	24	50	7,5
3RT2025-1AB04	3	2 NO / 2NC	24	50	7,5
3RT2025-1AG20	3	-	110	50	7,5
3RT2025-1AP04	3	2 NO / 2NC	230	50	7,5
3RT2025-1BB40	3	-	24	50/60	7,5
3RT2026-1AB00	3	-	24	50	11
3RT2026-1AB04	3	-	24	50	11
3RT2026-1AC20	3	-	24	50/60	11
3RT2026-1AF00	3	-	110	50	11
3RT2026-1AG20	3	-	110	50/60	11
3RT2026-1AK60	3	-	110	50/60	11
3RT2026-1AP00	3	-	230	50	11
3RT2026-2AB00	3	1 NO / 1NC	24	50	11
3RT2027-1AB00	3	1 NO / 1NC	24	50	15
3RT2027-2AB00	3	1 NO / 1NC	24	50	15

SIEMENS

3 Poles Contactors

Previous range 3RT1 replaced by 3RT2

NO : Normaly open

NF : Normaly closed



Ordering reference	MAIN CONTACT	Auxiliary contact	Voltage (V)	FREQUENCY (HZ)	Power (W) 400 V
3RT2028-1AB00	3	1 NO / 1NC	24	50	18,5
3RT2034-1AB00	3	-	24	50	15
3RT2034-3AB00	3	-	24	50	15
3RT2035-1AB00	3	-	24	50	18,5
3RT2035-1AB04	3	2 NO / 2NC	24	50	18,5
3RT2035-1AC20	3	-	24	50/60	18,5
3RT2035-1AF00	3	-	110	50	15
3RT2035-1AG20	3	-	110	50/60	15
3RT2035-1AP00	3	-	230	50	18,5
3RT2035-3AB00	3	-	24	50	18,5
3RT2035-3AF00	3	-	110	50	15
3RT2036-1AB00	3	-	24	50	22
3RT2036-1AB04	3	2 NO / 2NC	24	50	22
3RT2036-1AF00	3	-	110	50	22
3RT2036-1AF04	3	2 NO / 2NC	110	50	22
3RT2036-1AP00	3	-	230	50	18,5
3RT2036-1NF30	3	-	110	50/60	18,5
3RT2044-1AC20	3	-	24	50/60	30
3RT2044-1AF00	3	-	110	50	30
3RT2044-1AF04	3	2 NO / 2NC	110	50	LYON
3RT2044-1AG20	3	-	110	50/60	30
3RT2044-1AP00	3	-	230	50	30
3RT2044-3AB00	3	-	24	50	30
3RT2044-3AF00	3	-	110	50	30
3RT2045-1AF00	3	-	110	50	37
3RT2045-1AG20	3	-	110	50/60	37
3RT2045-1AP04	3	2 NO / 2NC	230	50	37
3RT2045-3AF00	3	-	110	50	37
3RT2046-1AB00	3	-	24	50	45
3RT2046-1AP04	3	2 NO / 2NC	230	50	45
3RT2046-3AF00	3	-	110	50	45
3RT2316-2AB00	4	-	24	50/60	4

SIEMENS

Contactors

NO : Normaly open

NF : Normaly closed

Ordering Reference	Description	Power category AC3 / 400V
3RT1954-6A	ACCESSORIE / MAIN CONTACTS COMPLET SET FOR 3RT1054	55
3RT1955-6A	ACCESSORIE / MAIN CONTACTS COMPLET SET FOR 3RT1055	75
3RT1956-6A	ACCESSORIE / MAIN CONTACTS COMPLET SET FOR 3RT1056	90
3RT1964-6A	ACCESSORIE / MAIN CONTACTS COMPLET SET FOR 3RT1064	110
3RT1965-6A	ACCESSORIE / MAIN CONTACTS COMPLET SET FOR 3RT1065	132

For more information about 3RT2 contactors accessories, please contact us

SCHNEIDER

Contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	MAIN CONTACT	Auxiliary contact	Voltage (V)	FREQUENCY (HZ)	Power (W) 400 V
LC1K0601B7	3	1 NC	24	50/60	2,2
LC1K0610B7	3	1 NO	24	50/60	2,2
LC1K09004B7	4	1NO / 1 NC	24	50/60	44
LC1K0901B7	3	1 NC	24	50/60	4
7262253	3	1 NO	24	50/60	4
LC1D12B7	3	1NO / 1 NC	24	50/60	5,5
LC1D18B7	3	1NO / 1 NC	24	50/60	7,5
LC1D25B7	3	1NO / 1 NC	24	50/60	11
LC1D32BD	3	1NO / 1 NC	24	50/60	15
--CT--12SA-099--EE		1NO / 1 NC			
3261545	3	1NO / 1 NC	115	50/60	37
3261546	3	1NO / 1 NC	230	50/60	5,5
7262655	3	1NO / 1 NC	230	50/60	7,5
3261548	3	1NO / 1 NC	230	50/60	11
7326798	3	1NO / 1 NC	230	50/60	18,5
7326739	3	1 NO	220	50/60	110
7326738	3	1NO / 1 NC	230	50/60	7,5
3261861	3	1NO / 1 NC	230	50/60	45
7015407	3	-	230	50/60	75
7318196	3	1 NC	230	50/60	4
7243892	3	1NO / 1 NC	230	50/60	15
7326784	3	1NO / 1 NC	230	50/60	30

TELEMECANIQUE

Contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	MAIN CONTACT	Auxiliary contact	Voltage (V)	FREQUENCE (HZ)	Power (W) 400 V
--CT--12DA-503--EE		1NO / 1 NC			22
--CT--12DA-803--EE	3	1NO / 1 NC	230	50/60	37
--CT--12SB-099--EE		1NO / 1 NC			4
--CT--12SB-403--EE		1NO / 1 NC			18,5
--CT--12SB-503--EE		1NO / 1 NC			22
--CT--12SB-603--EE		1NO / 1 NC			30
--CT--12SB-803--EE		1NO / 1 NC			37

ABB

Contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	MAIN CONTACT	Auxiliary contact	Voltage (V)	FREQUENCE (HZ)	Power (W) 400 V
0351802H98	3	1NO / 1 NC	230	50/60	4
0351804H30		1NO / 1 NC			
7239488	2	-	230/264	50/60	
--CW--12AL-619--EE	3	1 NO	24	50/60	4
7262876	3	1 NO	220	50/60	5,5
--CW--12AL-060--EE	3	1NO / 1 NC	220	50/60	18,5
--CW--00AL-279--EE		1NO / 1 NC			
--CW--00AL-725--EE		1NO / 1 NC			
--CW--12AL-019--EE	3	1 NO	220	50/60	2,2
--CW--12AL-025--EE	3	1 NO	220	50/60	7,5
--CW--12AL-034--EE	3	1NO / 1 NC	220	50/60	11
--CW--12AL-040--EE	3	1NO / 1 NC	220	50/60	15
--CW--12AL-064--EE	3	1NO / 1 NC	220	50/60	22
--CW--12AL-079--EE	3	1NO / 1 NC	220	50/60	30
--CW--12AL-090--EE		-			
--CW--12AL-622--EE	3	1 NO	24	50/60	5,5
--CW--12AL-625--EE		1 NO			
--CW--12AL-634--EE	3	1NO / 1 NC	24	50/60	11
--CW--12AL-660--EE	3	1NO / 1 NC	24	50/60	18,5
--CW--12AL-664--EE	3	1NO / 1 NC	24	50/60	22
--CW--12AL-679--EE	3	1NO / 1 NC	24	50/60	30
--CW--12BE-001--EE	3	3 NO / 0 NC MAIN CONTACT	220	50/60	45
--CW--12BE-002--EE	3	3 NO / 0 NC MAIN CONTACT	220	50/60	55
--CW--12BE-003--EE	3	1NO / 1 NC	220	50/60	75
--CW--12BE-005--EE	3	1NO / 1 NC	220	50/60	90
7513896	3		230	50/60	22
--CW--12BE-018--EE		0 NO / 0 NF			

ABB

Mini contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	MAIN CONTACT	Auxiliary contact	Voltage (V)	FREQUENCE (HZ)	Coil voltage/frequency
--CW--12AF-602--EA	3	1 NO	24	50/60	24 V AC / 40...450
--CW--12AF-002--EA	3	1 NC	230	50/60	230 V AC / 40...450
0351811H21		0 NO / 1 NF			24 V AC / 40...450

SIEMENS

AUXILIARY CONTACT RELAYS



Ordering Reference	MAIN CONTACT	Voltage (V)
3RH2122-1AB00	3	24
3RH2122-1AF00	3	110
3RH2122-1AP00	3	230
3RH2131-1AB00	3	24
3RH2131-2AF00	3	110
3RH2140-1AB00	3	24
3RH2140-2AP00	3	230
3RH1911-2FA11	3	
3RH1911-2HA01	3	
3RH1921-1EA02	3	
3RH1921-1EA11	3	
3RH1921-1LA20	3	
3RH2131-2AB00	3	24
3RH2140-2AB00	3	24

TELEMECANIQUE

Contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	Auxiliary contact
--CT--12XA-040--EE	4 NO

SCHNEIDER

Contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	Auxiliary contact
7326734	
3261604	
LA1KN11	1 NO / 4 NF
CA2SK20B7	2 NO / 0 NF

ABB

Contactors

NO : Normaly open

NF : Normaly closed



Ordering Reference	Auxiliary contact
871200	1 NO / 1 NC
--CW--12XA-031--EA	3 NO/ 1 NF
--CW--12XC-001--EE	1 NO / 1 NC
--CW--12XC-002--EE	1 NO / 1 NC
7262891	
--CW--12XL-010--EE	1 NO
--CW--12XL-901--EE	1 NC
--CY--12AK-405--EE	2 NO / 2 NC

SIEMENS

Starter

NO: Normally open

NF: Normally closed



Ordering references	PART DESIGNATION	starting / rated values for wiring type	Power 40°C/400V (kW)	Supply voltage (V)	Operational Voltage (V)	Rated current I _e /50°C (A)
57090020004	SOFT STARTER 3RW3014-1BB04					
57090020006	SOFT STARTER					
57090020007	SOFT STARTER 3RW3018-1BB04					
3RW3024-1AB04	ELECTRONIC SOFT STARTER					
3RW3026-1AB04	ELECTRONIC SOFT STARTER					
3RW3026-1BB04	ELECTRONIC SOFT STARTER 11KW 400V S0					
3RW3026-2BB04	ELECTRONIC SOFT STARTER					
3RW3027-1BB04	ELECTRONIC SOFT STARTER 15KW 400V S0	CLASS 10 / INLINE CIRCUIT	15	AC/DC 24 V	200-480 V	29
3RW3027-2BB04	SOFT STARTER					
3RW3028-2BB04	ELECTRONIC SOFT STARTER					
3RW3034-1AB04	ELECTRONIC SOFT STARTER 15KW 24V					
3RW3035-1AB04	ELECTRONIC SOFT STARTER					
3RW3036-1AB04	ELECTRONIC SOFT STARTER					
3RW3036-1BB04	ELECTRONIC SOFT STARTER 22KW 400V S2	CLASS 10 / INLINE CIRCUIT	22	AC/DC 24 V	200-480 V	42
3RW3037-1BB04	SOFT STARTER					
3RW3037-1BB14	SOFT STARTER					
3RW3038-1BB04	PROGRAMMABLE STARTER					
3RW3044-1AB04	ELECTRONIC SOFT STARTER					
3RW3346-0EC34	STARTER TO BE LOADED	CLASS 10 / INSIDE- DELTA CIRCUIT WITH EXTERNAL BYPASS	-	115 V AC	200-460 V AC	80
3RW4026-1BB04	ELECTRONIC SOFT STARTER 11KW 400V S0					
3RW4027-1BB04	ELECTRONIC SOFT STARTER 15KW 400V S0					
3RW4027-2BB04	SOFT STARTER	CLASS 10 / INLINE CIRCUIT	15	AC/DC 24 V	200-480 V	32
3RW4028-1BB04	ELECTRONIC SOFT STARTER 18,5KW 400V	CLASS 10 / INLINE CIRCUIT	18.5	AC/DC 24 V	200-480 V	34
3RW4028-2BB04	ELECTRONIC SOFT STARTER					
3RW4036-1BB04	SOFT STARTER 45A 22KW/400V					
3RW4037-1BB04	ELECTRONIC SOFT STARTER 30KW 400V S2					
3RW4037-2BB04	ELECTRONIC SOFT STARTER	CLASS 10 / INLINE CIRCUIT	30	AC/DC 24 V	200-480 V	58
3RW4075-6BB44	STARTER SIRISU 356A 200KW/400V					
3RW4445-6BC36	ELECTRONIC SOFT STARTER					
3RW4446-6BC34	SOFT STARTER					
3RW4446-6BC44	SOFT STARTER					
3RW4447-6BC34	SOFT STARTER					
3RW4454-6BC34	SOFT STARTER					
3RW4454-6BC36	SOFT STARTER					
3RW4928-8VB00	FAN STARTER					



ABB

1 Pole circuit Breakers

Ordering references	Number of poles	Operating current (A) 400V	Terminal	Voltage (V)	Frequency (HZ)
7212040	1	2	SCREW	230	50/60
7267141	1				50/60

SCHNEIDER

1 Pole circuit Breakers

Ordering references	Number of poles	Operating current (A) 400V	Terminal	Voltage (V)	Frequency (HZ)
7245852	1	8	1 OR 2 CABLE	250	50/60
7326724	1	3	1 OR 2 CABLE	250	50/60

SIEMENS

1 Pole circuit Breakers



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Voltage (V)	Frequency (HZ)
5SY5101-7	1	1	QUICK	400	50/60
5SY6004-7	1	4	QUICK	230	50/60
5SY6101-7	1	1	QUICK	230	50/60
5SY6102-7	1	2		400	50/60
5SY6105-7	1	0,5		400	50/60
5SY6106-7	1	6		400	50/60
5SY6116-7	1	16		400	50/60
5SL3101-7	1			400	50/60
5SY4101-8	1	1	QUICK	400	50/60
5SY4105-7	1	0,5	QUICK	400	50/60
5SY4106-7	1	6	QUICK	400	50/60
5SY4110-7	1	10		400	50/60

ABB

2 Poles circuit Breakers



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Voltage (V)	Frequency (HZ)
7212037	2	6	SCREW	230	50/60
7212041	2	4	SCREW	230	50/60
7227737	2	10	SCREW	230	50/60
7227738	2	16	SCREW	230	50/60
7381067	2	32		690	50/60
7267147N4	2	2	SCREW	230	50/60
ABB470227	2	1	SCREW	230	50/60
--FL--12EQ-003--EE	2	2	SCREW	440	50/60
2018470	2	4	SCREW	440	50/60
7096648	2	0,5	SCREW	440	50/60
7096650	2	1	SCREW	440	50/60
7096652	2	2	SCREW	440	50/60
7096654	2	3	SCREW	440	50/60
7096655	2	4	SCREW	440	50/60
7220090	2		SCREW	230	50/60
7220092	2	1	SCREW	440	50/60
7220379	2	10	SCREW	440	50/60
7227207	2	2	SCREW	440	50/60
7227730	2	20	SCREW	440	50/60
7369270	2	3	SCREW	440	50/60
7492665	2	2	SCREW	440	50/60
7526858	2	6	SCREW	440	50/60
0351406H47	2	50		415	50/60
0351406H49	2	16	SCREW	440	50/60
0351406X33	2	6	SCREW	440	50/60
--FL--12EP-001--EE	2		SCREW		50/60

SIEMENS

2 Poles circuit Breakers



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Voltage (V)	Frequency (HZ)
7512192	2	32		690	50/60
7512193	2	32		690	50/60
5SY4208-7	2	8	QUICK	400	50/60
5SY4210-6	2	10	QUICK	400	50/60
5SY4210-8	2	10	QUICK	400	50/60
5SY4213-6	2	13	QUICK	400	50/60
5SY4220-6	2	20	QUICK	400	50/60
5SY4225-6	2	25	QUICK	400	50/60
5SY4225-7	2	25	QUICK	400	50/60
5SY4240-7	2	40	QUICK	400	50/60
5SY6202-7	2	2		400	50/60
5SY62106	2	10		400	50/60
5SY62206	2	20		400	50/60
5SY6232-7	2	32	QUICK	230	50/60
5SY7206-6	2	6	QUICK	400	50/60
5SM2322-6	2	1000		400	50/60
5SU1354-0KK06	2	6		230	50/60
5SV4311-0KL	2	16		230	50/60
5SY4201-8	2	1	SCREW	400	50/60
5SY4206-6	2	6	QUICK	400	50/60

SCHNEIDER

2 Poles circuit Breakers



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Voltage (V)	Frequency (HZ)
25421	2	4	SCREW	500	50/60
7408419	2	6	SCREW	500	50/60
7409125	2	1	SCREW	500	50/60
7409126	2	10	SCREW	500	50/60
A9F95202	2	2	SCREW	500	50/60
A9F95203	2	3		440	50/60
GB2DB06	2	1	1 OR 2 CABLE	415	50/60

SIEMENS

3 Poles circuit Breakers

Without auxiliary contact bloc.

Previous range 3RV1 replaced by 3RV2



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Power (KW) 400V	Voltage (V)	Frequency (HZ)	Thermal overload release setting current Ir (A)	Rated current Ie/50°C (A)	instantaneous overcurrent release Im (A)
3RV2011-0BA20	3	0,2	SPRING	0,06	690	50/60			
3RV2011-0CA10	3	0,25	SCREW	0,06	690	50/60	0,18 - 0,25	0,25	3,3
3RV2011-0DA10	3	0,32	SCREW	0,09	690	50/60	0,22 - 0,32	0,32	3,8
3RV2011-0DA20	3	0,32	SPRING	0,09	690	50/60	0,22 - 0,32	0,32	3,8
3RV2011-0FA10	3	0,5	SCREW	0,12	690	50/60	0,35 - 0,5	0,5	6
3RV2011-0GA10	3	0,63	SCREW	0,18	690	50/60	0,45 - 0,63	0,63	8,2
3RV2011-0GA20	3		CAGE CLAMP	0,18	690	50/60	0,45 - 0,63	0,63	7,6
3RV2011-0GA25	3	0,63	SPRING	0,18	690	50/60			
3RV2011-0HA20	3	0,8	SPRING	0,18	690	50/60	0,55 - 0,80	0,8	10
3RV2011-0JA10	3	1	SCREW	0,25	690	50/60	0,70 - 1,00	1	12
3RV2011-4AA10	3	16	SCREW	7,5	690	50/60			
3RV2011-4AA20	3	16	SPRING	7,5	690	50/60			
3RV2021-1KA20	3	12,5	SPRING	5,5	690	50/60			
3RV2011-0JA20	3	0,85	SPRING	0,25	690	50/60	0,70 - 1,00	1	12
3RV2011-0KA10	3	1,1	SCREW	0,37	690	50/60	0,9 - 1,25	1,25	16
3RV2011-0KA20	3	1,25	SPRING	0,37	690	50/60	0,9 - 1,25	1,25	15
3RV2011-1AA10	3	1,6	SCREW	0,55	690	50/60	1,1 - 1,6	1,6	21
3RV2011-1AA20	3	1,6	SPRING	0,55	690	50/60			
3RV2021-4AA10	3	16	SCREW	7,5	690	50/60	11-16	16	208
3RV2021-4AA15	3	16	SCREW	7,5	690	50/60	11-17	16	208
3RV2021-4AA20	3	16	SCREW	7,5	690	50/60	11 - 16	16	208
3RV2011-1BA10	3	2	SCREW	0,75	690	50/60	1,4 - 2	2	26
3RV2011-1BA15	3	2	SCREW	0,75	690	50/60	1,4-2	2	26
3RV2011-1BA20	3	1,9	SPRING	0,75	690	50/60			
3RV2021-4BA15	3	20	SCREW	7,5	690	50/60	14-20	20	260
3RV2021-4BA20	3	15,5	SPRING	7,5	690	50/60			
3RV2011-1CA10	3	2,5	SCREW	0,75	690	50/60			
3RV2011-1CA15	3	1,9	SCREW	0,75	690	50/60			
3RV2011-1DA10	3	3,2	SCREW	1,1	690	50/60	2,2 - 3,20	3,2	42
3RV2011-1EA10	3	4	SCREW	1,5	690	50/60	2,8-4	4	48
3RV2011-1EA20	3	3,6	SPRING	1,5	690	50/60			
3RV2011-1FA10	3	5	SCEW	2,2	690	50/60			
3RV2011-1FA20	3	5	SPRING	2,2	690	50/60	3,50 - 5,00	5	60
3RV2011-1GA10	3	6,3	SCREW	2,2	690	50/60	4,5-6,3	6,3	82
3RV2011-1GA20	3	6,3	SPRING	2,2	690	50/60	4,5 - 6,3	6,3	82
3RV2011-1HA10	3	8	SCREW	3	690	50/60	5,5-8	8	96
3RV2011-1HA20	3	8	SPRING	3	690	50/60	5,5 - 8	8	96
3RV2011-1HA25	3	8	SPRING	3	690	50/60			
3RV2011-1JA10	3	10	SCREW	4	690	50/60	7 - 10	10	120
3RV2011-1JA20	3	10	SPRING	4	690	50/60	7 - 10	10	130
3RV2011-1KA10	3	12	SCREW	5,5	690	50/60	9 - 12	12	156

SIEMENS

3 Poles circuit Breakers

Without auxiliary contact bloc.

Previous range 3RV1 replaced by 3RV2



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Power (KW) 400V	Voltage (V)	Frequency (HZ)	Thermal overload release setting current Ir (A)	Rated current Ie/50°C (A)	instantaneous overcurrent release Im (A)
3RV2021-4CA10	3	22	SCREW	11	690	50/60			
3RV2021-4CA20	3	22	SPRING	11	690	50/60	17 - 22	22	286
3RV2021-4DA10	3	25	SCREW	11	690	50/60	20-25	25	300
3RV2021-4EA10	3	32	SCREW	15	690	50/60			
3RV2021-4FA10	3	40	SCREW	18,5	690	50/60			
3RV2021-4NA10	3	22	SCREW	11	690	50/60			
3RV2021-4NA20	3	22	SPRING	11	690	50/60			
3RV2011-1AA25	3	1,6	SPRING	0,55	690	50/60			
3RV2031-4EA10	3	32	SCREW	15	690	50/60	22 - 32	32	416
3RV2031-4UA10	3	40	SCREW	18,5	690	50/60			
3RV2031-4VA10	3	45	SCREW	22	690	50/60			
3RV2031-4WA10	3	50	SCREW	22	690	50/60	40 - 50	50	650
3RV2011-1CA20	3	2,5	SPRING	0,75	690	50/60	1,8 - 2,5	2,5	30
3RV2041-4KA10	3	75	SCREW	37	690	50/60	57 - 75	75	975
3RV2041-4MA10	3	100	SCREW	45	690	50/60			
3RV2311-4AC20	3	16	SPRING	7,5	690	50/60			
3RV2321-4EC10	3	32	SCREW	15	690	50/60			
3RV2011-1DA20	3	2,7	SPRING	1,1	690	50/60	2,2 - 3,3	3,3	42
3RV2411-0BA10	3	0,2	SCREW		690	50/60			
3RV2411-0GA10	3	0,63	SCREW		690	50/60			
3RV2411-0JA10	3	1	SCREW		690	50/60			
3RV2411-1CA20	3	1,9	SPRING	0,75	690	50/60			
3RV2411-1GA10	3	6,3	SCREW		690	50/60			
3RV2411-1GA20	3	4,9	SPRING	2,2	690	50/60			
3RV2411-1HA10	3	8	SCREW	3	690	50/60			
3RV2411-1JA10	3	10	SCREW		690	50/60			
3RV2411-1KA10	3	12,5	SCREW		690	50/60			
3RV2411-4AA10	3	16	SCREW	7,5	690	50/60			
3RV2421-4DA10	3	22	SCREW	11	690	50/60			
3RV2421-4DA20	3	22	SPRING	11	690	50/60			
3RV2902-1AB4	3		SCREW		690	50/60			

SIEMENS

3 Poles circuit Breakers
Without auxiliary contact bloc.



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Power (KW) 400V	Voltage (V)	Frequency (HZ)
7512194	3	32			690	50/60
7512195	3	5	SCREW	1,5	690	50/60
3LD2113-0TK51	3	25		7,5	690	50/60
3VL2716-1DK33-0AA0	3	160	BOX		690	50/60
3VL3725-2DC36-0AA0	3	250	SCREW		690	50/60
3VL4731-2DC36-0AA0	3	315	SCREW		690	50/60
3VL5750-3SP36-8RA0	3	500	SCREW	277,1	690	50/60
3VL5763-1DE36-8RE1	3	630	SCREW		690	50/60
3VL6780-2DE36-8RA0	3	800	SCREW		690	50/60
3VL7712-2DE36-8RA0	3	1,25	SCREW		690	50/60
3VL98001SR00	3					50/60
3WL1108-3BB32-1AF2	3	800			690	50/60
5SL4320-7	3	20			400	50/60
5SY4306-7	3	6	QUICK		400	50/60
5SY4310-7	3	10	QUICK		400	50/60
5SY4316-7	3	16	QUICK		400	50/60
5SY4320-7	3	20	QUICK		400	50/60
5SY4332-7	3	32	QUICK		400	50/60
5SY4332-8	3	32	QUICK		400	50/60
5SY6320-7	3	20	QUICK		230	50/60
5SY6340-7	3	40	QUICK		230	50/60
8US1051-5CM47	3	12,5	CABLE		400	50/60

ABB

3 Poles circuit Breakers



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Power (KW) 400V	Voltage (V)	Frequency (HZ)
2075780	3	80	SCREW		440	50/60
3264522	3	50	SCREW	22	690	50/60
3264523	3	63	SCREW	30	690	50/60
7096657	3	32	SCREW		440	50/60
7096658	3	40	SCREW		440	50/60
7120636	3	80	SCREW		440	50/60
7211615	3	2,5	SCREW	0,75	690	50/60
7211617	3	4	SCREW	1,5	690	50/60
7211618	3	6,3	SCREW	2,2	690	50/60
7211620	3	12	SCREW	7,5	690	50/60
7213280	3	12,5	SCREW		690	50/60
7213281	3	16	SCREW		690	50/60
7220093	3	25	SCREW		440	50/60
7220410	3	16	SCREW		440	50/60
7220514	3	6	SCREW		440	50/60
7221655	3	0,63	SCREW	0,18	690	50/60
7227732	3	10	SCREW		440	50/60
7227733	3	20	SCREW		440	50/60
7262814	3	32	SCREW	15	690	50/60
7262820	3	25	SCREW	12,5	690	50/60
7262829	3	6,3	SCREW	2,2	690	50/60
7262830	3	10	SCREW	4	690	50/60
7262832	3	16	SCREW	7,5	690	50/60
7269565	3	1	SCREW		440	50/60
7269566	3	2	SCREW		440	50/60
7269567	3	3	SCREW		440	50/60
7269569	3	4	SCREW		440	50/60
7269570	3	6	SCREW		440	50/60
7326854	3	40	SCREW	18,5	690	50/60
7351349	3	2,5	SCREW		690	50/60
7351352	3	6,3	SCREW		690	50/60
7452110	3	65		30	690	50/60
7458256	3	54	SCREW	22	690	50/60
7512690	3	42	SCREW	22	690	50/60
1939760	3	40	SCREW		440	50/60
7096659	3	50	SCREW		440	50/60
7153045	3	16	SCREW		400	50/60
7220412	3	50	SCREW		440	50/60
7492666	3	10	SCREW		440	50/60
7492667	3	32	SCREW		440	50/60
ABB141104	3	1	SCREW	0,25	690	50/60
ABB141105	3	1,6	SCREW	0,55	690	50/60
ABB141109	3	10	SCREW	4	690	50/60
ABBH440013	3	20	SCREW	7,5	690	50/60
--FL--12LM--EE	3	4	SCREW	1,5	690	50/60

SCHNEIDER

3 Poles circuit Breakers



Ordering references	Number of poles	Operating current (A) 400V	Terminal	Power (KW) 400V	Voltage (V)	Frequency (HZ)
25508	3	40	SCREW		500	50/60
599167	3	18	SCREW	7,5	690	50/60
599168	3	23	SCREW	9	690	50/60
599173	3	100	SCREW	45	690	50/60
599174	3	32	SCREW	15	690	50/60
599718	3	2,5			250	50/60
3261898	3	100	TUNNEL RIGIDE FIL		415	50/60
3264400	3	32	SCREW	15	690	50/60
7015396	3	2,5			250	50/60
7015398	3	150	SCREW	75	690	50/60
7152758	3	10	SCREW	4		50/60
7177184	3	38			690	50/60
7224719	3	50		22	690	50/60
7326731	3	220		110	690	50/60
7326797	3	40		18,5	690	50/60
7329211	3	25		11	690	50/60
7408397	3	10	SCREW		500	50/60
7409127	3	16	SCREW		500	50/60
A9F74301	3	1	SCREW		500	50/60
GV2G254	3	11			690	50/60
GV2G354	3	11			690	50/60
GV2ME08	3	4	SCREW	1,5	690	50/60
GV2ME10	3	6,3	SCREW	2,2	690	50/60
GV2RT07	3	1,6	SCREW	1,5	690	50/60
GV2RT08	3	2,5	SCREW	3	690	50/60
GV2RT10	3	4	SCREW	1,1	960	50/60
LV431830	3	250			690	50/60
LV431832	3	160			690	50/60
LV432693	3	400			690	50/60
LV432749	3	320			690	50/60
LV432893	3	630			690	50/60
LV432949	3	630	1 OR 2 CABLE		690	50/60
A9F95332	3	32	SCREW		500	50/60
A9F95350	3	50	SCREW		500	50/60

ABB

Breaker
NO = Normaly Open
NF = Normaly closed



Ordering references	Type	Number of poles
0351406H44	S803S-C80	3
--CW--12XC-002--EE	CAL16-11C	1 NO / 1 NC
7262891	CA5 01	1 NF
--CW--12XL-010--EE	CA5 10	1 NO

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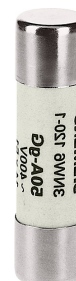
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Ordering references	Rated current (A)	Diameter x Height
FUSE060	6	5X20
FUSE080	8	5X20
FUSE010	1	5X20
FUSE10A	10	5X20
FUSE6A-GG-6.3X32		

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Cylindrical fuses



Ordering references	Rated current (A)	Diameter x Height
3NW7013	32	10X38
3NW6117-1	40	14X51
3NW6120-1	50	14X51
3NW6110-1	25	14X51
3NW6112-1	32	14X51
3NW6003-1	10	
3NW6004-1		

SIEMENS

Link fuses



Ordering references	Size	Rated current (A)
3NA3136	T1	160
3NA3136-6		
3NA3140	T1	200
3NA3140-6		200
3NA3142	T1	224
3NA3144	T1	250
3NA3244	T2	250
3NA3252	T2	315
3NA3254	T2	355
3NA3260	T2	400
3NA3352	T3	315
3NA3365	T3	500
3NA3372	T3	630
3NA3810	T000	25
3NA3812	T000	32
3NA3814	T000	35
3NA3817	T000	40
3NA3820	T000	50
3NA3822	T000	63
3NA3824	T00	80
3NA3830	T000	100
3NA3832	T00	125
3NA3832-8	T000	125
3NA3836	T00	160
3NA6130	T1	100
3NA6824		80
3ND1836	T00	160
3ND2122	T1	63
3ND2130	T1	100
3ND2132	T1	125
3ND2252		315
3ND2254	T2	355
3NE3335	T2	560
3NE1803-0		35
3NE1813-0		

SIEMENS

Cylindrical fuses
Accessories

Ordering references	Description
3NW7131	FUSES HOLDER
3KX7131-2AA00	FUSES COVER
3KX7131-4AA00	FUSES COVER
3KX7132-1AA00	FUSES COVER
3KX7132-2AA00	FUSES COVER
3KX7132-3AA00	FUSE PROTECTION COVER
3KX7132-4AA00	FUSES COVER

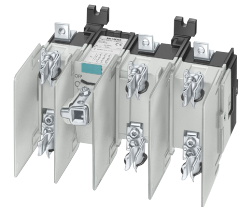
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Fuses switch disconnecter



Ordering references	Number of poles	Operating current(A) 400V	Voltage (V)	Rated current (A)	NH fuse links	Mounting
3NP1123-1BB20	3	160	690	160A	T000	FOR 40MM BUSBAR SYSTEM
3NP1123-1BC20	3			160A	T000	FOR 60MM BUSBAR SYSTEM
3NP1123-1CA20	3		690	160A	T000	FLOOR MOUNTING

Switch disconnectors with fuse



Ordering references	Number of poles	Operating current(A) 400V	Power (W) 400V	Voltage (V)	Rated current (A)	NH fuse links	Switch Reference	Shaft Reference	Standard handle Reference	Unlocking handle Reference
3KL5530-1AB01	3	250	132	690	250A	-	/		8UC7313-1BB30	-
3KL7111-3AC00					32A	T000	3KL7111-3AA00	3KX7116-2AD00	3KX7112-2AA00	18234
3KL7112-3AA00	3	45	23	690	45A	T000	3KL7112-3AA00	3KX7116-2AD00	3KX7112-2AA00	18235
3KL7112-3AC00					63A	T000	3KL7112-3AA00	3KX7116-2AD00	3KX7112-2AA00	18236
3KL7113-3AA00	3	63	33	690	63A	T000	3KL7113-3AA00	3KX7116-2AD00	3KX7112-2AA00	18237
3KL7113-3AC00					80A	T000	3KL7113-3AA00	3KX7116-2AD00	3KX7112-2AA00	18238
3KL7114-3AA00	3	80	42	690	80A	T000	3KL7114-3AA00	3KX7116-2AD00	3KX7112-2AA00	18239
3KL7114-3AC00					100A	T00	3KL7114-3AA00	3KX7116-2AD00	3KX7112-2AA00	18240
3KL7121-3AC00					125A	T00 / T0	3KL7121-3AA00	3KX7116-2AD00	3KX7112-2AA00	18241
3KL7122-3AC00					160A	T00 / T0	3KL7122-3AA00	3KX7116-2AD00	3KX7112-2AA00	18242
3KL7123-3AC00					200A	T1	3KL7123-3AA00	3KX7116-5AD00	3KX7112-4AA00	18243
3KL7131-3AC00					315A	T2	3KL7131-3AA00	3KX7116-5AD00	3KX7112-4AA00	18244
3KL7132-3AA00	3	250	130	690	315A	T2	3KL7132-3AA00	3KX7116-5AD00	3KX7112-4AA00	18245
3KL7141-3AC00					400A	T2	3KL7141-3AA00	3KX7116-5AD00	3KX7112-4AA00	18246
3KL7142-3AA00	3	400	210	690	400A	T2	3KL7142-3AA00	3KX7116-5AD00	3KX7112-4AA00	18247
3KL7142-3AC00					630A	T3	3KL7142-3AA00	3KX7116-5AD00	3KX7112-5AA00	18248
3KL7151-3AA00	3	630	330	690	630A	T3	3KL7151-3AA00	3KX7116-5AD00	3KX7112-5AA00	18249
3KL7151-3AC00										
3LD2714-0TK51	3	100	37	690						

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Switch disconnectors without fuse



Ordering references	Number of poles	Operating current(A) 400V	Power (W) 400V	Voltage (V)	Rated current (A)	Switch Reference	Shaft Reference	Standard handle Reference	Unlocking handle Reference	Width (m)	Height (m)	Depth (m)
28908	3			690	100					135	100	45
28910	3			690	125					135	100	45
28912	3			690	160					135	100	45
31102	3			690	200					14	136	86
3KA7112-3AA00	3	45	23	690								
3KA7113-3AC00					63A	3KA7113-3AA00	3KX7116-2AD00	3KX7112-2AA00	18234			
3KA7114-3AA00	3	80	42	690								
3KA7115-3AC00					100A	3KA7115-3AA00	3KX7116-2AD00	3KX7112-2AA00	18236			
3KA7116-3AA00	3	125	65	690								
3KA7116-3AC00					125A	3KA7116-3AA00	3KX7116-2AD00	3KX7112-2AA00	18237			
3KA7121-3AA00	3	160	85	690								
3KA7121-3AC00					160A	3KA7121-3AA00	3KX7116-2AD00	3KX7112-2AA00	18234			
3KA7122-3AA00	3	200	105	690								
3KA7123-3AA00	3	250	130	690								
3KA7123-3AC00					250A	3KA7123-3AA00	3KX7116-2AD00	3KX7112-2AA00	18236			
3KA7131-3AA00	3	315	165	690								
3KA7132-3AA00	3	400	210	690								
3KA7132-3AC00					400A	3KA7132-3AA00	3KX7116-5AD00	3KX7112-4AA00	18238			
3KA7141-3AA00	3	630	330	690								
3KA7141-3AC00					630A	3KA7141-3AA00	3KX7116-5AD00	3KX7112-4AA00	18236			
3KA7151-3AC00					800A	3KA7151-3AA00	3KX7116-5AD00	3KX7112-5AA00	18238			
3KA7152-3AC00					1000A	3KA7152-3AA00	3KX7116-5AD00	3KX7112-5AA00	18239			
3LD2213-0TK51	3	32	11,5	690	32	-	-	3LD9224-1B	-			
3LD2514-0TK51	3	63	22	690	63	-	-	3LD9284-1B	-			

Switch disconnectors accessories

Ordering references	Description
3KX7112-2AA00	DISCONNECTING SWITCH HANDLE
3KX7112-4AA00	DISCONNECTING SWITCH HANDLE T3/T4
3KX7116-2AD00	AXLE
3KX7116-5AD00	AXLE EXTENSION

SCHNEIDER



Ordering references	Product range
28941	PROLONGED FRONT CONTROL HANDLE
28962	ROTARY CONTROL HANDLE

ABB



Ordering references	Product range	Number of poles	Operating current(A) 400V	Power (W) 400V	Voltage (V)	Rated current (A)	Cable cross section	Section Type	Screw Diameter (for plage)
0351406H59	OT80F3					80	1.5...35 MM ²	CAGE	-
--CY--12AK-150--EE	OT125A3	3	105	55		125	10...70 MM ²	CAGE	-
--CY--12AK-152--EE	OT200E03P	3	200	110	1000	200	-	PLAGE	M8X25
7207773	OT250E03P	3	250	140	1000	250	-	PLAGE	M8X25
--CY--12AK-155--EE	OT400E03P					400	-	PLAGE	M10X30
--CY--12AK-156--EE	OT630E03P					630	-	PLAGE	M12X40
--CY--12AK-157--EE	OETL1600K3	3	800						
--CY--12AK-206--EE	OHB65J6								
--CY--12AK-280--EE	OXP6X210								
7242439	OT125F3	3	90	45	750				
7441022	OT125FT3	3	90	45	750				
7507528	OT160G03P	3	160	75	1000				
7227246	OT16F3	3	16	7,5	750				
7252803	OT25F3	3	20	9	750				
7378848	OT25FT3	3	20	9	750				
7396711	OT315E03	3	315	160	1000				
7388188	OT315E30P	3	315	160	1000				
7207791	OT400E03P	3	400	220	1000				
7252806	OT40F3	3	23	11	750				
7274185	OT40FT3	3	23	11	750				
7252808	OT63F3	3	63	22	750				
ABB939291	OT63F3	3	63	22	750				
7283235	OT63FT3	3	63	22	750				
0351406X30	OT63FT3	3	63	22	750				
0351406X31	OT63FT3	3	63	22	750				
7252809	OT80F3	3	75	37	750				
OT80F3	OT80F3	3	75	37	750				
7283240	OT80FT3	3	75	37	750				
7242440	OT125F4N2	4	90	45	750				
7335300	OT100F4N2	4	80	37	750				
7339125	OT16F4N2	4	16	7,5	750				
3264257	OT25F4N2	4	20	9	750				
3264258	OT40F4N2	4	23	11	750				
3264259	OT63F4N2	4	63	22	750				
7265200	OT80F4N2	4	75	37	750				

SOREEL

Ordering references	Product range	Number of poles	Operating current(A) 400V	Power (W) 400V	Voltage (V)
7404621	OHY125J12				
7390035	OT800E03	3	800	450	1000
7390038	OS630D03	3	630	355	690
7404634	OT200E30P	3	200	110	1000
7390033	OT250E03	3	250	140	1000
7404635	OT250E30P	3	250	140	1000
7404617	OT400E30P	3	400	220	1000
7390034	OT630E03	3	630	355	1000
7404618	OT630E30P	3	630	355	1000

SIEMENS

Voltage transformers



Ordering references	Power (VA)	Primary / secondary(ies) voltage
4AM4342-5AN00-0EA1	400	690/115V
TAM3496-0BR50-0EN1	100	400/24V
TAM3496-0BY00-0EN1	120	400/24V
TAM3496-0EL10-0EN1	120	400/24V
TAM3496-0FS30-0EN1	120	400/24V
TAM3896-0BQ60-0EN1	180	400/230-24V
TAM3896-0BQ70-0EN1	180	400/115-24V
TAM3896-0BS80-0EN1	180	460/230-24V
TAM3896-0EB40-0EN1	180	400/115-24V
TAM3896-0ED70-0EN1	150	400/24V
TAM4096-0EC10-0EN1	225	400/230-24V
TAM4096-0EV00-0EN1	180	400/115-24V
TAM4396-0EH20-0FN1	315	690/115-24V
TAM4396-0EM10-0EN1	230	400/230-24V
TAM4696-0EJ30-0FN1	380	400/115-24V
TAM4696-0EN30-0FN1	380	380-460/115-24V
TAM4696-0ER50-0EN1	325	400/115-24V
TAM8096-0BD00-0EN1	50	400/24V
TAM8196-0AX40-0EN1	315	400/115-24V
TAM8196-0BA30-0EN1	315	460/115-24V
TAM3896-0BT00-0EN1	180	380/230-24V
TAM3896-0BT10-0EN1	180	460/115-24V
TAM3896-0EQ40-0FN1	180	690/230-24V
TAM3896-0EQ50-0EN1	150	400/24V
TAM3896-0FN70-0EN1		
TAM3896-1AC40-0FA0		
TAM4396-0EL80-0FN1		
TAM4396-0EV20-0EN1	280	690/230-24V
TAM4396-1AB70-0FS1		
TAM4696-0EC50-0FN1		
TAM4696-0FC50-0EN1	325	690/115-24V
TAM5296-1AB30-0FS1	465	400/115-24V
TAM5296-1AB40-0FS1		
TAM5296-1AC20-0FA0		
TAM5296-1AC40-0FS1		
TAM5296-1AC70-0FS1		
TAM8096-0BE10-0EN1	50	460/24V
TAM8096-0BE20-0EN1	50	380-24V
TAM8196-0AY40-0EN1	240	400-24V
TAM8196-0BA10-0EN1	315	380/115-24V
TAM8196-0BA20-0EN1	240	460/24V
TAM8196-0BA40-0EN1	240	380/24V
TAM8196-1AA00-0FA0		
4AM3496-0EL70-0EN1		

ISME

Transformers

Ordering references	Power (VA)	Primary / secondary(ies) voltage
0351901H44	7	230V/12V
0351901H50	7	230V/12V
0351901X41	7	230V/12V
0351901X46	7	230V/12V
0351901X29	15	230V/24V

SCHNEIDER

Transformers



Ordering references	Power (VA)	Primary / secondary(ies) voltage
ABL6TS16B	160	230-400V / 24V
ABL6TS25B	250	230-400V / 24V
TSM30038	185	400VAC / 24VAC
TSM29146	215	400VAC / 24VAC
TSM29147	255	400 VAC / 24VAC
00PSG001283300D	630	6600V / 400V

SIEMENS

Thermal overload relays

Assembled with 3RT2.

Please contact ERCD for more information.



Ordering references	Part designation	Setting range (A)
3RU2116-0KB0	TIME DELAY RELAY	0,90 - 1,25
3RU2116-1CB0	TIME DELAY RELAY	1,80 - 2,50
3RU2116-1CC1	RELAY	1,80 - 2,50
3RU2116-1EB0	TIME DELAY RELAY	2,80 - 4
3RU2116-1FC1	TIME DELAY RELAY	3,50 - 5
3RU2116-1GB0	TIME DELAY RELAY	4,50 - 6,30
3RU2116-1GC1	RELAY	4,50 - 6,30
3RU2116-1HB0	RELAY	5,50 - 8
3RU2116-1JB0	TIME DELAY RELAY	7-10
3RU2136-4EB0	TIME DELAY RELAY	22 - 32

SIEMENS

Relays



Ordering references	Part designation	Type	Voltage (VAC)
3RP2525-1AW30	TIME DELAY RELAY	TIMING RELAY 1 CO	24/200-240 V AC
3RS1800-2AP00	RELAY	COUPLING RELAY 1 CO	24V AC/DC 220-240V AC
3RT1926-2CG11	TIME DELAY RELAY	TIMING RELAY BLOCK	24-66V AC/DC
3TX7005-1LB00	RELAY	COUPLING RELAY	24V
3UG4511-1AP20	RELAY	VOLTAGE CONTROL	320-500V
3UG4511-2AP20	PHASES DETECTOR	VOLTAGE CONTROL	320-500V

TELEMECANIQUE

Thermal overload relays

Manual reset

Maximum current on auxiliary contact = 10A



Ordering references	Part designation	Setting range (A)
--OL--12TV-018--EC	TIME DELAY RELAY	12 - 18
--OL--12TV-021--EC	TIME DELAY RELAY	16 - 24
--OL--12TV-031--EC	TIME DELAY RELAY	30 - 38
--OL--12TV-144--EC	THERMAL RELAY TL	37 - 50

ABB

Thermal overload relays

Manual reset

Maximum current on auxiliary contact = 10A



Ordering references	Part designation	Setting range (A)
--OL--12TY-025--EE	TIME DELAY RELAY	18 - 25
--OL--12TY-032--EE	TIME DELAY RELAY	24 - 32
--OL--12TY-042--EE	TIME DELAY RELAY	29 - 42

ABB

Relays



Ordering references	Part designation	Type	Auxiliary contact	Coil voltage/frequency
K31-E	AUXILIARY CONTACTOR	N31E	3 NO / 1 NC	48V / 50HZ
--OK--00TL-122--EE	RELAY	N22E	2 NO / 2 NC	220V / 50HZ
--OK--12TL-031--EE	RELAY	N31E	3 NO / 1 NC	220V / 50HZ
--OK--12TL-040--EE	RELAY	N40E	4 NO / 0 NC	230V / 50HZ
--OK--12TL-044--EE	RELAY	N44E	4 NO / 4 NC	220V / 50HZ
--OK--12TL-622--EE	RELAY	N22E	2 NO / 2 NC	24V / 50HZ

ABB

Mini relays

Ordering references	Part designation	Type	Auxiliary contact	Coil voltage/ frequency
--OK--12SW-103--EE	RELAY	K6-31Z-01	3 NO / 1 NC	24 V AC / 40...450
--OK--12SW-225--EA	RELAY	K6-22Z-80	2 NO / 2 NC	230 V AC / 40...450

SCHNEIDER

Thermal relays



Ordering references	Part designation	Thermal current	Auxiliary contact	Coil voltage/ frequency
RSB2A080B7	RELAIS	8 (A)	2NO / 2NF	24 V AC
--OK--12AC-044--EE	RELAY	10 (A)	2NO / 2NF	28 V DC

FINDER

Relays



Ordering references	Part designation	Nominal current/ Max current (A)	Nominal voltage/ Max voltage	Nominal load AC1 (VA)	Nominal load AC15 (230 V AC) (VA)	Power engine single phased (230 V AC) kW	Auxiliary contact
0351802H25	RELAY	20/40	250/400	5000	1000	1,1	1 NO / 1NC
0351802X47	CONTACTOR	16/30	250/400	4000	750	0,8/1,5	3 CONTACTS
0351804H56	RELAY 230V 2NO 2NF FINDER	10/20	250/400	2500	500	0,37	2 CONTACTS
0351804H58	RELAY	7/15	250/250	1750	350	0,125	4 CONTACTS





HONEYWELL

Ordering reference	Product range	Control signal	Voltage (V)	Stroke (mm)	Spring return	Open time (s)
7343817	GCA	ON/OFF	AC 24	ANG 90°	YES	150
7310084	M74	0/10V	AC 24	6,5	NO	90
--XM--12AH-022--EE	M64	3 PTS	AC 230	6,5	NO	150
--XM--12AH-023--EE	M64	3 PTS	AC 230	6,5	NO	150
7355637	M74	0/10V	AC 24	6,5	NO	150
00PPG000499500A	M74	0/10V	AC 24	6,5	NO	150
5202058	M74	3 PTS	AC 24	6,5	NO	150
7360302	M74	3 PTS	AC 24	6,5	NO	150
907530	M74	3 PTS	AC 24	6,5	NO	150
7245281	ML74	0/10V	AC 24	6,5	NO	15
7209697	ML74	0/10V	AC 24	6,5	YES	60
7170796	ML74	0/10V	AC 24	20	NO	60
7170795	ML74	0/10V	AC 24	20	NO	60
7367455	ML74	0/10V	AC 24	20	NO	30
7055331	ML74	0/10V	AC 24	20	NO	60
ML7421B3003	ML74	0/10V	AC 24	38	NO	210
MT4-230NC	MT4	ON/OFF	AC 230	4	YES	150
M100-B0	MT4	ON/OFF	AC 230	4	YES	150
7177256	MT4	ON/OFF	AC 230	4	NO	210
7177257	MT4	ON/OFF	AC 230	4	NO	210
M100-AG-L	MT4	ON/OFF	AC 24	4	YES	240
TSA6-11-GERSHWIN	MT4	ON/OFF	AC 24	4	YES	240
7177253	MT4	ON/OFF	AC 24	4	NO	360
7177254	MT4	ON/OFF	AC 24	4	NO	360
7370865	S05	0/10V 3PTS	AC 24	ANG 90°	YES	90
7370867	S10	ON/OFF	AC 24	ANG 95°	YES	90
5202132	S55	ON/OFF	AC 24	8	YES	210



WATT INDUSTRIE



Ordering reference	Product range	Control signal	Voltage (V)	Stroke (mm)	Spring return	Open time (s)
0150404H62	22C	ON/OFF	AC/DC 230	3,5		75
0150425H41	22C	ON/OFF	AC 24	2,5		180
0150404H43	ETE	ON/OFF	AC 230	4		240
0150404H95	22C	ON/OFF	AC/DC 230	2,5		180
0150404X99	22C	ON/OFF	AC/DC 24	3,5		75
22XC230NC2	22X	0/10V	AC 230			
0150425H27	EMU	0/10V	AC 24	2,5	YES	15
0150425H37	EMU	0/10V	AC 24	6,3	YES	8
0150425H35	EMU	3 PTS	AC 230	6,3	YES	13
0150425H34	EMU	3 PTS	AC 230	6,3	YES	13
0150425H36	EMU	3 PTS	AC 24	6,3	YES	13
0150425H28	EMU	3 PTS	AC 24	8	YES	13
7370870		0/10V	DC	ANG 95°	NO	90
7423295	N10	ON/OFF	AC 230	ANG 95°	NO	140
7381137	N20	0/10V	AC 24	ANG 95°	NO	110
7388365	N34	3 PTS	AC 24	ANG 95°	NO	110

SIEMENS



Ordering reference	Product range	Control signal	Voltage (V)	Stroke (mm)	Spring return	Open time (s)
2010430	GEB	0/10V	AC 24	ANG 90°	NO	150
1888440	GEB	3 PTS	AC 230	ANG 90°	NO	150
7416411	S55	0/10V	AC/DC 24	20	NO	30
7347890	S55	ON/OFF	AC 230	3	YES	210
7347892	S55	ON/OFF 0/10V	AC/DC 24	3	YES	270
7469924	S55	ON/OFF 0/10V	AC/DC 24	3	YES	270
ACVATIXSKC82	SKC	3 PTS	AC 24	40	YES	120
00PPG000512400A	SSA	0/10V	AC/DC 24	2,5		34
7353156	SSA	3 PTS	AC 24	2,5	NO	150
00PPG000512200A	SSA	3 PTS	AC 230	5,5		150
00PPG000512300A	SSA	3 PTS	AC 24	5,5		150
5202233	SSB	0/10V	AC/DC 24	5,5	NO	75
OP12NA025EE001	SSB	3 PTS	AC 24	5,5		150
54110015710	SSC	0/10V	AC 24	5,5	NO	30
00PSP000000277A	STA	ON/OFF	AC 230	3	YES	210
00PPG000511900A	STA	ON/OFF	AC 230	3	YES	210
42EL570022M-	STA	ON/OFF 0/10V	AC/DC 24	3	YES	270
00PPG000512000A	STA	ON/OFF 0/10V	AC/DC 24	3	YES	270

BELIMO



Ordering reference	Rotation angle	Torque (Nm)	Security function	Modulating 230V	Modulating 24V	Running time (Min)	Open-close 230V	Open-close 24V
GM230A	95°	40NM	NO			150 SEC.	YES	
GM24A	95°	40NM	NO			150 SEC.		YES
GM24A-SR	95°	40NM	NO		YES	150 SEC.		
LM230A	95°	5 NM	NO			150 SEC.	YES	
LM230ASR	95°	5 NM	NO	YES		150 SEC.		
LM24A	95°	5 NM	NO			150 SEC.		YES
LM24A-SR	95°	5 NM	NO		YES	150 SEC.		
NM230A	95°	10NM	NO			150 SEC.	YES	
NM24A	95°	10NM	NO			150 SEC.		YES
NM24A-SR	95°	10NM	NO		YES	150 SEC.		
SM230A	95°	20NM	NO			150 SEC.	YES	
SM230ASR	95°	20NM	NO	YES		150 SEC.		
SM24A	95°	20NM	NO			150 SEC.		YES
SM24A-SR	95°	20NM	NO		YES	150 SEC.		

BELIMO



Ordering reference	Rotation angle	Torque (Nm)	Security function	Modulating 24V	Running time (Min)	Open-close 230V	Open-close 24V
AF230	95°	15NM	YES		150 SEC.	YES	
AF230-S	95°	15NM	YES		150 SEC.	YES	
AF24	95°	15NM	YES		150 SEC.		YES
AF24-S	95°	15NM	YES		150 SEC.		YES
AF24-SR	95°	15NM	YES	YES	150 SEC.		
AF24-SR-S	95°	15NM	YES	YES	150 SEC.		
AFR230-S	95°	15NM	YES		150 SEC.	YES	
AFR24-S	95°	15NM	YES		150 SEC.		YES
LF230	95°	4NM	YES		40 - 75 SEC.	YES	
LF230-S	95°	4NM	YES		40 - 75 SEC.	YES	
LF24	95°	4NM	YES		40 - 75 SEC.		YES
LF24-S	95°	4NM	YES		40 - 75 SEC.		YES
LF24-SR	95°	4NM	YES	YES	150 SEC.		
TF230	95°	2NM	YES		<75 SEC.	YES	
TF230-S	95°	2NM	YES		<75 SEC.	YES	
TF24	95°	2NM	YES		<75 SEC.		YES
TF24-S	95°	2NM	YES		<75 SEC.		YES
TF24-SR	95°	2NM	YES	YES	<75 SEC.		





K | USER INTERFACE

USER INTERFACE

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Ordering references	Description	Regulation	Unit	SW Loading
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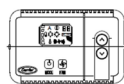


7428419

NUI (CIAT)

30AWH (EREBA)

NO
SOFTWARE



33NTC-RC-A

CRC2 (NTC)

NTC

42N / 42GW / 42DW / 42GM / 42GR /
42EM / 36XB / 42NH / 42NL

NO
SOFTWARE

Ordering references	Unit	SW Loading
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7431969

50EH / 50EN

NO SOFTWARE

7478394

50EH / 50EN / 50HF
30PA / PH
CIATRTC

NO SOFTWARE



2079150

50EH / 50EN / 50HF
30PA / PH
CIATRTC

NO SOFTWARE

7472887

50EH / 50EN / 38SF / 40SF / 40SZ
/ 38SZ
CIAT AVANT/AVANT+

NO SOFTWARE



7431753

09PE / 09VE

NO SOFTWARE

7431740

09PE / 09VE

NO SOFTWARE



7499544

50CJ

LOADED



7047141

50CJ



Ordering reference	Additional information
7166780	EMBEDDED THERMOSTAT V30
7166781	WALL THERMOSTAT V30
7166782	WALL THERMOSTAT V30 HOTEL
7163008	AIR RETURN SENSOR CO-V30 V3000



L | CONTROL

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CIAT

Ordering references	Description
S092720	ELECTRONIC BOARD V2.013ROOF-TOP
S092730	ELECTRONIC BOARD V2.013
7330286	CPU BOARD POC S092740 V2.13
S096960	ELECTRONIC BOARD PC03 V2.011
S097260	BOARD MPC 1CIR V1.01 TO 1.9
S097250	ELECTRONIC BOARD MPC 2CIR V1.010 AV+
S113130	ELECTRONIC BOARD MPC 2C V1.010 CIATRTC
7446495	BOARD MPC 2CIR V1.212 POOL SV5.1
S093050	ELECTRONIC BOARD S92A2AU HV0.11 2-4E
S093060	ELECTRONIC BOARD S92A2AU HV0.11 6-8E
S092540	ELECTRONIC BOARD S931AC HV2.1STANDARD
S092550	ELECTRONIC BOARD S931AC HV2.1 VETON0
S092570	ELECTRONIC BOARD S931AC HV2.1VETON02
S092560	ELECTRONIC BOARD S931AC HV2.1 VETON1
S092580	ELECTRONIC BOARD S931AC HV2.1VETON12
7276096	BLANK BOARD
S092600	ELECTRONIC BOARD S931CH HV2.1STANDARD
S092610	ELECTRONIC BOARD S931CH HV2.1STAN-SC
S092620	ELECTRONIC BOARD S931CH HV2.1 VETON0
S092630	ELECTRONIC BOARD S931CH HV2.1 VETON1
S092640	ELECTRONIC BOARD S931CH HV2.1VETONSC
2054260	ELECTRONIC BOARD MCHILLER
7316316	THERMOSTAT IR33
7316312	HUMIDITY CONTROLLER IR33
S129890	BOARD CONNECT2 PRINCIPAL REV Q CIAT - WITH SOFTWARE
7389449	CONNECT2 ADD1 BOARD
7389456	CONNECT2 ADD2 BOARD
2076310	BOARD CPU XTRACONNECT2
7383786	CPU BOARD MICRO2X AGE0+
7382830	CPU BOARD MICRO2X AQUALIS 2+
7382836	BOARD MICRO2X AQU. 1-2 V21.00
7382833	BOARD MICRO2X AQUA. CALEO
7382842	CPU BOARD MICRO2X AQA-DUO INVER MI
7408670	CPU BOARD MICRO2X AQUALIS R V0100
7382834	BOARD MICRO2X AGE0
7499537	MICROAIRCONNECT 2.2 CONTROLER

CIAT

Ordering references	Description
7431969	DISPLAY
2079150	WALL USER INTERFACE RTC BASIC
7491514	WALL THERMOSTAT V1.1
7478394	TERMINAL FW 1.0 W/O LOGO
7472887	REMOTE THERMOSTAT V1.1
S092710	THERMOSTAT TN92P HV1.20 SW
7265953	THERMOSTAT TN931
7203937	THERMOSTAT 1STAGE
7431752	DISPLAY CONNECT2 XTRACONNECT2
7047141	MICROCONNECT TERM AIR-WATER

CIAT

Ordering references	Description
7119749	SERIELLE BOARD
S110680	BOARD BACNET MSTP RS485
S110690	BOARD BACNET ETHERN AVANTPRO
S116630	BOARD BACNET ETHERN CIATRTC
S116640	BOARD BACNET ETHERN CIATPOOL
S110580	BOARD ETHERNET MPC AVANT/+
S110590	3W VALVE W BY PASS
S110700	BOARD ETHERNET PCOC-BCP
S116600	BOARD ETHERNET CIATRTC
S116610	BOARD ETHERNET CIATPOOL
S110670	BOARD SERIAL KONNEX (KNX)PCO
S099610	BOARD LONWORKS FTT PCOC-AVANTPRO
S099620	BOARD LONWORKS FTT PCOC-BCP
S105700	BOARD LONWORKS FTT AVANT/+
S116580	BOARD LONWORKS FTT
S116590	BOARD LONWORKS FTT CIATPOOL
2020310	BOARD RS485 MINI CHILLER

CIAT

Ordering references	Description
S110580	BOARD ETHERNET AVANT/+
S110590	3W VALVE W BY PASS = V5833C4003
S110700	BOARD ETHERNET PCOC-BCP
S116600	BOARD ETHERNET CIATRTC
S116610	BOARD ETHERNET CIATPOOL



M | BRASS FITTINGS

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BRASS FITTINGS / 90° ELBOWS, TEES, PLUGS	178
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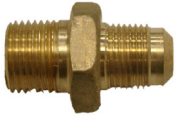
SAE Flare Nuts

Ordering references	Connection size (inch)	Copper tube diameter size (inch)
--UA--12AA-101--EE	1/4	1/4
--UA--12AA-102--EE	3/8	3/8
--UA--12AA-105--EE	1/2	1/2
--UA--12AA-106--EE	5/8	5/8



SAE Flare reducing nuts

Ordering references	Connection size (inch)	Piping diameter size (inch)
--UA--12AA-110--EE	3/8 SAE FLARE	1/4
--UA--12AA-111--EE	1/2 SAE FLARE	1/4
--UA--12AA-112--EE	1/2 SAE FLARE	3/8
--UA--12AA-113--EE	5/8 SAE FLARE	3/8
--UA--12AA-114--EE	5/8 SAE FLARE	1/2
--UA--12AA-115--EE	3/4 SAE FLARE	1/2
--UA--12AA-116--EE	3/4 SAE FLARE	5/8



Ordering references	Connection size (inch)	Type
--UA--12AB-002--EE	1/4 M-SAE FLARE / 1/4 F-NPT	MALE FLARE / FEMALE NPT
--UC--12AA-001--EE	1/4 NPT / 1/4 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-002--EE	1/8 NPT / 1/4 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-003--EE	1/8 NPT / 3/8 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-004--EE	1/4 NPT / 3/8 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-005--EE	1/4 NPT / 1/2 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-007--EE	3/8 NPT / 1/4 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-008--EE	3/8 NPT / 3/8 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-009--EE	3/8 NPT / 1/2 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-012--EE	1/2 NPT / 1/4 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-013--EE	1/2 NPT / 3/8 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-015--EE	1/2 NPT / 5/8 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-019--EE	3/4 NPT / 5/8 SAE FLARE	MALE NPT / MALE FLARE
--UC--12AA-020--EE	3/4 NPT / 3/4 SAE FLARE	MALE NPT / MALE FLARE
--UC--12BB-001--EE	1/4	MALE FLARE / FEMALE TO SOLD
--UC--12BB-002--EE	3/8	MALE FLARE / FEMALE TO SOLD
--UC--12BB-003--EE	1/2	MALE FLARE / FEMALE TO SOLD
--UC--12BB-004--EE	5/8	MALE FLARE / FEMALE TO SOLD
--UC--12BB-005--EE	3/4	MALE FLARE / FEMALE TO SOLD
--UC--12BB-006--EE	1	MALE FLARE / FEMALE TO SOLD



90° ELBOWS

Ordering references	Connection size (inch)	Type
--UB--12AA-001--EE	1/8 NPT - 1/4 SAE FLARE	MALE NPT / MALE FLARE
--UB--12AA-002--EE	1/4 NPT - 1/4 SAE FLARE	MALE NPT / MALE FLARE
--UB--12AA-008--E-	3/8 NPT - 3/8 SAE FLARE	MALE NPT / MALE FLARE
--UB--12AA-009--EE	3/8 NPT - 1/2 SAE FLARE	MALE NPT / MALE FLARE



Tees

Ordering references	Connection size (inch)	Type
--UB--12BA-001--EE	1/4 M-FLARE / 1/8 M-NPT 1/4 M-FLARE	MALE FLARE / MALE NPT / MALE FLARE TEES
--UB--12BA-002--EE	1/4 M-FLARE / 1/4 M-NPT 1/4 M-FLARE	MALE FLARE / MALE NPT / MALE FLARE TEES
--UB--12BB-001--EE	1/4 M-FLARE	EQUAL TEES SAE FLARE
--UB--12BD-003--EE	1/4 M-SAE FLARE / 1/4 F-NPT / 1/4 M-SAE FLARE	MALE FLARE / FEMALE NPT / MALE FLARE TEES



Plugs

Ordering references	Connection size (inch)	Type
--UA--12BA-002--EE	3/8 M-FLARE	FEMALE SAE FLARE
--UA--12BA-001--EE	1/4 M-FLARE	FEMALE SAE FLARE
--UA--12BA-003--EE	1/2 M-FLARE	FEMALE SAE FLARE
--UA--12BA-004--EE	5/8 M-FLARE	FEMALE SAE FLARE
--UD--12AA-003--EE	1/8 M-NPT	MALE NPT



Copper seal caps

Ordering references	Connection size (inch)
--AH--12MB-002--EE	3/8
--AH--12MB-004--EE	5/8
--AH--12MB-005--EE	3/4



Copper gaskets

Ordering references	Connection size (inch)
--AH--12MA-002--EE	3/8
--AH--12MA-004--EE	5/8
--AH--12MA-005--EE	3/4





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